IEEE P802.11  
Wireless LANs

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| IEEE 802.11bf - July 2023 Plenary Meeting Minutes | | | | |
| Date: 2023-07-19 | | | | |
| Author(s): | | | | |
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Abstract

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

### Monday, July 10, 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/23/11-23-0957-00-00bf-tgbf-meeting-agenda-2023-07-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 May Interim
8. Any other business?
9. Recess
10. The chair, Tony Xiao Han, calls the meeting to order at 8:00 am (46 persons are on the call after 45 minutes of the meeting, 27 persons are in the room).
11. The chair goes through “Meeting Protocol, Attendance, Voting &Documentation Status” (slide 4), “Registration for the July Plenary session” (slide 5), “Participants have a duty to inform the IEEE” (slide 7), and “Ways to inform IEEE” (slide 8).

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

The chair goes through “Other Guideline for IEEE WG meetings” (slide 9), “Patent related information” (slide 10), “IEEE SA Copyright Policy” (slides 11 and 12), “Participant behavior in IEEE-SA activities is guided by the IEEE Codes of Ethics & Conduct” (slide 13), “Participants in the IEEE-SA “individual process” shall act independently of others, including employers” (slide 14), and “IEEE-SA 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. It is proposed to let Dibakar present first. No objection. The approval of the minutes is moved to the PM2 session as this is an ad-hoc 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. The chair presents the TGbf Timeline (slide 22).
2. The chair presents slide 23, Call for contributions.
3. The chair presents the teleconference times (slides 24 and 29).
4. The chair presents Guidance for Mix mode July Plenary (slide 26) and D1.0 CR status, slides 27 and 28, plan for remaining CIDs and Privacy discussion.
5. Presentation of submissions

**11-23/1223r1, “CR for Misc CIDs”, Dibakar Das (Intel):**

This submission proposes resolutions for following CIDs:

1089 1540 1563 1716 1717 1718 1719 1864 1865 1997 2280 2281

CID 1089: No discussion.

CID 1540: Some clarifying discussion.

CID 1563: No discussion.

CIDs 1716,1717, 1718, and 1719: Some clarifying discussion. Claudio points out that there have already been changes that should be taken into account when implementing these proposed changes. Claudio will take care of this.

CIDs 1864 and 1865: No discussion.

CID 1997: No discussion.

2280 and 2281: No discussion.

**Straw Poll:** Do you support the proposed resolutions in r1 of this document?

**Result:** Unanimously supported.

**11-23/1107r0, “LB272 CR for CID 1793”, Zinan Lin (InterDigital):**

##### Submission present proposed resolutions for CID 1793. The proposed changes are based on 802.11bf/D1.1.

CID 1793: No discussion.

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

**Result:** Unanimously supported.

**11-23/1018r0, “LB272 CR for OST CIDs (11.55.1.1 Overview) – Part 2”, Stephan Sand (DLR):** This submission discusses resolutions to the following 9 CIDs from LB272 of TGbf D1.0. The CID list is:

1059, 1063, 1065, 1345, 1705, 1788, 1908, 1964, 1965

CID 1345: After some clarifying discussion it is decided to defer the CID and do more work offline.

CID 1788: No discussion.

CID 1059: No discussion.

CID 1063: No discussion.

CID 1964: Some clarifying discussion and as a consequence the proposed resolution is slightly updated.

CID 1965: No discussion.

CID 1065: No discussion.

CID 1705: The proposed text is slightly updated.

CID 1908: No discussion.

Stephen will update to documents and therefore defers the SP.

**11-23/0759r2, “LB 272 CR for CIDs on Reporting – Part 1”, Mahmoud Kamel (InterDigital):** This submission proposes resolutions for 20 CIDs (1026, 1873, 1171, 1172, 1595, 1423, 1425, 1426, 2056, 1591, 1592, 1593, 1594, 1784, 2270, 2020, 2170, 2171, 2269, 2257) in subclause 9.4.1.75 in P802.11bf D1.1:

CID 1026: No discussion.

CID 1873: No discussion.

CID 2257: No discussion.

CID 1171: The resolution is changed from accepted to revised as it contains a typo.

CIDs 1172, 1595: Some clarifying discussion regarding which approach is preferred.

CIDs 1423, 1425, 1784: No discussion.

CID 1591: The proposed resolution text is slightly updated.

CID 1592, 1593, and 1594: No discussion.

CID 2270: No discussion.

CID 2020: No discussion.

CIDs 2170 and 2269: Based on feedback from the group, the resolution for 2170 is changed to reject.

CID 2171: No discussion.

**11-23/1164r1, “LB 272 CR for CIDs (1574, 1953**)**”, Mahmoud Kamel (InterDigital):**

This submission proposes resolutions for 2 CIDs (1574, 1953) in subclause 11.55.1.4 in P802.11bf D1.0:

CID 1574: No discussion.

CID 1953: No discussion.

**Straw Poll:** Do you support the proposed resolutions in 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 9:58 am (ET).

### Monday, July 10, 2023, 4:00-6:00 pm

**Meeting Agenda:**

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

<https://mentor.ieee.org/802.11/dcn/23/11-23-0957-02-00bf-tgbf-meeting-agenda-2023-07-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 May Interim
9. Motion (346-373)
10. Any other business?
11. Recess
12. The chair, Tony Xiao Han, calls the meeting to order at 4:05 pm (31 persons are on the call after one hour of the meeting, 16 persons are in the room).
13. The chair goes through “Meeting Protocol, Attendance, Voting &Documentation Status” (slide 4), “Registration for the July Plenary session” (slide 5), “Participants have a duty to inform the IEEE” (slide 7), and “Ways to inform IEEE” (slide 8).

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

The chair goes through “Other Guideline for IEEE WG meetings” (slide 9), “Patent related information” (slide 10), “IEEE SA Copyright Policy” (slides 11 and 12), “Participant behavior in IEEE-SA activities is guided by the IEEE Codes of Ethics & Conduct” (slide 13), “Participants in the IEEE-SA “individual process” shall act independently of others, including employers” (slide 14), and “IEEE-SA 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 May 2023 meeting to today:
   * May Interim:

<https://mentor.ieee.org/802.11/dcn/23/11-23-0900-00-00bf-ieee-802-11bf-may-2023-interim-meeting-minutes.docx>

* + Teleconferences May - July:

<https://mentor.ieee.org/802.11/dcn/23/11-23-0922-10-00bf-ieee-802-11bf-teleconference-minutes-may-july-2023.docx>

* + Ad-hoc meeting in Lund, Sweden, July 2023

<https://mentor.ieee.org/802.11/dcn/23/11-23-1210-01-00bf-ieee-802-11bf-july-2023-ad-hoc-meeting-minutes.docx>

**Move:** Leif Wilhelmsson

**Second:** Claudio da Silva

**Result:** Motion passed by unanimous consent

1. The chair presents the TGbf Timeline (slide 22).
2. The chair presents slide 23, Call for contributions.
3. The chair presents the teleconference times (slides 24 and 29).
4. The chair presents Guidance for Mix mode July Plenary (slide 26) and D1.0 CR status, slides 27 and 28, plan for remaining CIDs and Privacy discussion.
5. Motions:

**Motion 346:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 1290, 1775, 1776, 1800, 2158, 2159, 2284
* as specified in 23/0944r0

**Move:** Atsushi Shirakawa

**Second:** Sang Kim

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 23/0944r0
* SP Result: Unanimous consent

**Motion 347:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 1216, 1217, 1218, 1219, 1225, 1466, 1467, 1468, 1469, 1470, 1471, 1472, 1473, 1474, 1475, 1476, 1778, 2162
* as specified in 11-23/1016r0

**Move:** Narengerile

**Second:** Yan Xin

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1016r0
* SP Result: Unanimous consent

**Motion 348:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 1604
* as specified in 11-23/1044r0

**Move:** Cheng Chen

**Second:** Yan Xin

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1044r0
* SP Result: Unanimous consent

**Motion 349:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 1629, 1642, 1685, 1686, 1687, 1759, 1767, 1768, 1769, 1770, 1824, 1825, 1826, 1827, 1828, and 1829
* as specified in 23/1035r1

**Move:** Yan Xin

**Second:** Sang Kim

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 23/1035r1
* SP Result: Unanimous consent

**Motion 350:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 2224, 2061, 1422, 1557, 1618, 1620, 1493, 2261, 2262, 2264, 1977, 1262, 1794, 2023, 2191, 1239, 1335, 1780, 1781
* as specified in 11-23/0994r1 ‘Proposed resolutions for technical and editorial comments on D1.0’

**Move:** Claudio da Silva

**Second:** Yan Xin

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/0994r1
* SP Result: Unanimous consent

**Motion 351:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CID 1055, 1737, 1738, 1783, 1982, 1984, 1985, 2039, and 2040
  + as specified in 11-23/1014r2 ‘LB272 CR for Threshold-based Reporting – Part 3’

**Move:** Rui Du

**Second:** Naren

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1014r2
* SP Result: Unanimous consent

**Motion 352:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 2165, 1561, 1038, 1562 and 1598
* as specified in 11-23/0530r2 ‘LB272 comments measurement setup comments resolution part 2’

**Move:** Rui Du

**Second:** Ali Raissinia

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/0530r2
* SP Result: Unanimous consent

**Motion 353:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CID 2072
  + as specified in 11-23/0867r1 ‘LB272 comments SBP comments resolution’

**Move:** Rui Du

**Second:** Yan Xin

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/0867r1
* SP Result: Unanimous consent

**Motion 354:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 1978
* as specified in 11-23/1030r1, LB272 CR for OST CID 1978

**Move:** Narengerile

**Second:** Ali Raissinia

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1030r1
* SP Result: Unanimous consent

**Motion 355:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 1755, 2185
* as specified in 11-23/1106r0, LB272 CR for OST CID – Part 2

**Move:** Narengerile

**Second:** Ali Raissinia

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1106r0
* SP Result: Unanimous consent

**Motion 356:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 1013, 1453, 1573, 1610, 1612, 1613, 1615, 1617, 1712, 1866, 2014, 2034, 2035, 2037, and 2282
* as specified in DCN 11-23/1126r3

**Move:** Dong Wei

**Second:** Sang Kim

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1126r3
* SP Result: Unanimous consent

**Motion 357:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 1053 1153 1155 1281 1412 1575 1576 1577 1578 1579 1580 1581 1584 1586 1587 1680 1691 1692 1870 1871 1891 1937 2256 2267
* as specified in 11-23/01071r1 ‘Comment Resolutions for 11bf D1.0 Sensing Measurement Report Container field CIDs

**Move:** Chris Beg

**Second:** Ali Raisssinia

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/01071r1
* SP Result: Unanimous consent

**Motion 358:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 1990, 1763, 1766
* as specified in 11-23/1081r3

**Move:** Yan Xin

**Second:** Naren

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1081r3
* SP Result: Unanimous consent

**Motion 359:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 1987, 1988, 1989, 1765
* as proposed in 11-23/1082r1

**Move:** Yan Xin

**Second:** Rui Du

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1082r1
* SP Result: Unanimous consent

**Motion 360:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 2077
* as specified in 11-23/0702r3 ‘LB272 comments DMG comments resolution part 1’

**Move:** Rui Du

**Second:** Naren

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/0702r3
* SP Result: Unanimous consent

**Motion 361:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 2209
* as specified in 11-23/1170r2, LB272 CR for SBP CID 2209

**Move:** Narengerile

**Second:** Yan Xin

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1170r2
* SP Result: Unanimous consent

**Motion 362:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 2283
* as specified in 11-23/1150r1, Resolutions to CID 2283

**Move:** Cheng Chen

**Second:** Ali Raissinia

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1150r1
* SP Result: Unanimous consent

**Motion 363:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 1376
* as specified in 11-23-1091r1

**Move:** Alecsander Eitan

**Second:** Rui Du

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23-1091r1
* SP Result: Unanimous consent

**Motion 364:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 1625
* as specified in 11-23/0938r2, LB272 Comment resolution for SBP procedure CID 1625

**Move:** Ali Raissinia

**Second:** Naren

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/0938r2
* SP Result: Unanimous consent

**Motion 365:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 1589
* as specified in 11-23-1184r0

**Move:** Mahmoud Kamel

**Second:** Chris Beg

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23-1184r0
* SP Result: Unanimous consent

**Motion 366 (Deferred)**

**Motion 367:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 1626, 2225, 1700, 1754, 1753, 1249, 1250 and 1246
* as specified in 11-23/1108r1, LB272 CR for SBP CID – Part 2

**Move:** Narengerile

**Second:** Rui Du

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1108r1
* SP Result: Unanimous consent

**Motion 368:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 1855, 1902, 2069, 2131, 2186, 2189, 2206, 2266
* as specified in 11-23/1032r1

**Move:** Naren

**Second:** Yan Xin

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1032r1
* SP Result: Unanimous consent

**Motion 369:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 1420
* as specified in 23/1040r0

**Move:** Alecsander Eitan

**Second:** Rui Du

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 23/1040r0
* SP Result: Unanimous consent

**Motion 370:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CID 1464, 1340, 1463, 1465, 1461
  + as specified in 23/0993r0

**Move:** Mahmoud Kamel

**Second:** Yan Xin

**Result:** Motion passed by unanimous consent

Note：

* Related document 23/0993r0
* SP Result: Unanimous consent

**Motion 371:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 2217
* as specified in 23/0970r2

**Move:** Narengerile

**Second:** Yiyan Zhang

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 23/0970r2
* SP Result: Unanimous consent

**Motion 372:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 1089 1540 1563 1716 1717 1718 1719 1864 1865 1997 2280 2281
* as specified in 11-23/1223r1

**Move:** Cheng Chen

**Second:** Ali Raissinia

**Note：**

* Related document 11-23/1223r1
* SP Result: Unanimous consent

**Motion 373:** Move to approve “Rejected” resolutions to the CIDs:

* CID: 2296
* With the following rejection reason: “The commenter has withdrawn the comment”.

**Move:** Benedikt Schweizer

**Second:** Cheng Chen

1. Presentation of submissions

**11-23/0759r2, “LB 272 CR for CIDs on Reporting – Part 1”, Mahmoud Kamel (InterDigital):** This submission proposes resolutions for 20 CIDs (1026, 1873, 1171, 1172, 1595, 1423, 1425, 1426, 2056, 1591, 1592, 1593, 1594, 1784, 2270, 2020, 2170, 2171, 2269, 2257) in subclause 9.4.1.75 in P802.11bf D1.1:

Mahmoud goes through the changes made since the presentation in an earlier session.

CID 1171: No discussion.

CID 1595: No discussion.

CID 1426 and 2056: No discussion.

**Straw Poll:** Do you support the proposed resolutions in r2 of this document?

**Result:** Unanimously supported.

**11-23/0833r1, “LB 272 CR for CIDs on Instance – Part 2”, Mahmoud Kamel (InterDigital):**

Goes through the changes compared to r0. The CID 2242 has been added.

CID 1012,1136,2000, 2030, 2031, and 2032: Based on feedback from the group, the proposed resolution is updated. Mahmoud will updated offline.

CID 2287: No discussion.

CID 2242: No discussion.

Because Mahmoud will modify the text offline the SP is deferred.

**11-23/1157r0, “LB 272 CR for CID 2241”, Mahmoud Kamel (InterDigital):** This submission proposes resolutions for CID 2241 in subclause 11.55.1.4 in P802.11bf D1.0:

There is a request from one person in the room to defer the SP so that he can review the text. As a result, the SP is deferred.

**11-23/1018r1, “LB272 CR for OST CIDs (11.55.1.1 Overview) – Part 2”, Stephan Sand (DLR):** This submission discusses resolutions to the following 9 CIDs from LB272 of TGbf D1.0. The CID list is:1059, 1063, 1065, 1345, 1705, 1788, 1908, 1964, 1965

Revision 0 was presented in the morning, and Stephen goes through the update that has been made to the CR to CID 1345.

CID 1345: 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: 1059, 1063, 1065, 1345, 1705, 1788, 1908, 1964, 1965?

**Result:** Unanimously supported.

**11-23/1042r1, “LB272 Reporting CID Resolution Part 3.”, Chris Beg (Congnitive Systems):** This submission addresses the following 18 LB272 CIDs: 2019 2272 2218 1451 1452 1658 1659 1883 1940 1941 1782 1797 1003 1489 1490 1491 2045 2046.

Revision 0 of the document has been presented and Chris goes through CIDs to which changes have been made.

CID 1451: No discussion.

CID 1452: No discussion.

CID 1940: No discussion.

CID 1941: No discussion.

CID 1003: No discussion.

CID 1489: No discussion.

CID 1490: No discussion.

CID 1491: No discussion.

CID 2045: No discussion.

CID 2046: No discussion.

**Straw Poll:** Do you support the resolution to CIDs 2019 2272 2218 1451 1452 1658 1659 1883 1940 1941 1782 1797 1003 1489 1490 1491 2045 2046 11-23/1042r1 and incorporating the changes into the latest TGbf draft?

**Result:** Unanimously supported.

**11-23/1197r1, “LB272 CR for CID 1689”, Dong Wei (NXP):** This document aims to resolve LB272 comment CID 1689.

CID 1689: There is a request form the group to get some more time to review the proposed resolution and as a result the SP is deferred.

**11-23/0833r2, “LB 272 CR for CIDs on Instance – Part 2”, Mahmoud Kamel (InterDigital):** This submission proposes resolutions for 10 CIDs (1012, 1136, 2000, 2030, 2031, 2032, 1728, 1732, 2287, 2242) in subclause 11.55.1.5 in P802.11bf D1.0:

CID 1136: No discussion.

**Strawpoll:** Do you agree to the resolution provided in this document?

**Result:** Unanimously supported.

**11-23/1197r1, “LB272 CR for CID 1689”, Dong Wei (NXP):** This document aims to resolve LB272 comment CID 1689.

**Straw Poll:** Do you agree to the resolution provided in the document 11-23/1197r1for CID 1689?

**Result:** Unanimously supported.

**11-23/1203r0, “LB272 comments SBP comments resolution Part 2”, Rui Du (Huawei):** This submission contains the proposed comment resolutions for the CIDs 2072.

CID 1044: No discussion.

CID 1052: No discussion.

**Strawpoll:** Do you support resolutions to the following CIDs and incorporate the text changes into the latest TGbf draft: 1044 and 1052 in 11-23/1203r0?

**Result:** Unanimously supported.

**11-23/1178r1, “Bug fix: SBP response”, Rui Du (Huawei):** This submission contains the proposed modifications for SBP response when its Status Code equals to SUCCESS.

Rui goes through the updates that have been made to the document compared to r0 that was presented at the ad-hoc meeting in Lund.

**Straw Poll:** Do you support the proposed changes to fix the bug and incorporate the text changes in 11-23/1178r1 into the latest TGbf draft?

**Result:** Unanimously supported.

1. The chair asks if there is AoB. No response from the group.
2. The meeting is recessed without objection at 5.49 pm (ET).

### Tuesday, July 11, 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/23/11-23-0957-03-00bf-tgbf-meeting-agenda-2023-07-plenary.pptx>

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11. The chair goes through “Meeting Protocol, Attendance, Voting &Documentation Status” (slide 4), “Registration for the July Plenary session” (slide 5), “Participants have a duty to inform the IEEE” (slide 7), and “Ways to inform IEEE” (slide 8).

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

The chair goes through “Other Guideline for IEEE WG meetings” (slide 9), “Patent related information” (slide 10), “IEEE SA Copyright Policy” (slides 11 and 12), “Participant behavior in IEEE-SA activities is guided by the IEEE Codes of Ethics & Conduct” (slide 13), “Participants in the IEEE-SA “individual process” shall act independently of others, including employers” (slide 14), and “IEEE-SA 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. -
2. The technical editor gives an update of the D1.0 CR status. 84 CIDs are still not ready for motioned or motioned.
3. -
4. Presentation of submissions

**11-23/1128r0, “LB272 CR for two CIDs”, Dongguk Lim (LGE):** This submission proposes the resolutions for following 2 CIDs:

* 1525, 1665

CID 1525: The CID is deferred as there is a presentation related to this CID that will be presented later today.

CID 1665: No discussion.

The SP is deferred.

**11-23/1129r0, “LB272 CR for CID 1798”, Dongguk Lim (LGE):** This submission proposes the resolutions for following 1 CID:

* 1798

CID 1798: No discussion.

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

**Result:** Unanimously supported.

**11-23/1218r0, “CID 1673: Utilizing Legacy STA”, Chaoming Luo (OPPO):** This contribution proposes a solution to CID 1673.

Q: How does the STA on page 5 know that it should transmit a packet?

A: It may e.g. be scheduled by the AP.

Q: You can do this already today, I believe.

A: Yes, the AP can but this is for SBP. Today in SBP the AP would only invite sensing capable devices, but here the idea is to also allow for using non sensing capable devices to send packet that can be used for sensing.

Q: I have an issue with privacy as the CSI value is used without consent from the corresponding transmitter.

Q: I believe that the argument with using market window is not completely true. An 11bf AP can use legacy non 11bf STAs without this addition, the addition is just for SBP. So the marketing aspect I believe this is only adding an additional case. Also, I believe there is a bit of complexity in this and also that there may be issues with privacy. Basically, I would not mind this being done proprietary, but putting it in the specification I am hesitant to do.

Q: I also agree with these comments made.

A: I understand the concern, but I have a different opinion.

Q: I believe there are issues with privacy.

**11-23/1219r0, “Comment resolution for CID 1673”, Chaoming Luo (OPPO):** Comment resolution for CID 1673.

Detailed discussion in relation to the presentation 1218 and as a result the SP is deferred.

**11-23/1222r1, “Sharing of Channel Puncturing Info by Unassociated STAs”, Mahmoud Kamel (InterDigital):**

Q: In slide 3, the STA must send using the full BW for the sensing AP to recognize the signal. However, it is not allowed to because it has to puncture according to the OBSS.

**11-23/1058r0, “LB272 Resolutions for SBP CID 1315”, Ning Gao (OPPO):**

This submission proposes resolutions to the following CID:

* 1315

CID 1315: No discussion.

**Straw Poll:** Do you support the resolution to CID 1315 as specified in doc.: 11-23/1058r0.

**Result:** Unanimously supported.

1. The chair asks if there is AoB. No response from the group.
2. The meeting is recessed without objection at 9:57 am.

### Tuesday, July 11, 2023, 1:30-3:30 pm

**Meeting Agenda:**

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

<https://mentor.ieee.org/802.11/dcn/23/11-23-0957-05-00bf-tgbf-meeting-agenda-2023-07-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 July Plenary
8. Motion (374-384)
9. Any other business?
10. Recess
11. The chair, Tony Xiao Han, calls the meeting to order at 1:30 pm (32 persons are on the call after 45 minutes of the meeting, 19 persons are in the room).
12. The chair goes through “Meeting Protocol, Attendance, Voting &Documentation Status” (slide 4), “Registration for the July Plenary session” (slide 5), “Participants have a duty to inform the IEEE” (slide 7), and “Ways to inform IEEE” (slide 8).

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

The chair goes through “Other Guideline for IEEE WG meetings” (slide 9), “Patent related information” (slide 10), “IEEE SA Copyright Policy” (slides 11 and 12), “Participant behavior in IEEE-SA activities is guided by the IEEE Codes of Ethics & Conduct” (slide 13), “Participants in the IEEE-SA “individual process” shall act independently of others, including employers” (slide 14), and “IEEE-SA 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. -
2. -
3. –
4. Motions:

**Motion 374:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 1574 and 1953
* as specified in 11-23/1164r1

**Move:** Mahmoud Kamel

**Second:** Alecsander Eitan

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1164r1
* SP Result: Unanimous consent

**Motion 375:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 1793
* as specified in 11-23/1107r0

**Move:** Mahmoud Kamel

**Second:** Alecsander Eitan

**Result:** Motion passed by unanimous consent

Note：

* Related document 11-23/1107r0
* SP Result: Unanimous consent

**Motion 376:**  Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 1026, 1873, 1171, 1172, 1595, 1423, 1425, 1426, 2056, 1591, 1592, 1593, 1594, 1784, 2270, 2020, 2170. 2171, 2269, 2257
* as specified in 11-23/0759r2

**Move:** Mahmoud Kamel

**Second:** Chris Beg

**Result:** Motion passed by unanimous consent

Note：

* Related document 11-23/0759r2
* SP Result: Unanimous consent

**Motion 377:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 1059, 1063, 1065, 1345, 1705, 1788, 1908, 1964, 1965
* - as specified in 11-23/1018r1

**Move:** Stephan Sand

**Second:** Alecsander Eitan

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1018r1
* SP Result: Unanimous consent

**Motion 378:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 1689
* as specified in DCN 11-23/1197r1

**Move:** Dong Wei

**Second:** Sang Kim

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1197r1
* SP Result: Unanimous consent

**Motion 379:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 1012, 1136, 2000, 2030, 2031, 2032, 1728, 1732, 2287, 2242
* as specified in 11-23/0833r2

**Move:** Mahmoud Kamel

**Second:** Naren

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/0833r2
* SP Result: Unanimous consent

**Motion 380:** Move to include the text proposed in the following document into the IEEE 802.11bf draft amendment:

* 11-23/1178r1 ‘Bug fix: SBP response’

**Move:** Rui Du

**Second:** Naren

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1178r1
* SP Result: Unanimous consent

**Motion 381:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CID 1044 and 1052
  + as specified in 11-23/1203r0 ‘LB272 comments SBP comments resolution Part 2’

**Move:** Rui Du

**Second:** Alecsander Eitan

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1203r0
* SP Result: Unanimous consent

**Motion 382:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 2019 2272 2218 1451 1452 1658 1659 1883 1940 1941 1782 1797 1003 1489 1490 1491 2045 2046
* as specified in 11-23/1042r1

**Move:** Chris Beg

**Second:** Yan Xin

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1042r1
* SP Result: Unanimous consent

**Motion 383:** **Move to approve “Rejected” resolutions to the CIDs:**

* CID: 1950
* With the following rejection reason: “The commenter has withdrawn the comment”.

**Move:** Chris Beg

**Second:** Stephen Sand

**Result:** Motion passed by unanimous consent

**Motion 384:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 1315
* as specified in 11-23/1058r0

**Move:** Ning Gao

**Second:** Alecsander Eitan

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1058r0
* SP Result: Unanimous consent

1. Presentation of submissions

**11-23/1219r1, “Comment resolution for CID 1673”, Chaoming Luo (OPPO):** Comment resolution for CID 1673.

After offline discussions with other members, Chaoming has decided to reject the comment.

CID 1673: No discussion.

**Strawpoll:** Do you support resolutions to the following CID and incorporate the text changes into the latest TGbf draft: 1673, in 11-23/1219r1.

**Result:** Unanimously supported.

**11-23/1169r2, “LB272 Comment resolution for CIDs related to Availability Window”, Zhuqing Tang (Huawei):** This submission resolves the comments of the CID 1810 and 2107.

R1 on the server

CID 2107: Three different options are presented for the group and the group is asked for suggestion with respect to which is the preferred one.

It is suggested to defer the SP since some of the key persons are not present.

**11-23/1172r3, “LB272 comments DMG comment 2063 resolution”, Zhuqing Tang (Huawei):** This submission contains the proposed comment resolution for the CID 2063.

CID 2063:

Q: Why do you need this?

A: This is what we discussed in the ad-hoc meeting.

Q: I believe it is possible to do better in a simpler way. I don’t support this.

As a result, it is agreed to have more discussions off-line before running the SP.

**11-23/1243r1, “LB272 CR for CIDs on TF Sounding Phase – Part 3”, Dong Wei (NXP):** This document aims to resolve the following three LB272 comments: CIDs 1733, 2286, and 2202.

CIDs 1733 and 2286: No discussion.

CID 2202: Based on feedback from the group, the proposed text is slightly updated.

**11-23/1167r0, “Editorial review suggestions for Clause 11.55.3”, Stephen McCann (Huawei):** This submission is an editorial review of 11bf D1.2 clause 11.55.3 and does not provide any specific CID resolutions.

Stephen gives an overview of the proposed changes to Clause 11.55.3. Revision 1 of the document will be uploaded and can then potentially be motioned on Thursday this week.

**11-23/1169r2, “LB272 Comment resolution for CIDs related to Availability Window”, Zhuqing Tang (Huawei):** This submission resolves the comments of the CID 1810 and 2107.

This contribution was discussed earlier under this session, but then some of the key persons were not present. Now they are in the meeting.

The text for option 3.2 is slightly updated. It is agreed to present the updated version tomorrow.

1. The chair asks if there is AoB. No response from the group.
2. The meeting is recessed without objection at 15:32 pm.

### Wednesday, July 12, 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/23/11-23-0957-07-00bf-tgbf-meeting-agenda-2023-07-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 July Plenary
8. Motion (385-387)
9. Any other business?
10. Recess
11. The chair, Tony Xiao Han, calls the meeting to order at 8:00 am (25 persons are on the call after 15 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 July Plenary session” (slide 5), “Participants have a duty to inform the IEEE” (slide 7), and “Ways to inform IEEE” (slide 8).

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

The chair goes through “Other Guideline for IEEE WG meetings” (slide 9), “Patent related information” (slide 10), “IEEE SA Copyright Policy” (slides 11 and 12), “Participant behavior in IEEE-SA activities is guided by the IEEE Codes of Ethics & Conduct” (slide 13), “Participants in the IEEE-SA “individual process” shall act independently of others, including employers” (slide 14), and “IEEE-SA 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. Mahmoud announces that he has a new revision of 1222 that he would like to present. This is added to 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. –
2. –
3. –
4. -
5. Presentation of submissions

**11-23/1243r3, “LB272 CR for CIDs on TF Sounding Phase – Part 3”, Dong Wei (NXP):** This document aims to resolve the following three LB272 comments: CIDs 1733, 2286, and 2202.

This contribution has already been presented, but the resolution to CID 2202 has been updated and Dong goes through the updates.

CID 2202: Detailed discussion about whether this indication may not be needed at all.

As a result, CID 2202 is removed from the SP.

**Strawpoll:** Do you agree to the resolutions provided in the document 11-23/1243r4for the following 2 CIDs: 1733, 2286?

**Result:** Unanimously supported.

**11-23/1265r0, “LB272 CR for CID 2036”, Dong Wei (NXP):** This document aims to resolve the following LB272 comment: CID 2036.

**Strawpoll:** Do you agree to the resolution provided in the document 11-23/1265for CID 2036?

**Result:** Unanimously supported.

**11-23/1157r2, “LB 272 CR for CID 2241”, Mahmoud Kamel (InterDigital):** This submission proposes resolutions for CID 2241 in subclause 11.55.1.4 in P802.11bf D1.0:

CID 2241: Based on feedback from the group, the proposed resolution is slightly updated.

**Strawpoll:** Do you agree to the resolution provided in r3 of this document.

**Result:** Unanimously supported.

**11-23/1215r0, “Misc. Editorial Review Suggestions for D1.2”, Leif Wilhelmsson (Ericsson):** This submission is an editorial review of parts of D1.2 and does not provide any specific CID resolutions.

Leif goes through the different suggestions and receives some feedback. It is agreed that Leif will update the documents according to the suggestions. In addition, it is agreed that suggestions that can be considered as being technical rather than editorial should be removed and instead should be addressed in the LB for D2.0.

**11-23/1169r3, “LB272 Comment resolution for CIDs related to Availability Window”, Zhuqing Tang (Huawei):** This submission resolves the comments of the CID 1810 and 2107.

Revision 2 has already been presented and Zhuqing goes through the updates.

CID 1810: No discussion.

CID 2107: No discussion.

**Strawpoll:** Do you support resolution to the following CID and incorporate the text changes into the latest TGbf draft: 1810 and 2107 in 11-23/1169r3?

**Result:** Unanimously supported.

**11-23/0976r1,“LB272 comments measurement setup comments resolution part 3”, Rui Du (Huawei):** This submission contains the proposed comment resolutions for the CIDs 2101, 1102, 1037, 2104, 1649 and 2105.

CIDs 2101, 1102, 1037, and 2104: Some clarifying discussion and as a result the proposed resolution is updated accordingly.

Rui will upload a new revision including the made changes.

**11-23/1249r1, “LB272 Resolutions for DMG SR2SR Sensing”, Ning Gao (OPPO):** This submission proposes resolutions to the following CIDs:

* + 1291, 1292, 1293, 1294, 1295, 1460.

CID 1291: No discussion.

CID 1460: There are comment from the group that the resolution should be changed to reject.

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 10:01 am.

### Wednesday, July 12, 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/23/11-23-0957-08-00bf-tgbf-meeting-agenda-2023-07-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 July Plenary
8. Motion (385-392)
9. Any other business?
10. Recess
11. The chair, Tony Xiao Han, calls the meeting to order at 10:30 am (32 persons are on the call after 45 minutes of the meeting, 20 persons are in the room).
12. The chair goes through “Meeting Protocol, Attendance, Voting & Documentation Status” (slide 4), “Registration for the July Plenary session” (slide 5), “Participants have a duty to inform the IEEE” (slide 7), and “Ways to inform IEEE” (slide 8).

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

The chair goes through “Other Guideline for IEEE WG meetings” (slide 9), “Patent related information” (slide 10), “IEEE SA Copyright Policy” (slides 11 and 12), “Participant behavior in IEEE-SA activities is guided by the IEEE Codes of Ethics & Conduct” (slide 13), “Participants in the IEEE-SA “individual process” shall act independently of others, including employers” (slide 14), and “IEEE-SA 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. –
2. –
3. –
4. -
5. -
6. Motions

**Motion 385:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 1673
* as specified in 11-23/1219r1

**Move:** Chaoming Luo

**Second:** Ning Gao

**Result:** Motion passed by unanimous consent

Note：

* Related document 11-23/1219r1
* SP Result: Unanimous consent

Motion 386: Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 1733, 2286, and 2202
* as specified in DCN 11-23/1243r3

**Move:** Dong Wei

**Second:** Rui Du

**Result:** Motion passed by unanimous consent

Note：

* Related document 11-23/1243r3
* SP Result: Unanimous consent

Motion 387: Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 1798
* as specified in 11-23/1129r0

**Move:** Dongguk Lim

**Second:** Sang Kim

**Result:** Motion passed by unanimous consent

Note：

* Related document 11-23/1129r0
* SP Result: Unanimous consent

Motion 388: Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 2036
* as specified in DCN 11-23/1265r0

**Move:** Dong Wei

**Second:** Rui Du

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1265r0
* SP Result: Unanimous consent

Motion 389: Move to approve “Rejected” resolutions to the CIDs:

* CID: 2226, 2227, 2228, 2229
* With the following rejection reason: “The commenter has withdrawn the comment”.

**Move:** Narengerile

**Second:** Alecsander Eitan

**Result:** Motion passed by unanimous consent

Motion 390: Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 2241
* as specified in 11-23/1157r3

**Move:** Mahmoud Kamel

**Second:** Naren

**Result:** Motion passed by unanimous consent

Note：

* Related document 11-23/1157r3
* SP Result: Unanimous consent

Motion 391: Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 1810 and 2107
* as specified in DCN 11-23/1169r3

**Move:** Rui Du

**Second:** Naren

**Result:** Motion passed by unanimous consent

Note：

* + Related document 11-23/1169r3
  + SP Result: Unanimous consent

1. Presentation of submissions

11-23/1222r2, “Sharing of Channel Puncturing Info by Unassociated STAs”, Mahmoud Kamel (InterDigital): Revision 1 has been presented and Mahmoud goes through the changes made in r2.

Mahmoud presents two options and asks for comments and which one is the preferred option.

Option 1: The U-STA shares the channel puncturing information in the Sensing Measurement Query frame

* + 5/8/16-bit bitmap may be used to indicate the puncturing pattern deployed in the BSS of the U-STA
  + There is no mandatory requirement that the AP shall use this information to schedule any resources to the U-STA

Option 2: The U-STA downgrades to a smaller sensing bandwidth that can be negotiated in the sensing measurement session

* + A smaller sensing bandwidth can be chosen by the U-STA and shared in the Sensing element of the Sensing Measurement Query frame.

Q: I wonder how likely it is that two neighboring APs would have different puncturing patterns.

A: I have asked people that are more knowledgeable than me and they believe it is quite likely.

Strawpoll: Which option do you prefer?

* Option 1
* Option 2
* Neither
* Abstain

Result: O1/O2/Neither/Abstain: 3/13/2/6

**11-23/1128r0, “LB 272 CR for two CIDs”, Dongguk Lim (LGE):** This submission proposes the resolutions for following 2 CIDs:

* 1525, 1665

CID 1525: No discussion.

CID 1665: No discussion.

**Strawpoll:** Do you agree with the proposed resolutions in this document?

**Result:** Unanimously supported.

**11-23/1249r1, “LB272 Resolutions for DMG SR2SR Sensing”, Ning Gao (OPPO):** This submission proposes resolutions to the following CIDs:

* + 1291, 1292, 1293, 1294, 1295, 1460.

CID 1291: Some clarifying discussion.

CID 1460: There are comment from the group that the resolution should be changed to reject. As a result, the resolution is changed to reject.

CID 1293: Comment from the group suggesting rejecting the comment.

CID 1294: Comment from the group suggesting rejecting the comment.

CID 1295: Comment from the group suggesting rejecting the comment.

CID 1292: Comment from the group suggesting rejecting the comment.

As a result of the comments, it is agreed that Ning will present an updated revision in one of the sessions tomorrow.

**11-23/1274r0, “LB272 CR for CID 2202”, Dong Wei (NXP):** This document aims to resolve the LB272 comment CID 2202.

CID 2202: No discussion.

**Strawpoll:** Do you agree to the resolution provided in the document 11-23/1274for CID 2202?

Result: Unanimously supported.

**11-23/1247r1, “LB272 - LB272 Comment resolutions to CID1764”, Yan Xin (Huawei):** This submission includes the resolutions CID#1764 on Subclauses 28.9.4 and 11.55.3.6.2.3 in P802.11bf D1.0.

CID 1764: Some clarifying discussion and based on comments from the group, the proposed text is slightly updated.

It is proposed by some members to take this in the next round.

1. The chair asks if there is AoB. No response from the group.
2. The meeting is recessed without objection at 12:31 pm.

### Thursday, July 13, 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/23/11-23-0957-10-00bf-tgbf-meeting-agenda-2023-07-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 July Plenary
8. Motion (392-397)
9. Any other business?
10. Recess
11. The chair, Tony Xiao Han, calls the meeting to order at 8:00 am (70 persons are on the call after 15 minutes of the meeting, 20 persons are in the room).
12. The chair goes through “Meeting Protocol, Attendance, Voting & Documentation Status” (slide 4), “Registration for the July Plenary session” (slide 5), “Participants have a duty to inform the IEEE” (slide 7), and “Ways to inform IEEE” (slide 8).

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

The chair goes through “Other Guideline for IEEE WG meetings” (slide 9), “Patent related information” (slide 10), “IEEE SA Copyright Policy” (slides 11 and 12), “Participant behavior in IEEE-SA activities is guided by the IEEE Codes of Ethics & Conduct” (slide 13), “Participants in the IEEE-SA “individual process” shall act independently of others, including employers” (slide 14), and “IEEE-SA 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 24) and asks if there are any questions or comments on the agenda. No response from the group. The chair explains that the goal is to have as many presentations as possible and motions will only be run if there are no more presentations. Motions will be run 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. –
2. -
3. Teleconference times: Suggested to reduce the number of calls per week and also reduce the number of sessions we meet in the f2f as e.g. UHR is expected to start up.

As a result, the conference call schedule is reduced to one call per week.

1. Presentation of submissions

**11-23/0882r2, “LB272 CR on capability of sensing measurement reporting”, Dong Wei (NXP):** This document aims to resolve the following 13 LB272 CIDs related to the capability of sensing measurement reporting: 1056, 1455, 1675, 1929, 1930, 1986, 2015, 2052, 2146, 2149, 2155, 2156, and 2176.

R2: Added CID 1675; revised the proposed resolutions according to draft D1.2

The controversial addition that is proposed is the following: “If the sensing responder does not support transmission of Sensing Measurement Report frames, the sensing initiator shall set the Sensing Measurement Report Requested field to 0.”

Discussion about whether it is good for the market adoption to make this optional.

Q: I suggest to table this one as we clearly cannot reach consensus.

A: It has been discussed this for a long time and I don’t think it makes a change to table it further.

Q: I believe it makes sense to make it optional as many use cases can be supported even if a device does not support the transmission of this report.

Q: I don’t agree with approach to make features optional and let market decide. This is not how to make a standard. This is a critical feature and I don’t support this.

A: I believe this feature is a bit special and that is does make sense to make this optional.

Q: The standard should not match what you have in your products, it should match what the market needs.

Q: I support the approach as I believe it allows for a phased roll-out of sensing. This would allow for having 11bf on the market earlier.

**Strawpoll:** Do you agree to the resolutions provided in the document 11-23/0882r2for the following CIDs: 1056, 1455, 1929, 1930, 1986, 2015, 2052, 2146, 2149, 2155, 2156, and 2176?

**Result:** Y/N/A: 54/32/4

CID 1675: Some clarifying discussion. As a result, it is suggested to reject the comment or to let the commenter withdraw the comment. Motivation for this will be worked out offline.

**11-23/0896r2, “LB272 DMG Sensing Instance CIDs: Part 2”, Pu (Perry) Wang (MERL):** This document proposes resolution to several LB272 DMG related CIDs.

The list of CIDs is: 1048, 1049, 1050, 1051, 1233, 1234, 1236, 1393, 1394, 1395, 1396, 1397, 1398, 1399, 1400, 1401, 1402, 1404, 1405, 1406, 1487, 1488, 2097, 2298, 2299, 2301.

CIDs 2097, 1048, and 1395: The motivation to the rejection is added to the three CIDs.

CID 1393: No discussion.

CIDs 1236, 1400, 1398, 1399, and 1487: No discussion.

CIDs 1233, 1049, 1396, 1050, 1397, and 1234: A motivation to reject for CID 1050 is added.

CID 1488: Some discussion and as a result this CID is deferred.

CID 1401: No discussion.

CID 1402: No discussion.

CID 1051: No discussion.

CID 1404: No discussion.

CID 1405: No discussion.

CID 1406: No discussion.

CIDs 2298, 2299, and 2301: The motivation to the rejection is added to the three CIDs.

**Straw Poll:** Do you agree with the proposed resolutions for CIDs 1048, 1049, 1050, 1051, 1233, 1234, 1236, 1393, 1394, 1395, 1396, 1397, 1398, 1399, 1400, 1401, 1402, 1404, 1405, 1406, 1487, 2097, 2298, 2299, and 2301 in revision 3 of this document?

**Result:** Unanimously supported.

**11-23/0976r4, “LB272 comments measurement setup comments resolution part 3”, Rui Du (Huawei):** This submission contains the proposed comment resolutions for the CIDs 2101, 1102, 1037, 2104, 1649 and 2105.

Rui has presented this contribution before and goes through the changes made.

A typo is identified and therefore the document will be updated to r5.

**Strawpoll:** Do you support resolutions to the following CIDs and incorporate the text changes into the latest TGbf draft: 2101, 1102, 1037, 2104, 1649 and 2105 in 11-23/0976r5?

**Result:** Unanimously supported.

**11-23/1249r2, “LB272 Resolutions for DMG SR2SR Sensing”, Ning Gao (OPPO):** This submission proposes resolutions to the following CIDs:

* + - 1291, 1292, 1293, 1294, 1295, 1460.

The document has been presented before and Ning goes through the updates made in r2.

**Strawpoll:** Do you support the resolutions to CIDs 1291, 1292, 1293, 1294, 1295 and 1460, as specified in doc.: 11-23/1249r2 and incorporate the text changes into the latest TGbf draft.

**Result:** Unanimously supported.

11-23/1247r3, “LB272 - LB272 Comment resolutions to CID#1764 ”, Yan Xin (Huawei): This submission includes the resolutions CID#1764 on Subclauses 28.9.4 and 11.55.3.6.2.3 in P802.11bf D1.0.

CID 1764: No discussion.

**Strawpoll:** Do you agree with the resolution in this document?

**Result:** Unanimously supported.

11-23/1084r2, “LB272 CR for DMG CID 2088 2219”, Naren (Huawei): This document proposes comment resolutions for CIDs 2088 and 2219.

CID 2088: No discussion.

CID 2219: No discussion.

**Strawpoll:** Do you agree to include the resolutions provided for CID 2088 and 2219 in the latest 11bf Draft?

**Result:** Unanimously supported.

**11-23/1171r2, “LB272 Enhancements for SBP procedure”, Naren (Huawei):** This document proposes a technical change to 11bf spec to fix a bug that is related to the SBP setup procedure.

C: I support this and believe we should include it.

**Strawpoll:** Do you agree to include the proposed draft text in 1171r2 in the latest 11bf Draft?

**Result:** Unanimously supported.

Claudio gives a status update.

1. The chair asks if there is AoB. No response from the group.
2. The meeting is recessed without objection at 10:04 am.

### Thursday, July 13, 2023, 4:00-6:00 pm

**Meeting Agenda:**

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

<https://mentor.ieee.org/802.11/dcn/23/11-23-0957-11-00bf-tgbf-meeting-agenda-2023-07-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 July Plenary
8. Motion (392-404 + 2?)
9. TG Motion: closing the remaining CIDs for LB 272
10. TG Motion: TGbf re-circulation letter ballot
11. Any other business?
12. Recess
13. The chair, Tony Xiao Han, calls the meeting to order at 4:00 pm (24 persons are on the call after 15 minutes of the meeting, 16 persons are in the room).
14. The chair goes through “Meeting Protocol, Attendance, Voting & Documentation Status” (slide 4), “Registration for the July Plenary session” (slide 5), “Participants have a duty to inform the IEEE” (slide 7), and “Ways to inform IEEE” (slide 8).

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

The chair goes through “Other Guideline for IEEE WG meetings” (slide 9), “Patent related information” (slide 10), “IEEE SA Copyright Policy” (slides 11 and 12), “Participant behavior in IEEE-SA activities is guided by the IEEE Codes of Ethics & Conduct” (slide 13), “Participants in the IEEE-SA “individual process” shall act independently of others, including employers” (slide 14), and “IEEE-SA 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 25) and asks if there are any questions or comments on the agenda. Dong Wei explains that all the CIDs in 882 will be rejected with the reason “lack of consensus”.

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. –
2. –
3. -
4. Presentation of submissions

**11-23/1289r2, “LB272 DMG Sensing Instance CIDs: Part 3”, Pu (Perry) Wang (MERL):** This document proposes resolution to several LB272 DMG related CIDs.

The list of CIDs is: 1226, 1394, 1488, 2079, 2090.

CID 1488: Some clarifying discussion.

CID 1394: No discussion.

CID 2079: No discussion.

CID 2090: No discussion.

CID 1226: No discussion.

**Strawpoll:** Do you agree with the proposed resolutions for CIDs 1226, 1394, 1488, 2079 and 2090 in revision 2 of this document?

**Result:** Unanimously supported.

1. Motions:

**Motion 392:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CID 2202
  + as specified in DCN 11-23/1274r0

**Move:** Dong Wei

**Second:** Naren

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/1274r0
  + SP Result: Unanimous consent

**Motion 393:** Move to approve “Rejected” resolutions to the CIDs:

* CID: 1525
* With the following rejection reason: “The commenter has withdrawn the comment”

**Move:** Mahmoud Kamel

**Second:** Alecsander Eitan

**Result:** Motion passed by unanimous consent

**Motion 394:** Move to approve “Rejected” resolutions to the CIDs:

* CID: 2181, 2182, 2192, 2205, 2210
* With the following rejection reason: “The commenter has withdrawn the comment”

**Move:** Narengerile

**Second:** Rui Du

**Result:** Motion passed by unanimous consent

**Motion 395:** Move to approve “Rejected” resolutions to the CIDs:

* CID: 2063 and 2103
* With the following rejection reason: “The commenter has withdrawn the comment”

**Move:** Rui Du

**Second:** Alecsander Eitan

**Result:** Motion passed by unanimous consent

**Motion 396:** Move to approve document 11-23-1167r1 containing editorial updates to clause 11.55.3, requesting that the TGbf editor incorporates the document into the next 11bf draft, granting the TGbf editor editorial license.

**Move:** Yan Xin

**Second:** Pu Perry Wang

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23-1167r1
  + SP Result: Unanimous consent

**Motion 397:** Move to approve document 11-23/1215r1 containing editorial updates to D1.2, requesting that the TGbf editor incorporates the document into the next 11bf draft, granting the TGbf editor editorial license.

**Move:** Leif Wilhelmsson

**Second:** Yan Xin

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-23/1215r1
  + SP Result: Unanimous consent

Motion 398: Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CID 1048, 1049, 1050, 1051, 1233, 1234, 1236, 1393, 1394, 1395, 1396, 1397, 1398, 1399, 1400, 1401, 1402, 1404, 1405, 1406, 1487, 2097, 2298, 2299, and 2301
  + as specified in 11-23/0896r3 “LB272-DMG-Sensing-Instance-CIDs: Part 2”

**Move:** Pu (Perry) Wang

**Second:** Yan Xin

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/0896r3
* SP Result: Unanimous consent

Motion 399: Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CID 1291, 1292, 1293, 1294, 1295, 1460
  + as specified in DCN 11-23/1249r2

**Move:** Ning Gao

**Second:** Pu (Perry) Wang

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-23/1249r2
* SP Result: Unanimous consent

Motion 400: Move to approve “Rejected” resolutions to the CIDs:

* CID: 2240
* With the following rejection reason: “The commenter has withdrawn the comment”

**Move:** Mahmoud Kamel

**Second:** Alecsander Eitan

**Result:** Motion passed by unanimous consent

Motion 401: Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 2101, 1102, 1037, 2104, 1649 and 2105
  + as specified in 11-23/0976r5 ‘LB272 comments SBP comments resolution Part 3’

**Move:** Rui Du

**Second:** Naren

**Result:** Motion passed by unanimous consent

Note：

* Related document 11-23/0976r5
* SP Result: Unanimous consent

Motion 402: Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CID 1764
* as specified in 11-23/1247r3

**Move:** Yan Xin

**Second:** Alecsander Eitan

**Result:** Motion passed by unanimous consent

Note：

* Related document 11-23/1247r3
* SP Result: Unanimous consent

Motion 403 Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CID 2088, 2219
  + as specified in 11-23/1084r2, LB272 CR for DMG CID 2088 2219

**Move:** Narengerile

**Second:** Alecsander Eitan

**Result:** Motion passed by unanimous consent

Note：

* Related document 11-23/1084r2
* SP Result: Unanimous consent

Motion 404: Move to include the text proposed in the following document into the IEEE 802.11bf draft amendment:

* + 11-23/1171r2, LB272 bug fix for SBP procedure

**Move:** Narengerile

**Second:** Alecsander Eitan

**Result:** Motion passed by unanimous consent

Note：

* Related document 11-23/1171r2
* SP Result: Y/ N/ A

Motion 405: Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CID 1226, 1394, 1488, 2079, and 2090
  + as specified in 11-23/1289r2 “LB272-DMG-Sensing-Instance-CIDs: Part 3”

**Move:** Pu (Perry) Wang

**Second:** Alecsander Eitan

**Result:** Motion passed by unanimous consent

Note：

* Related document 11-23/1289r2
* SP Result: Unanimous consent

Motion 406: Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CID 1665
  + as specified in 11-23/1128r0

**Move:** Dongguk Lim

**Second:** Sang Kim

**Result:** Motion passed by unanimous consent

Note：

* Related document 11-23/1128r0
* SP Result: Unanimous consent

**TG Motion 407: closing the remaining CIDs for LB 272:** Move to approve “Rejected” resolutions to the CIDs:

* CID: 1455, 2146, 2176, 2149, 1930, 1986, 1929, 2015, 2052, 1056, 2155, 2156, 1675, 2038, 1660
* With the following rejection reason: “Lack of technical contribution/consensus”.

**Moved:** Pu Perry Wang

**Seconded:** Alecsander Eitan

**Result:** Motion passed by unanimous consent

TG Motion: TGbf re-circulation letter ballot

* Having approved comment resolutions for all of the comments received from LB272 on P802.11bf D1.0 as contained in document 11-23/0314r21, <https://mentor.ieee.org/802.11/dcn/23/11-23-0314-21-00bf-lb272-comments-and-approved-resolutions.xlsx>
* Instruct the editor to prepare P802.11bf D2.0 incorporating these resolutions and,
* Approve a 20 day Working Group Recirculation Ballot asking the question “Should P802.11bf D2.0 be forwarded to SA Ballot?”

**Moved:** Alecsander Eitan

**Seconded:** Dongguk Lim

**Preliminary Result:** Y/N/A: 18/0/1

**Result\*:** Y/N/A: 18/0/1, Motion passes

**Note：**

* \* 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 5:17 pm.