IEEE P802.11  
Wireless LANs

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| March 2024 Plenary minutes | | | | |
| Date: 2024-3-17 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Dibakar Das | Intel |  |  | Dibakar.das@intel.com |

Abstract

This document contains TGbk March 2024 plenary meeting minutes

## TGbk – March 11, 2024

* 1. Called to order by TGbk Chair, Jonathan Segev (Intel)
  2. Agenda Doc. [**IEEE 802.11-219/r0**](https://mentor.ieee.org/802.11/dcn/24/11-24-0219-00-00bk-tgbk-march-meeting-agenda.pptx)
  3. Review Patent Policy and logistics
     1. Chair reviewed policy guidelines for the members
     2. Suggested members to sign-in to Attendance server (IMAT) with the link shown on the slide
     3. Asked everyone to register
     4. Chair called for any potentially essential patents, no one stepped forward.
  4. Agenda
     1. Approval of previous meeting minutes and motion from telecon that met draft text threshold
     2. Review LB279 results and CID assignment
     3. Review technical amendment text submissions (as time permits)
     4. Continue CR per CR submissions (as time permits)
     5. Conduct CR as a group (as time permits).
     6. Chair asked if there’s any agenda items that members want to add? Any objection for the agenda for the week
        1. One member raised an issue regarding the proposed resolutions given by editor as to whether or not a new comment proposal resolution will be brought up in this meeting. Editor mentioned that he plans to do that in this meeting.
        2. No more feedback was given so chair asked to approve the meeting agenda and no objections were given
     7. Agenda approved.
  5. 7. Chair reviewed the list of contributions to be presented during the meeting
     1. Stephan Sand indicated that the submission is ready for presentation
     2. Julia has asked for her presentation to go to the end of the queue
  6. **Motion (202403-06):**

Move to approve document 11-24/287r1 as TGbk meeting minutes for the 2024 January meeting week.

Moved by: Roy Want

Seconded by: Ali Raissinia

Results (Y/N/A): unanimous

* 1. Motion (202403-07) :

Move to adopt the resolution depicted by document 11-24-285r1 for CIDs 1323, 1329, 1332, 1333, 1337, 1395, 1396, and 1340 (total of 8 CIDs), instruct the technical editor to incorporate it in the P802.11bk draft and grant the editor editorial license.

Moved: Christian Berger

Second: Ali Raissinia

Results (Y/N/A): unanimous

* 1. Motion (202403-08) :

Move to adopt the resolution depicted by document 11-24-285r1 for CID 1330 (total of 1 CID), instruct the technical editor to incorporate it in the P802.11bk draft and grant the editor editorial license.

Moved: Christian Berger

Second: Ali Raissinia

Results (Y/N/A): unanimous

* 1. Motion (202403-09) :

Move to adopt the resolution depicted by document 11-24-215r2 for CIDs 1136, 1010, 1045, 1046, 1165, 1229, 1231, 1243, 1244, 1246, 1247, 1249, and 1250 (13 total), instruct the technical editor to incorporate it in the P802.11bk draft and grant the editor editorial license.

Moved: Ali Raissinia

Second: Christian Berger

Results: Unanimous

* 1. Motion (202403-10) :

Move to adopt the resolution depicted by document 11-24-225r2 for CID 1085(total of 1 CID), instruct the technical editor to incorporate it in the P802.11bk draft and grant the editor editorial license.

Moved: Christian Berger

Second: Ali Raissinia

Results (Y/N/A): unanimous

* 1. Motion (202403-11) :

Move to adopt the resolution depicted by document 11-24-272r4 for CIDs 1081, 1234, 1278, 1156, 1279, 1034, 1082, 1137, 1138, 1367, 1368, 1083, 1035, 1084, 1287, 1288, 1391, 1158, 1159 (total of 19), instruct the technical editor to incorporate it in the P802.11bk draft and grant the editor editorial license.

Moved: Roy Want

Second: Christian Berger

Results (Y/N/A): unanimous

* 1. Motion (202403-08) :

Move to adopt the resolution depicted by document 11-24-285r1 for CID 1330 (total of 1 CID), instruct the technical editor to incorporate it in the P802.11bk draft and grant the editor editorial license.

Moved: Christian Berger

Second: Ali Raissinia

Results (Y/N/A): unanimous

* 1. Roy Want presented the latest status of the CID resolutions with all CIDs being assigned
     1. Ali Raissinia has two CIDs regarding eMLSR
     2. Christian Berger has one CID on NDP format
     3. Dibakar is planning to submit resolutions for 10 assigned CIDs
  2. Julia Feng presented 11-24-278r2,
     1. Title: LB279 Comment Resolution for CID 1016
     2. The changes simply clarified TGbk’s editor instructions
     3. Mark made a comment regarding the content of the resolution box and was resolved by including the document pointer instead and uploaded as r3.
  3. Stephan Sand presented 11-24- 288r2
     1. Title: LB279 comment resolutions for measurement sounding phase of TB ranging
     2. Several comments regarding the proposed resolutions were made and incorporated in the revisions.
     3. Power control and synchronization applied to associated STA as opposed to HE-STAs
  4. Motion (202403-12) :

Move to adopt the resolution depicted by document 11-24-278r3 for CID 1016

(total of 1), instruct the technical editor to incorporate it in the P802.11bk draft and grant the editor editorial license.

Moved: Julia Feng

Second: Christian Berger

Results (Y/N/A): unanimous

* 1. Motion (202403-13) :

Move to adopt the resolution depicted by document 11-24-288r1 for CIDs 1059, 1080, 1113, 1123, 1125 (total of 5 CIDs), instruct the technical editor to incorporate it in the P802.11bk draft and grant the editor editorial license.

Moved: Stephan Sand

Second: Christian Berger

Results (Y/N/A): unanimous

* 1. Recessed

## TGbk – March 12, 2024

* 1. Called to order by TGbk Chair, Jonathan Segev (Intel) at at 12:32 PST**.**
  2. Agenda Doc. [**IEEE 802.11-219/r1**](https://mentor.ieee.org/802.11/dcn/24/11-24-0219-01-00bk-tgbk-march-meeting-agenda.pptx)
  3. Review Patent Policy and logistics
     1. Chair reviewed meeting logistics and the duty to register if one is present at the meeting.
     2. Reminder to log attendance.
     3. Chair reminded audience of the IEEE-SA Patent Policy, duty to inform, the guideline for IEEE WG meetings and logistics Chair called for any potentially essential patents, no one stepped forward.
     4. Chair reminded audience of the about other guidelines for IEEE meetings, antitrust and competition laws, provided link to patent-related information asked if any clarifications are requested, no one stepped forward.
     5. Chair reminded audience of the IEEE SA copyright policy.
     6. Chair reminded audience of the IEEE code of ethics and reviewed WG participation as an individual professional. – no clarification requested.
  4. Agenda
     1. Motion telecon minute running Jan. to March.
     2. Continue CR per CR submissions (as time permits)
        1. 11-24-295- LB279 CID 1050 CR (Jonathan Segev)
        2. 11-24-422 LB279 Comment Resolution for CIDs in sec-11 part 2 ( Ali Raissinia)
        3. 11-24-271 LB279 comment resolution CID 1163 (Christian Berger)
        4. 11-24-506 LB279 CR (Jonathan Segev)
        5. 11-24-0232 LB279 CR for CID 1363, 1029, 1124, 1391, 1169 (Julia Feng)
     3. Agenda approved.
  5. Roy Want presented doc 11-24-13
     1. C: is it available on mentor ?
     2. R: yes, also includes r5.
  6. **Motion** (202403-14):

Move to approve document 11-24/432r0 as TGbk meeting minutes for telecon running between the January and March IEEE meeting weeks.

Moved by: Dibakar Das

Seconded by: Roy Want

Results (Y/N/A): Unanimous

* 1. Jonathan presented 11-24-0295r0
     1. Title: LB279 Comment Resolution – Clause 11
     2. C: the deleted line in first bullet of P3 is it really redundant?
     3. R: P67L6 has the same text.
     4. C: in P4, “HE SU PPDU” -> “an HE SU PPDU”
     5. C: On the deleted text in P3, if one received an NDP-A in non-ht dup PPDU, what is the BW of R2I NDP ?
     6. R: Rely on sig field of the I2R NDP.
     7. C: the text in p65L17 does not tell us how RSTA sends R2I NDP. We still seem to know it from I2R NDP.
     8. R: P3 of doc third bullet (P40L40-43 in 11bk d1.0) the deleted text “ for the ranging NDP announcement frame..” needs to be revisited during SA ballot.
  2. Ali Raissinia presented 11-24-422r0
     1. Title: LB279 Comment Resolution for CIDs in sec-11 part 2
     2. C: Re CID 1213, if there is no change brought by this doc, explicitly say this is a “reject” or instruct editor that no further changes needed.
     3. C: Re CID 1126, the text seems hard to read. Remove the parathesis “(TB)”.
     4. R: some wordsmithing to clarify. The reason to have the parathesis to account for passive case.
     5. Motion 2024101-02:

Move to adopt submission 11-24-038r1 as resolution for LB279 CID 1044 and assign the editor editorial license.

**Move:** Christian Berger

**Second:** Ali Raissinia

**Results (Y/N/A):** unanimous

* 1. Motion (202403-15):

Move to adopt the resolution depicted by document 11-24-295r1 for CID 1050 (total of 1 CID), instruct the technical editor to incorporate it in the P802.11bk draft and grant the editor editorial license.

Moved: Christian Berger

Second: Ali Raissinia

Results (Y/N/A): Unanimous

* 1. Motion (202403-16) :

Move to adopt the resolution depicted by document 11-24-422r1 for CIDs

1182, 1213, 1126, 1155, 1270, 1271, and 1272 (7 CIDs total), instruct the technical editor to incorporate it in the P802.11bk draft and grant the editor editorial license.

Moved: Ali Raissinia

Second: Christian Berger

Results (Y/N/A): Unanimous

* 1. Christian Berger presented 11-24-271r3
     1. Title: LB279 Comment Resolution
     2. C: should we define “sounding BW” as well ?
     3. R: we could but it was easier not to do it.
  2. Motion (202403-17) :

Move to adopt the resolution depicted by document 11-24-271r4 for CIDs

1163, 1124 (2 CIDs total), instruct the technical editor to incorporate it in the P802.11bk draft and grant the editor editorial license.

Moved: Christian Berger

Second: Dibakar Das

Discussion: there seems to be some editiorial issues.

Results (Y/N/A): unanimous

* 1. Recess at 2:31 PM PST

## TGbk – March 13, 2023

* 1. Called to order by TGbk Chair, Jonathan Segev (Intel) at **15:01 PST.**
  2. Agenda Doc: [IEEE 802.11-219/r3](https://mentor.ieee.org/802.11/dcn/24/11-24-0219-03-00bk-tgbk-march-meeting-agenda.pptx)
  3. Review Patent Policy and logistics
     1. Chair reviewed meeting logistics and the duty to register if one is present at the meeting.
     2. Reminder to log attendance in imat
     3. Chair reminded audience of the IEEE-SA Patent Policy, duty to inform, the guideline for IEEE WG meetings and logistics – no clarifications requested.
     4. Chair called for any potentially essential patents, no one stepped forward.
     5. Chair reminded about other guidelines for IEEE meetings, antitrust and competition laws, provided link to patent-related information asked if any clarifications are requested, no one stepped forward.
     6. Chair reminded audience of the IEEE SA copyright policy
     7. Chair reminded audience of the IEEE code of ethics and reviewed WG participation as an individual professional. – no clarification requested
     8. Chair reminded audience of the IEEE-SA standards ByLaws about fair and equitable consideration of viewpoints
     9. Chair reminded audience of the IEEE 802 ground rules
  4. Agenda
     1. Review submissions (as time permits)
        1. 11-24-596 LB279-editorial-comment-resolution-part2 (Roy Want)
        2. 11-24-597 LB279-technical-comments-recognized-as-editorials-by-tgbk (Roy Want)
        3. 11-24-506 LB279 CR (Jonathan Segev)
        4. 11-24-570 LB279 Comment Resolution for clause 36.3.4.1 (Niranjan Grandhe)
        5. 11-24-580 CR for CIDs in 11.21.6.4.3.1 (Dibakar Das)
        6. 11-24-232 LB279 CR for CID 1169 (Julia Feng)
     2. Group CR (as time permits)
     3. Agenda approved
  5. Roy Want presented 11-24-596
  6. Motion (202403-18) :

Move to adopt the resolution depicted by document 11-24-596r0 for CIDs 1038, 1100, 1101, 1102, 1104, 1105, 1106, 1107, 1108, 1111, 1130, 1144, 1359, 1364,

1365, 1373, 1384, 1390 (18 CIDs total), instruct the technical editor to incorporate it in the P802.11bk draft and grant the editor editorial license.

Moved: Roy Want

Second: Christian Berger

Results (Y/N/A): unanimous

* 1. Roy Want presented 11-24-597
     1. Title: LB279-technical-comments-recognized-as-editorials-by-TGbk
     2. No comments
  2. Motion (202403-19):

Move to adopt the resolution depicted by document 11-24-597r0 for CIDs 1007, 1012, 1017, 1018, 1036, 1072, 1091, 1092, 1093, 1180, 1184, 1187, 1269, 1274,

1275, 1276, 1374 (17 CIDs total), instruct the technical editor to incorporate it in the P802.11bk draft and grant the editor editorial license.

Moved: Roy Want

Second: Christian Berger

Results (Y/N/A): unanimous

* 1. Jonathan Segev presented 11-24-506r0
     1. Title: LB279 Comment Resolution to various sections
     2. C: suggest to remove the entire term “Null SAC LTF”.
     3. R: prefer to keep and discuss this in separate CID.
     4. C: editorial to add “#” before each CID tag
  2. Motion (202403-20) :

Move to adopt the resolution depicted by document 11-24-506r0 for CIDs 1191, 1253, 1257, 1393, 1356, 1188, 1189, 1095, 1096, 1097 and 1146 (total of 11 CIDs), instruct the technical editor to incorporate it in the P802.11bk draft and grant the editor editorial license.

Moved: Christian Berger

Second: Roy Want

Results (Y/N/A): unanimous

* 1. Niranjan Grandhe presented 11-24-570
     1. Title: LB279 Comment Resolution
     2. C: Re CID 1087, keep the “same EHT LTF User Block is applied to all users”.
     3. R: this is for NTB so has only one user.
  2. Motion (202403-21) :

Move to adopt the resolution depicted by document 11-24-570r1 for CIDs 1086,1087,1318 (total of 3 CIDs), instruct the technical editor to incorporate it in the P802.11bk draft and grant the editor editorial license.

Moved: Niranjan Grandhe

Second: Roy Want

Results (Y/N/A): Unanimous

* 1. Dibakar Das presented 11-24-580r2
     1. Title: CR for CIDs in 11.21.6.4.3.1
  2. Motion (202403-22) :

Move to adopt the resolution depicted by document 11-24-580r2 for CIDs 1078, 1112, 1166, 1167, 1168, 1273, 1378, 1392, 1077, 1259 (total of 10 CIDs), instruct the technical editor to incorporate it in the P802.11bk draft and grant the editor editorial license.

Moved: Dibakar Das

Second: Ali Raissinia

Results (Y/N/A): unanimous

* 1. Julia Feng presented 11-24-232
     1. Title: LB279 Comment Resolution for CID 1363, 1029, 1124, 1391, 1169
     2. C: RE CID 1169, is this section already handled by a different document ?
     3. Group investigated and confirmed this has not been handled elsewhere.
     4. C: clarify that exactly one user is assigned in an RU of a MU PPDU
     5. To continue tomorrow
  2. Recess at 5:00 PM PST

## TGbk – March 14, 2023 (AM2)

* 1. Called to order by TGbk Chair, Jonathan Segev (Intel) at **10:01 PST.**
  2. Agenda Doc: [IEEE 802.11-219/r4](https://mentor.ieee.org/802.11/dcn/24/11-24-0219-04-00bk-tgbk-march-meeting-agenda.pptx)
  3. Review Patent Policy and logistics
     1. Chair reviewed meeting logistics and the duty to register if one is present at the meeting.
     2. Reminder to log attendance in imat
     3. Chair reminded audience of the IEEE-SA Patent Policy, duty to inform, the guideline for IEEE WG meetings and logistics – no clarifications requested.
     4. Chair called for any potentially essential patents, no one stepped forward.
     5. Chair reminded about other guidelines for IEEE meetings, antitrust and competition laws, provided link to patent-related information asked if any clarifications are requested, no one stepped forward.
     6. Chair reminded audience of the IEEE SA copyright policy
     7. Chair reminded audience of the IEEE code of ethics and reviewed WG participation as an individual professional. – no clarification requested
     8. Chair reminded audience of the IEEE-SA standards ByLaws about fair and equitable consideration of viewpoints
     9. Chair reminded audience of the IEEE 802 ground rules
  4. Agenda
     1. Review submissions (as time permits)
        1. 11-24-0232 LB279 CR for CID 1363, 1029, 1124, 1391, 1169 (Julia Feng)
        2. 11-24-601 EMLSR FTM operation (Ali Raissinia) rescheduled to PM1
        3. 11-24-607 Updated editorial CID resolutions (Roy Want)
        4. 11-24-574 LB279 Comment Resolution EHT MAC/PHY Part 6 (Christian Berger)
     2. Consider WG LB recirculation (15min – as time permits) – scheduled to next meeting slot.
     3. AoB
     4. Agenda approved
  5. Motion (202403-23) :

Move to adopt the resolution depicted by document 11-24-232r2 for CIDs 1363, 1029, 1391, 1169 (total of 4 CIDs), instruct the technical editor to incorporate it in the P802.11bk draft and grant the editor editorial license.

Moved: Julia Feng

Second: Ali Raissinia

Results (Y/N/A): unanimous

* 1. Ali defers doc 601 to next slot.
  2. Recess till 10:25 PST while waiting for Christian to join
  3. Christian Berger presented 11-24-574r0
     1. Title: LB279 Comment Resolution EHT MAC/PHY Part 6
     2. C: re CID 1094, clarify if its same resolution as 1037. Is the intention to apply the same definition to EHT LTFs ?
     3. R: yes
     4. C: re CID 1005, the issue is mostly for STAs that are not intended recepients of the NDP.
     5. C: suggest to say unintended receivers might have other means to discard the NDP without requiring signaling in SIG field.
     6. C: re CID 1037, for clarity add a note to the editor that the definition is in baseline spec.
  4. Motion (202403-24) :

Move to adopt the resolution depicted by document 11-24-574r1 for CIDs 1037, 1094, 1005, and 1088 (total of 4 CIDs), instruct the technical editor to incorporate it in the P802.11bk draft and grant the editor editorial license.

Moved: Christian Berger

Second: Ali Raissinia

Results (Y/N/A): unanimous

* 1. Roy Want presented 11-24-0607r0
     1. Title: LB279-updated-editorial-cid-resolutions
     2. Some discussion on whether “User block” and “repition blocks” considered as fields ?
  2. Motion (202403-25) :

Move to adopt the resolution depicted by document 11-24-607r1 for CIDs 1195, 1214, 1237, 1240, 1248, 1255, 1264, 1289, 1294, 1313 and 1320 (total of 11 CIDs), instruct the technical editor to incorporate it in the P802.11bk draft and grant the editor editorial license.

Moved: Roy Want

Second: Ali Raissinia

Results (Y/N/A): unanimous

* 1. Recess at 11:28 PST

## TGbk – March 14, 2023 (PM1)

* 1. Called to order by TGbk Chair, Jonathan Segev (Intel) at **12:31 PST.**
  2. Agenda Doc: [IEEE 802.11-219/r4](https://mentor.ieee.org/802.11/dcn/24/11-24-0219-04-00bk-tgbk-march-meeting-agenda.pptx)
  3. Review Patent Policy and logistics
     1. Chair reviewed meeting logistics and the duty to register if one is present at the meeting.
     2. Reminder to log attendance in imat
     3. Chair reminded audience of the IEEE-SA Patent Policy, duty to inform, the guideline for IEEE WG meetings and logistics – no clarifications requested.
     4. Chair called for any potentially essential patents, no one stepped forward.
     5. Chair reminded about other guidelines for IEEE meetings, antitrust and competition laws, provided link to patent-related information asked if any clarifications are requested, no one stepped forward.
     6. Chair reminded audience of the IEEE SA copyright policy
     7. Chair reminded audience of the IEEE code of ethics and reviewed WG participation as an individual professional. – no clarification requested
     8. Chair reminded audience of the IEEE-SA standards ByLaws about fair and equitable consideration of viewpoints
     9. Chair reminded audience of the IEEE 802 ground rules
  4. Agenda
     1. Review submissions (as time permits)
        1. 11-24-601 EMLSR FTM operation (Ali Raissinia)
     2. Consider WG LB recirculation
     3. Review, consider and update project timelines
     4. Review this week’s achievements and targets towards March meeting
     5. Set telecon times.
     6. AoB
     7. Agenda approved
  5. Ali Raissinia presented 11-24-601r3
     1. Title: LB279 Comment Resolution for eMLSR related CIDs
     2. Recess till 1 PM PST
     3. Resume at 1 PM PST
     4. Ali continued with CR
  6. Motion (202403-26) :

Move to adopt the resolution depicted by document 11-24-601r4 for CIDs 1162 and 1164 (total of 2 CIDs), instruct the technical editor to incorporate it in the P802.11bk draft and grant the editor editorial license.

Moved: Ali Raissinia

Second: Roy Want

Results (Y/N/A): unanimous

* 1. Reviewed timeline
  2. Scheduled telecon:
     1. C: how long to generate the draft?
     2. R: 2-3 weeks
  3. AoB
  4. Adjourned at 1:27 PM PST