IEEE P802.11
Wireless LANs

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| IEEE 802.11bf – Teleconference Minutes January-March 2024 |
| Date: 2024-03-05 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
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| Sanggook Kim  | LGE |  |  |  |

Abstract

This document contains minutes for the TG 802.11bf teleconference in January-March 2024.

Rev 0: Minutes for TG 802.11bf teleconference on the 25th of January added.

Rev 1: Minutes for TG 802.11bf teleconference on the 30th of January added.

Rev 2: Minutes for TG 802.11bf teleconference on the 6th of February added.

Rev 3: Some corrections made to the minutes on the 30th of January.

Rev 4: Lists of attendees for the three teleconference calls on January 25th, January 30th, and February 6th added.

Rev 5: Minutes for TG 802.11bf teleconference on the 27th and 29th of February added as well as the correspoding lists of attendees.

Rev 6: Minutes for TG 802.11bf teleconference on the 5th of March added as well as the correspoding lists of attendees.

**Thursday, January 25, 2024, 10:00pm - 00:00am (ET)**

**Meeting Agenda:**

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

<https://mentor.ieee.org/802.11/dcn/24/11-24-0204-01-00bf-tgbf-meeting-agenda-2024-01-part2.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. Any other business
8. Adjourn
9. The chair, Tony Han, calls the meeting to order at 10:01pm ET (18 persons are on the call after 15 minutes of the meeting).
10. The chair goes through “Meeting Protocol, Attendance, Voting & Documentation Status” (slide 4), “Participants have a duty to inform the IEEE” (slide 6), and “Ways to inform IEEE” (slide 7).

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

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

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

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

1. The chair goes through the timeline (slide 17).
2. The chair goes through the call for contribution (slide 18)
3. The chair presents the telco Teleconference Times and the schedule for the f2f meeting (slides 19-20).
4. Presentation of submissions:

**11-24/0193r0, “Comment resolution for OST comments – Part 1”, Chaoming Luo (OPPO):** This submission resolves miscellaneous comments under ‘OST’ topic. The following CIDs are resolved: 4013, 4031, 4055, 4160, 4174, 4187, 4188, 4211, 4300, 4306.

CID 4013: No discussion.

CID 4031: Based on feedback from the group the CID is deferred.

CID 4055 and 4174: Some clarifying discussion.

CID 4187 and 4188: The CIDs have been deferred after some offline discussion.

CID 4160: No discussion.

CID 4211: No discussion.

CID 4300: Rather length discussion after which the COD is deferred.

CID 4306: No discussion.

**Straw Poll:** Do you support resolutions to the following CIDs and incorporate the text changes into the latest TGbf draft: 4013, ~~4031~~, 4055, 4160, 4174, ~~4187, 4188~~, 4211, ~~4300~~, 4306, in 11-24/0193r1?

**Result:** Unanimously supported.

**11-24/0196r0, “Comment resolution for OST comments – Part 2”, Chaoming Luo (OPPO):** This submission resolves miscellaneous comments under ‘OST’ topic. The following CIDs are resolved: 4175, 4176, 4184.

CID 4175: No discussion.

CID 4176: No discussion.

CID 4184: Some clarifying discussion. As a result, the proposed resolution is slightly updated.

**Straw Poll:** Do you support resolutions to the following CIDs and incorporate the text changes into the latest TGbf draft: 4175, 4176, 4184, in 11-24/0196r1.

**Result:** Unanimously supported.

**11-24/0203r0, “Comment resolution for CID 4099”, Ning Gao (OPPO):** This submission resolves CID 4099.

CID 4099: No discussion.

**Straw Poll:** Do you support the resolution to CID 4099 and incorporate the text changes into the latest TGbf draft in 11-24/0203r0?

**Result:** Unanimously supported.

**11-24/0192r0, “CR for SBP part in LB 281”, Xiandong Dong (Xiaomi):** This submission proposes resolutions for following 7 CIDs received for WG LB281:4006 4007 4009 4052 4053 4054.

 CID 4006: No discussion.

CID 4007: Some clarifying discussion and as a result the proposed resolution is changed to revised. The CID is deferred.

CID 4009: Based on feedback from the group the resolution is changed to revised and the CID is also deferred.

CID 4052: No discussion.

CID 4053: After some discussion the CID is deferred.

CID 4054: No discussion.

**Straw Poll:** Do you support the resolution to the following 3 CIDs and to incorporate the changes proposed in IEEE 802.11-24/0192r1 to the latest 11bf draft for the following CIDs: 4006 ~~4007~~ ~~4009~~ 4052 ~~4053~~ 4054 ?

 **Result:** Unanimously supported.

**11-24/0195r1, “LB281 comment resolutions for OST”, Rui Du (Huawei):** This submission contains the proposed comment resolutions for the CIDs 4091, 4148, 4193, 4092, 4149, 4150, 4194, 4093, 4152, 4153, 4203, 4094, 4154, 4155, 4156, 4157, 4158, 4095, 4162 and 4163.

CID 4091: No discussion.

CID 4148: No discussion.

CID 4193: No discussion.

CID 4092: No discussion.

CID 4149: No discussion.

CID 4150: No discussion.

CID 4194: No discussion.

CID 4093: No discussion.

CID 4152: No discussion.

CID 4153: No discussion.

CID 4203: Some clarifying discussion about updating one of the figures.

CID 4094: No discussion.

CID 4154: No discussion.

CID 4155: No discussion.

CID 4156: No discussion.

CID 4157: No discussion.

CID 4158: No discussion.

CID 4201: No discussion.

CID 4248: No discussion.

CID 4095: No discussion.

CID 4162: No discussion.

CID 4163: No discussion.

The SP is deferred.

**11-24/0137r1, “LB281 comment resolutions for Exchange part 1”, Rui Du (Huawei):** This submission contains the proposed comment resolutions for the CIDs 4087, 4088, 4136, 4209, 4210, 4200, 4096, 4097, 4171, 4172, 4199, 4207, 4208, 4289, 4098, 4202 and 4264.

CID 4087: No discussion.

CID 4088: No discussion.

CID 4136: No discussion.

CID 4209: No discussion.

CID 4210: No discussion.

Run out of time.

1. Any other business. No response from the group.
2. The meeting is adjourned without objection at 11:59 pm.

**List of Attendees:**

|  |  |  |  |
| --- | --- | --- | --- |
| Breakout | Timestamp | Name | Affiliation |
| TGbf | 1/25 | Beg, Chris | Cognitive Systems Corp. |
| TGbf | 1/25 | CHENG, yajun | Xiaomi Communications Co., Ltd. |
| TGbf | 1/25 | Dong, Xiandong | Xiaomi Inc. |
| TGbf | 1/25 | Eitan, Alecsander | Qualcomm Technologies, Inc. |
| TGbf | 1/25 | feng, Shuling | MediaTek Inc. |
| TGbf | 1/25 | Kim, Sang Gook | LG ELECTRONICS |
| TGbf | 1/25 | Luo, Chaoming | Beijing OPPO telecommunications corp., ltd. |
| TGbf | 1/25 | narengerile, narengerile | Huawei Technologies Co., Ltd |
| TGbf | 1/25 | Raissinia, Alireza | Qualcomm Incorporated |
| TGbf | 1/25 | Tang, Zhuqing | Huawei Technologies Co., Ltd |
| TGbf | 1/25 | Wei, Dong | NXP Semiconductors |
| TGbf | 1/25 | Wilhelmsson, Leif | Ericsson AB |

**Tuesday, January 30, 2024, 9:00am - 11:00am (ET)**

**Meeting Agenda:**

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

<https://mentor.ieee.org/802.11/dcn/24/11-24-0204-02-00bf-tgbf-meeting-agenda-2024-01-part2.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. Any other business
8. Adjourn
9. The chair, Tony Han, calls the meeting to order at 9:01am ET (18 persons are on the call after 20 minutes of the meeting).
10. The chair goes through “Meeting Protocol, Attendance, Voting & Documentation Status” (slide 4), “Participants have a duty to inform the IEEE” (slide 6), and “Ways to inform IEEE” (slide 7).

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

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

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

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

1. The chair goes through the timeline (slide 18).
2. The chair goes through the call for contribution (slide 19)
3. The chair presents the telco Teleconference Times and the schedule for the f2f meeting (slides 20 - 21).
4. Presentation of submissions:

**11-24/0195r3, “LB281 comment resolutions for OST”, Rui Du (Huawei):** This submission contains the proposed comment resolutions for the CIDs 4091, 4148, 4193, 4092, 4149, 4150, 4194, 4093, 4152, 4153, 4203, 4094, 4154, 4155, 4156, 4157, 4158, 4201, 4248, 4095, 4162 and 4163.

The presenter stated that Figure 9-1001bi is corrected and the contribution is updated to r3.

**Straw Poll:** Do you support resolutions to the following CIDs and incorporate the text changes into the latest TGbf draft: 4091, 4148, 4193, 4092, 4149, 4150, 4194, 4093, 4152, 4153, 4203, 4094, 4154, 4155, 4156, 4157, 4158, 4201, 4248, 4095, 4162 and 4163 in 11-24/0195r3?

**Result:** Unanimously supported.

**11-24/0137r2, “LB281 comment resolutions for Exchange part 1”, Rui Du (Huawei):** This submission contains the proposed comment resolutions for the CIDs 4087, 4088, 4136, 4209, 4210, 4200, 4096, 4097, 4171, 4172, 4199, 4207, 4208, 4289, 4098, 4202 and 4264.

CID 4200: Editorial change is made. Steam is corrected to stream.

CID 4096: No discussion.

CID 4171: No discussion.

CID 4172: No discussion.

CID 4199: No discussion.

CID 4207: No discussion.

CID 4208: No discussion.

CID 4289: No discussion.

CID 4098: No discussion.

CID 4202: No discussion.

CID 4264: No discussion.

**Straw Poll:** Do you support resolutions to the following CIDs and incorporate the text changes into the latest TGbf draft: 4087, 4088, 4136, 4209, 4210, 4200, 4096, 4097, 4171, 4172, 4199, 4207, 4208, 4289, 4098, 4202 and 4264 in 11-24/0137r3?

**Result:** Unanimously supported. Document will be updated to r3 and uploaded.

**11-24/0190r0, “LB281-DMG-CID-set1”, Alecsander Eitan (Qualcomm):** This document proposes resolution to LB281 CIDs: 4118, 4119, 4127, 4128 and 4129

CID 4118: No discussion.

CID 4119: No discussion.

CID 4127: No discussion.

CID 4128: No discussion.

CID 4129: No discussion.

**Straw Poll:** Do you agree with the proposed resolutions in revision 0 of this document?

**Result:** Unanimously supported.

**11-24/0191r0, “LB281-DMG-CID-4117”, Alecsander Eitan (Qualcomm):** This document proposes resolution to LB281 CIDs: 4117

CID 4117: No discussion.

**Straw Poll:** Do you agree with the proposed resolutions in revision 0 of this document?

**Result:** Unanimously supported.

**11-24/0217r0, “CR for SBP part2 in LB 281”, Xiandong Dong (Xiaomi):** This submission proposes resolutions for following 6 CIDs received for LB281: 4086 4307 4007 4009 4053 4047.

 CID 4086: Editorial comment. Change firstly to first.

CID 4307: Offline discussion was made with a commenter. The commenter accepted rejection reason.

CID 4007: No discussion

CID 4009: In the resolution, document number is denoted as xxx. Change it to a correct document number. Editorial change. Change a SBP to an SBP.

CID 4053: No discussion

CID 4047: After some discussion the CID is deferred.

**Straw Poll:** SP: Do you support the resolution to the following 5 CIDs and to incorporate the changes proposed in IEEE 802.11-24/0217r1 to the latest 11bf draft for the following CIDs: 4086 4307 4007 4009 4053 ~~4047~~?

**Result:** Unanimously supported. Document will be updated to r1 and uploaded.

The chair asked Ali on the progress of reassigning comments through negotiation. Ali replied that no negotiation is ongoing and if the commenter does not agree with the resolution, then the commenter will have to bring own resolution. The commenter will reach out to Ali.

Chair will wait 1 or 2 days to decide the necessity of Thursday call.

1. Any other business. No response from the group.
2. The meeting is adjourned without objection at 9:59 am.

**List of Attendees:**

|  |  |  |  |
| --- | --- | --- | --- |
| Breakout | Timestamp | Name | Affiliation |
| TGbf | 1/30 | AbidRabbu, Shaima' | IMU, VESTEL |
| TGbf | 1/30 | Beg, Chris | Cognitive Systems Corp. |
| TGbf | 1/30 | CHENG, yajun | Xiaomi Communications Co., Ltd. |
| TGbf | 1/30 | Dong, Xiandong | Xiaomi Inc. |
| TGbf | 1/30 | Kim, Sang Gook | LG ELECTRONICS |
| TGbf | 1/30 | McCann, Stephen | Huawei Technologies Co., Ltd |
| TGbf | 1/30 | narengerile, narengerile | Huawei Technologies Co., Ltd |
| TGbf | 1/30 | Raissinia, Alireza | Qualcomm Incorporated |
| TGbf | 1/30 | Schweizer, Benedikt | Apple Inc. |
| TGbf | 1/30 | Wei, Dong | NXP Semiconductors |
| TGbf | 1/30 | Zhong, Ke | Ruijie Networks Co., Ltd. |

**Tuesday, February 6, 2024, 9:00am - 11:00am (ET)**

**Meeting Agenda:**

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

<https://mentor.ieee.org/802.11/dcn/24/11-24-0246-00-00bf-tgbf-meeting-agenda-2024-02-03.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. Any other business
8. Adjourn
9. The chair, Tony Han, calls the meeting to order at 9:01am ET (18 persons are on the call after 15 minutes of the meeting).
10. The chair goes through “Meeting Protocol, Attendance, Voting & Documentation Status” (slide 4), “Participants have a duty to inform the IEEE” (slide 6), and “Ways to inform IEEE” (slide 7).

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

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

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

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

1. The chair goes through the timeline (slide 17) and points out that the next milestone is the Conditional EC Approval SA Ballot in March.
2. The chair goes through the call for contribution (slide 18).
3. The chair presents the telco Teleconference Times. The next call will be on the 26th of February. Claudio gives a status update.
4. Presentation of submissions:

**11-24/0210r1, “Resolutions for SBP CIDs for LB281-Part 2”, Cheng Chen (Intel):** This submission proposes resolutions to the following comments submitted in LB281 under SBP topic. The CIDs are referring to D3.0. The text used as reference is D3.0.

CIDs: 4048 4050 4056

CID 4048: No discussion.

CID 4050: Some clarifying discussion.

CID 4056: No discussion.

**Straw Poll:** Do you support the proposed resolutions to the CIDs in revision 2 of this document and incorporate the text changes into the latest TGbf draft?

**Result:** Unanimously supported.

**11-24/0202r1, “LB281 resolutions on primitive-related comments”, Narengerile (Huawei):** This document proposes the LB281 comment resolution for CIDs 4068, 4080, 4291, 4177, 4037.

CID 4068: No discussion.

CID 4080: No discussion.

CID 4291: No discussion.

CID 4177: A typo is identified in the proposed resolution. No discussion.

CID 4037: Some clarifying discussion.

**Straw Poll:** Do you agree to the resolution provided for CIDs 4068, 4080, 4291, 4177, 4037 in 24/0202r2 to be included in the latest 11bf Draft?

**Result:** Unanimously supported.

**11-24/0194r0, “LB281 comment resolutions for Reporting”, Rui Du (Huawei):** This submission contains the proposed comment resolutions for the CIDs 4090 and 4212.

CID 4090: No discussion.

CID 4212: No discussion.

**Straw Poll:** Do you support resolutions to the following CIDs and incorporate the text changes into the latest TGbf draft: 4090 and 4212 in 11-24/0194r1?

**Result:** Unanimously supported.

**11-24/0245r0, “LB281 comment resolutions for DMG part 1”, Rui Du (Huawei):** This submission contains the proposed comment resolutions for the CIDs 4067, 4066, 4078 and 4065.

CID 4067: No discussion.

CID 4066: No discussion.

CID 4078: No discussion.

CID 4065: The proposed resolution is changed from accept to revised.

**Straw Poll:** Do you support resolutions to the following CIDs and incorporate the text changes into the latest TGbf draft: 4067, 4066, 4078 and 4065 in 11-24/0245r1?

**Result:** Unanimously supported.

1. Any other business. No response from the group.
2. The meeting is adjourned without objection at 10:13 am.

**List of Attendees:**

|  |  |  |  |
| --- | --- | --- | --- |
| Breakout | Timestamp | Name | Affiliation |
| TGbf | 2/6 | Beg, Chris | Cognitive Systems Corp. |
| TGbf | 2/6 | CHENG, yajun | Xiaomi Communications Co., Ltd. |
| TGbf | 2/6 | Kamel, Mahmoud | InterDigital, Inc. |
| TGbf | 2/6 | Kim, Sang Gook | LG ELECTRONICS |
| TGbf | 2/6 | McCann, Stephen | Huawei Technologies Co., Ltd |
| TGbf | 2/6 | narengerile, narengerile | Huawei Technologies Co., Ltd |
| TGbf | 2/6 | Raissinia, Alireza | Qualcomm Incorporated |
| TGbf | 2/6 | Schweizer, Benedikt | Apple Inc. |
| TGbf | 2/6 | Wei, Dong | NXP Semiconductors |
| TGbf | 2/6 | Wilhelmsson, Leif | Ericsson AB |

**Tuesday, February 27, 2024, 9:00am - 11:00am (ET)**

**Meeting Agenda:**

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

<https://mentor.ieee.org/802.11/dcn/24/11-24-0246-03-00bf-tgbf-meeting-agenda-2024-02-03.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. Motion (502-514)
8. Any other business
9. Adjourn
10. The chair, Tony Han, calls the meeting to order at 9:01am ET (17 persons are on the call after 10 minutes of the meeting).
11. The chair goes through “Meeting Protocol, Attendance, Voting & Documentation Status” (slide 4), “Participants have a duty to inform the IEEE” (slide 6), and “Ways to inform IEEE” (slide 7).

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

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

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

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

1. The chair goes through the timeline (slide 19).
2. The chair goes through the call for contribution (slide 20)
3. The chair presents the telco Teleconference Times and the schedule for the f2f meeting (slides 21 - 22).
4. Motions

**Motion 502:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CIDs: 4013, 4055, 4160, 4174, 4211, 4306
* as specified in doc.: 11-24/0193r1

**Move:** Chaoming Luo

**Second:** Xiandong Dong

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-24/0193r1
* SP Result: Unanimous consent

**Motion 503:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CIDs: 4175, 4176, 4184
* as specified in doc.: 11-24/0196r1

 **Move:** Chaoming Luo

**Second:** Stephen McCann

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-24/0196r1
* SP Result: Unanimous consent

**Motion 504:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CIDs: 4099
* as specified in doc.: 11-24/0203r0

 **Move:** Chaoming Luo

**Second:** Xiandong Dong

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-24/0203r0
* SP Result: Unanimous consent

**Motion 505:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CIDs: 4006 4052 4054
* as specified in doc.: 11-24/0192r1

 **Move:** Xiandong Dong

**Second:** Chaoming Luo

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-24/0192r1
* SP Result: Unanimous consent

**Motion 506:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CIDs: 4086 4307 4007 4009 4053
* as specified in doc.: 11-24/0217r1

 **Move:** Xiandong Dong

 **Second:** Chaoming Luo

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-24/0217r1
* SP Result: Unanimous consent

**Motion 507:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CIDs: 4091, 4148, 4193, 4092, 4149, 4150, 4194, 4093, 4152, 4153, 4203, 4094, 4154, 4155, 4156, 4157, 4158, 4201, 4248, 4095, 4162 and 4163
* as specified in doc.: 11-24/0195r3

 **Move:** Rui Du

**Second:** Zhuqing Tang

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-24/0195r3
* SP Result: Unanimous consent

**Motion 508:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CIDs: 4087, 4088, 4136, 4209, 4210, 4200, 4096, 4097, 4171, 4172, 4199, 4207, 4208, 4289, 4098, 4202 and 4264
* as specified in doc.: 11-24/0137r3

 **Move:** Rui Du

**Second:** Zhuqing Tang

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-24/0137r3
	+ SP Result: Unanimous consent

**Motion 509:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CIDs: 4118, 4119, 4127, 4128 and 4129
* as specified in doc.: 11-24/0190r0

 **Move:** Claudio da Silva

**Second:** Rui Du

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-24/0190r0
* SP Result: Unanimous consent

**Motion 510:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 4117
	+ as specified in doc.: 11-24/0191r0

**Move:** Claudio da Silva

**Second:** Chaoming Luo

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-24/0191r0
* SP Result: Unanimous consent

**Motion 511:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* + CIDs: 4048 4050 4056
	+ as specified in doc.: 11-24/0210r2

**Move:** Cheng Chen

**Second:** Dongguk Lim

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-24/0210r2
	+ SP Result: Unanimous consent

**Motion 512:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CIDs: 4068, 4080, 4291, 4177, 4037
* as specified in doc.: 11-24/0202r2

 **Move:** Naregerile

**Second:** Rui Du

**Result:** Motion passed by unanimous consent

**Note：**

* Related document 11-24/0202r2
* SP Result: Unanimous consent

**Motion 513:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CIDs: 4090 and 4212
* as specified in doc.: 11-24/0194r1

 **Move:** Rui Du

**Second:** Zhuqing Tang

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-24/0194r1
	+ SP Result: Unanimous consent

**Motion 514:** Move to approve resolutions to the following CIDs listed in the following document and incorporate the text changes into the latest TGbf draft:

* CIDs: 4067, 4066, 4078, 4065
* as specified in doc.: 11-24/0245r1

 **Move:** Rui Du

**Second:** Zhuqing Tang

**Result:** Motion passed by unanimous consent

**Note：**

* + Related document 11-24/0245r1
	+ SP Result: Unanimous consent
1. Presentation of submissions:

**11-24/0207r1, “LB281 CR for 11.55.1.5.2 TB sensing measurement exchange”, Atsushi Shirakawa (Sharp Corporation):** This submission proposes resolutions for CID 4164, 4166, 4173, 4258, 4282, 4283, 4293 received for TGbf LB281

CID 4164: No discussion.

CID 4166: No discussion.

CID 4173: No discussion.

CID 4258: No discussion.

CID 4282: No discussion.

CID 4283: No discussion.

CID 4293: No discussion.

**Straw Poll:** Do you agree to the resolution provided for following CID 4164, 4166, 4173, 4258, 4282, 4283, 4293 to be included in the latest 11bf Draft?

**Result:** Unanimously supported.

**11-24/0333ro, “CID 4047 in LB 281”, Xiandong Dong (Xiaomi):** This submission proposes resolutions for following 1 CID received for LB281: 4047. The proposed changes are based on 802.11bf D3.0.

CID 4047: No discussion.

**Straw Poll:** Do you support the resolution to the following 1 CIDs and to incorporate the changes proposed in IEEE 802.11-24/0333r0 to the latest 11bf draft for the following CIDs: 4047?

**Result:** Unanimously supported.

**11-24/0351r1, “Resolution for miscellaneous comments”, Chaoming Luo (OPPO):** This submission resolves miscellaneous comments. The following CIDs are resolved: 4031, 4165, 4298, 4300.

CID 4031: No discussion.

CID 4165: No discussion.

CID 4298: Some editorial comments raised.

CID 4300: Some editorial comments raised.

The document was updated to 11-24/0351r2 and uploaded.

**Straw Poll:** Do you support resolutions to the following CIDs and incorporate the text changes into the latest TGbf draft: 4031, 4165, 4298, 4300, in 11-24/0351r2?

**Result:** Unanimously supported.

1. Any other business. No response from the group.
2. The meeting is adjourned without objection at 10:11 am.

**List of Attendees:**

|  |  |  |  |
| --- | --- | --- | --- |
| Breakout | Timestamp | Name | Affiliation |
| TGbf | 2/27 | Beg, Chris | Cognitive Systems Corp. |
| TGbf | 2/27 | CHENG, yajun | Xiaomi Communications Co., Ltd. |
| TGbf | 2/27 | Dong, Xiandong | Xiaomi Inc. |
| TGbf | 2/27 | feng, Shuling | MediaTek Inc. |
| TGbf | 2/27 | Kamel, Mahmoud | InterDigital, Inc. |
| TGbf | 2/27 | Kim, Sang Gook | LG ELECTRONICS |
| TGbf | 2/27 | Lim, Dong Guk | LG ELECTRONICS |
| TGbf | 2/27 | Luo, Chaoming | Beijing OPPO telecommunications corp., ltd. |
| TGbf | 2/27 | McCann, Stephen | Huawei Technologies Co., Ltd |
| TGbf | 2/27 | narengerile, narengerile | Huawei Technologies Co., Ltd |
| TGbf | 2/27 | Raissinia, Alireza | Qualcomm Incorporated |
| TGbf | 2/27 | Sand, Stephan | German Aerospace Center (DLR) |
| TGbf | 2/27 | Shirakawa, Atsushi | SHARP CORPORATION |
| TGbf | 2/27 | Wei, Dong | NXP Semiconductors |

**Thursday, February 29, 2024, 10:00pm - 00:00am (ET)**

**Meeting Agenda:**

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

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. Any other business
8. Adjourn
9. The chair, Tony Han, calls the meeting to order at 10:00 pm ET (21 persons are on the call after 15 minutes of the meeting).
10. The chair goes through “Meeting Protocol, Attendance, Voting & Documentation Status” (slide 4), “Participants have a duty to inform the IEEE” (slide 6), and “Ways to inform IEEE” (slide 7).

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

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

The chair goes through the agenda (slide 18) and asks if there are any question on the agenda. No response from the group.

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

1. The chair goes through the timeline (slide 19).
2. The chair goes through the call for contribution (slide 20). The next milestone is the conditional EC approval.
3. The chair presents the telco Teleconference Times and the schedule for the f2f meeting (slides 21-22). Claudio summarizes the status for the CRs and Tony checks with the group if there is any issues related to the remaining CIDs.
4. Presentation of submissions:

**11-24/0314r0, “**LB281 CR for Threshold-based Reporting**”, Mengshi Hu (Huawei):** This submission resolves miscellaneous comments under ‘OST’ topic. The following CIDs are resolved: 4013, 4031, 4055, 4160, 4174, 4187, 4188, 4211, 4300, 4306.

CID 4167: No discussion.

CID 4168: Some clarifying discussion and as a result a note is added. The proposed resolution is changed from accepted to revised.

**Straw Poll:** Do you support resolutions to the following CIDs and incorporate the text changes into the latest TGbf draft: 4167 and 4168 in 11-24/0314r1?

**Result:** Unanimously supported.

**11-24/0301r1, “LB281 comment resolutions for OST CIDs Part 1”, Zhuqing Tang (Huawei):** This submission contains the proposed comment resolutions for the CIDs: 4005, 4026, 4027, 4028, 4029, 4070.

CID 4005: No discussion.

CID 4070: Some clarifying discussion.

CID 4026: No discussion.

CID 4027: No discussion.

CID 4029: No discussion.

CID 4028: No discussion.

**Straw Poll:** Do you support resolutions to the following CIDs and incorporate the text changes into the latest TGbf draft: 4005, 4026, 4027, 4028, 4029, 4070 in 11-24/0301r1?

**Result:** Unanimously supported.

11-24/0302r0, “LB281 comment resolutions for OST CIDs Part 2”, Zhuqing Tang (Huawei): This submission contains the proposed comment resolutions for the CIDs: 4022, 4023, 4024, 4025, 4072, 4159, 4161, 4252.

CID 4022: No discussion.

CID 4072: No discussion.

CID 4023: No discussion.

CID 4024: No discussion.

CID 4025: Some clarifying discussion and minor update of the proposed resolution.

CID 4159: No discussion.

CID 4161: No discussion.

CID 4252: No discussion.

**Straw Poll:** Do you support resolutions to the following CIDs and incorporate the text changes into the latest TGbf draft: 4022, 4023, 4024, 4025, 4072, 4159, 4161, 4252 in 11-24/0302r1?

**Result:** Unanimously supported.

**11-24/0361r1, “LB281-DMG-CIDs-set-1”, Assaf Kasher (Self):** This document proposes resolution to the following CIDs: 4121, 4132, 4130, 4131.

CID 4121: No discussion.

CID 4132: No discussion.

CID 4130: Some clarifying discussion.

CID 4131: No discussion.

Some typo is spotted on the first page and as a result r2 will be uploaded.

**Straw Poll:** Do you support the resolution to CIDs: 4121, 4132, 4130, 4131 described in document 11-24-0361r2?

**Result:** Unanimously supported.

**11-24/0307r0, “LB281 comment resolutions for Exchange part 2”, Rui Du (Huawei):** This submission contains the proposed comment resolutions for the CIDs 4079, 4081 and 4204.

CID 4079: No discussion.

CID 4081: Some clarifying discussion and as a result the proposed resolution is slightly updated.

CID 4204: No discussion.

**Straw Poll:** Do you support resolutions to the following CIDs and incorporate the text changes into the latest TGbf draft: 4079, 4081 and 4204 in 11-24/0307r0?

**Result:** Unanimously supported.

**11-24/0149r0, “LB281 Reporting CID Resolutions”, Chris Beg (Cognitive Systems):** This submission addresses the following 8 LB281 CIDs: 4040 4041 4042 4043 4044 4142 4143 4279.

CIDs 4040, 4041,4042,4043, 4044: No discussion.

CID 4142: Some clarifying discussion and as a result the proposed resolution will be slightly updated.

CID 4143: No discussion.

CID 4279: No discussion.

**Straw Poll:** Do you support the resolution to CIDs 4040 4041 4042 4043 4044 4142 4143 4279 from 11-24/0149r0 and to incorporate the changes into the latest TGbf draft?

**Result:** Deferred.

**11-24/0370r0, “Proposed resolutions for comments on D3.0”, Claudio da Silva (Meta Platforms):** This document contains proposed resolutions for technical comments on D3.0 (LB281). The text used as reference is D3.0.

CIDs: 4272, 4273, 4274, 4076, 4139, 4089, 4137, 4302, 4303, 4182, 4183, 4205, 4206, 4002, 4003, 4213, 4220, 4221, 4223, 4224, 4225, 4227, 4228, 4229, 4230, 4231, 4232, 4233, 4234, 4235, 4236, 4237, 4238, 4239, 4240, 4241, 4263, 4265, 4222, 4226, 4198, 4305, 4069

CIDs 4272, 4273, and 4274: Some clarifying discussion.

CID 4076: No discussion.

CID 4139: No discussion.

CIDs 4089 and 4137: Comment from the group that the text referred to in 11bk has been updated.

CIDs 4302 and 4303: No discussion.

CIDs 4182 and 4183: No discussion.

CIDs 4205 and 4206: No discussion.

CID 4002: Based on feedback from the group, the proposed resolution is slightly updated.

Run out of time.

The chair proposes to cancel the call on Monday next week.

1. Any other business. No response from the group.
2. The meeting is adjourned without objection at 12:01 am.

**List of Attendees:**

|  |  |  |  |
| --- | --- | --- | --- |
| Breakout | Timestamp | Name | Affiliation |
| TGbf | 2/29 | Beg, Chris | Cognitive Systems Corp. |
| TGbf | 2/29 | CHENG, yajun | Xiaomi Communications Co., Ltd. |
| TGbf | 2/29 | Dong, Xiandong | Xiaomi Inc. |
| TGbf | 2/29 | feng, Shuling | MediaTek Inc. |
| TGbf | 2/29 | Hsu, Ostrovsky | Xiaomi Communications Co., Ltd. |
| TGbf | 2/29 | Kamel, Mahmoud | InterDigital, Inc. |
| TGbf | 2/29 | Kim, Sang Gook | LG ELECTRONICS |
| TGbf | 2/29 | Luo, Sixian | SHARP CORPORATION |
| TGbf | 2/29 | narengerile, narengerile | Huawei Technologies Co., Ltd |
| TGbf | 2/29 | Raissinia, Alireza | Qualcomm Incorporated |
| TGbf | 2/29 | Wei, Dong | NXP Semiconductors |
| TGbf | 2/29 | Wilhelmsson, Leif | Ericsson AB |

**Tuesday, February 27, 2024, 9:00am - 11:00am (ET)**

**Meeting Agenda:**

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

<https://mentor.ieee.org/802.11/dcn/24/11-24-0246-07-00bf-tgbf-meeting-agenda-2024-02-03.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. Discussion of “Report to EC on Conditional Approval to go to SA Ballot”
8. Any other business
9. Adjourn
10. The chair, Tony Han, calls the meeting to order at 9:00am ET (20 persons are on the call after 10 minutes of the meeting).
11. The chair goes through “Meeting Protocol, Attendance, Voting & Documentation Status” (slide 4), “Participants have a duty to inform the IEEE” (slide 6), and “Ways to inform IEEE” (slide 7).

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

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

The chair goes through the agenda (slide 19) and asks if there are any question on the agenda. No response from the group.

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

1. The chair goes through the timeline (slide 20).
2. The chair goes through the call for contribution (slide 21)
3. The chair presents the telco Teleconference Times and the schedule for the f2f meetings in March and May (slides 22 - 25). Claudio gives an update of CRs.
4. Presentation of submission.

**11-24/0149r0, “LB281 Reporting CID Resolutions”, Chris Beg (Cognitive Systems):** This submission addresses the following 8 LB281 CIDs: 4040 4041 4042 4043 4044 4142 4143 4279.

Chris presented this in the last teleconference, but as one of the resolutions was updated the SP was deferred.

CID 4142: No discussion.

**Straw Poll:** Do you support the resolution to CIDs 4040 4041 4042 4043 4044 4142 4143 4279 from 11-24/0149r1 and to incorporate the changes into the latest TGbf draft?

**Result:** Unanimously supported.

**11-24/0310r0, “Proposed resolutions for comments on D3.0”, Atsushi Shirakawa (Sharp):** This submission proposes resolutions for CID 4038, 4057, 4146, 4169, 4170, 4214, 4215, 4216, 4217, 4218, 4219, 4260 received for TGbf LB281.

CIDs 4214, 4217, 4218, 4219, and 4260: No discussion.

CIDs 4038 and 4146: Some clarifying discussion.

CIDs 4169 and 4170: No discussion.

CIDs 4215 and 4116: No discussion.

CID 4057: No discussion.

**Straw Poll:** Do you agree to the resolution provided for following CID 4038, 4057, 4146, 4169, 4170, 4214, 4215, 4216, 4217, 4218, 4219, 4260 to be included in the latest 11bf Draft?

**Result:** Unanimously supported.

**11-24/0370r2, “Proposed resolutions for comments on D3.0”, Claudio da Silva (Meta Platforms):** This document contains proposed resolutions for technical comments on D3.0 (LB281). The text used as reference is D3.0.

CIDs: 4272, 4273, 4274, 4076, 4139, 4089, 4137, 4302, 4303, 4182, 4183, 4205, 4206, 4002, 4003, 4213, 4220, 4221, 4223, 4224, 4225, 4227, 4228, 4229, 4230, 4231, 4232, 4233, 4234, 4235, 4236, 4237, 4238, 4239, 4240, 4241, 4263, 4265, 4222, 4226, 4198, 4305, 4069

 Claudio started to present this contribution in the latest teleconference but ran out of time.

CID 4002: No discussion.

CID 4003: No discussion.

CIDs 4213, 4220, 4221, 4223, 4224, 4225, 4227, 4228, 4229, 4230, 4231, 4232, 4233, 4234, 4235, 4236, 4237, 4238, 4239, 4240, 4241, 4263, 4265: Claudio explains that the comment relates to a limitation in Framemaker. No discussion.

CIDs 4222 and 4226: No discussion.

CIDs 4198 and 4305: No discussion.

CID 4069: No discussion.

**Straw Poll:** Do you agree with the resolutions provided in this document?

**Result:** Unanimously supported.

1. Discussion of “Report to EC on Conditional Approval to go to SA Ballot”

Tony presents document 11-24/0419r0.

Stephen McCann explains for the group the background and reason for why this report is written and will be presented by Dorothy to EC.

Q: At what state will EC allow to form the pool for the SA Ballot?

A: Basically, this is not critical. Once you have formed the pool it will be valid for 6 months. Realistically, the SA Ballot starts in May and then the pool should have been formed.

1. Any other business. No response from the group.
2. The meeting is adjourned without objection at 10:25 am.

**List of Attendees:**

|  |  |  |  |
| --- | --- | --- | --- |
| Breakout | Timestamp | Name | Affiliation |
| TGbf | 3/5 | Beg, Chris | Cognitive Systems Corp. |
| TGbf | 3/5 | CHENG, yajun | Xiaomi Communications Co., Ltd. |
| TGbf | 3/5 | Dong, Xiandong | Xiaomi Inc. |
| TGbf | 3/5 | feng, Shuling | MediaTek Inc. |
| TGbf | 3/5 | Kamel, Mahmoud | InterDigital, Inc. |
| TGbf | 3/5 | Kim, Sang Gook | LG ELECTRONICS |
| TGbf | 3/5 | Lim, Dong Guk | LG ELECTRONICS |
| TGbf | 3/5 | McCann, Stephen | Huawei Technologies Co., Ltd |
| TGbf | 3/5 | narengerile, narengerile | Huawei Technologies Co., Ltd |
| TGbf | 3/5 | Raissinia, Alireza | Qualcomm Incorporated |
| TGbf | 3/5 | Schweizer, Benedikt | Apple Inc. |
| TGbf | 3/5 | Shirakawa, Atsushi | SHARP CORPORATION |
| TGbf | 3/5 | Sosack, Robert | Molex Incorporated |
| TGbf | 3/5 | Wei, Dong | NXP Semiconductors |