IEEE P802.11  
Wireless LANs

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| TGbk January-March 2024 Telecon Minutes | | | | |
| Date: 2024-01-30 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
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Abstract

This document contains TGbk January-March 2024 telecon minutes.

## TGbk –January 30th, 2024

* 1. Called to order by TGbk Chair, Jonathan Segev (Intel Corporation), at **10:00 PST,**
  2. Agenda Doc. IEEE 802.[11-23/2124r**4**](https://mentor.ieee.org/802.11/dcn/23/11-23-2124-04-00bk-tgbk-january-meeting-agenda.pptx)
  3. Review Patent Policy and logistics
     1. Chair reviewed the IEEE-SA Patent Policy, duty to inform, the guideline for IEEE WG meetings and logistics – no clarifications requested.
     2. Chair called for any potentially essential patents, no one stepped forward.
     3. Chair reminded participants to register their attendance using imat.
     4. Chair reviewed other guidelines for IEEE meetings,
     5. Chair reviewed IEEE antitrust and competition laws, copyright policy,
     6. Chair reminded IEEE code of ethics and WG participation as an individual professional independent of others-no clarification requested.
     7. Chair reviewed IEEE 802 ground rules and provided reference to IEEE Standards By-Laws- (fair and equitable participation)
     8. Chair reminded members again to log their attendance.
  4. Agenda
     1. Review CR submissions
     2. Review telecons times
     3. Agenda approved.
     4. Submission list for the telecon:
* 11-24-0182- Lb279 comment resolution eht mac phy part-2 (Christian Berger)
* 11-24-0212- LB279 Comment Resolution for CIDs in sec 9 part-1 (Ali Raissinia)
* 11-24-0213-LB279 Comment Resolution for CIDs in sec 9 part-2 (Ali Raissinia)
* 11-24-0225 Lb279 comment resolution EHT mac phy part-4.docx (Christian Berger)
* 11-24-0214 LB279 Comment Resolution for CIDs in sec 9 part-3 (Ali Raissinia)
* 11-24-0215 LB279 Comment Resolution for CIDs in sec 11 (Ali Raissinia)
  1. Christian Berger presented 11-24-0182r1
     1. Title: LB279 Comment Resolution EHT MAC/PHY Part 2
     2. C: Regarding “See Figure 36-28ax” are the figure numbers aligned with latest number in REVme ?
     3. R: the figure numbers are likely to be aligned after draft 2.0.
     4. C: add comment tags next to changes.
  2. Ali Raissinia presented 11-24-0212r1
     1. Title: LB279 Comment Resolution for CIDs in sec-9 part-1
     2. C: In P686L41 of REVme draft 4.2, the TB case needs to have similar changes.
     3. C: some changes seem to use 11be as reference, not just REVme.
  3. Ali Raissinia presented 11-24-0213r1
     1. Title: LB279 Comment Resolution for CIDs in sec-9 part-2
     2. C: Re: the text “contains a value from 0-63”, the size and valid range of a field needs to be explicitly mentioned.
  4. Review scheduled telecons
  5. AOB
  6. Adjourned at 11:59 AM PDT
  7. Attendance:

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| --- | --- | --- | --- |
| Breakout | Timestamp | Name | Affiliation |
| TGbk | 1/30 | Berger, Christian | NXP Semiconductors |
| TGbk | 1/30 | Das, Dibakar | Intel Corporation |
| TGbk | 1/30 | feng, Shuling | MediaTek Inc. |
| TGbk | 1/30 | Grandhe, Niranjan | NXP Semiconductors |
| TGbk | 1/30 | Raissinia, Alireza | Qualcomm Incorporated |
| TGbk | 1/30 | Sand, Stephan | German Aerospace Center (DLR) |
| TGbk | 1/30 | Segev, Jonathan | Intel Corporation |
| TGbk | 1/30 | Serizawa, Kazunobu | Advanced Telecommunications Research Institute International (ATR) |
| TGbk | 1/30 | Wang, Qi | Apple Inc. |
| TGbk | 1/30 | Wei, Dong | NXP Semiconductors |

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| TGbk- February 6th 2024  * 1. Called to order by TGbk Chair, Jonathan Segev (Intel Corporation), at **10:02 PST,**   2. Agenda Doc. IEEE 802.[11-23/2124r6](https://mentor.ieee.org/802.11/dcn/23/11-23-2124-06-00bk-tgbk-january-meeting-agenda.pptx)   3. Review Patent Policy and logistics      1. Chair reviewed the IEEE-SA Patent Policy, duty to inform and logistics – no clarifications requested.      2. Chair called for any potentially essential patents, no one stepped forward.      3. Chair reminded participants to register their attendance using imat.      4. Chair reviewed other guidelines for IEEE meetings,      5. Chair reviewed IEEE antitrust and competition laws, copyright policy,      6. Chair reminded IEEE code of ethics and WG participation as an individual professional independent of others   no clarification requested.   * + 1. Chair reviewed IEEE 802 ground rules and provided reference to IEEE Standards By-Laws-   (fair and equitable participation)   * + 1. Chair reminded members again to log their attendance.   1. Agenda      1. Review CR submissions      2. Review telecons times      3. Agenda approved.      4. Submission list for the telecon: * 11-24-233 - Editorial comment resolution part 1 (Roy Want) * 11-24-0212- LB279 Comment Resolution for CIDs in sec 9 part-1 (Ali Raissinia) * 11-24-0213 - LB279 Comment Resolution for CIDs in sec 9 part-2 (Ali Raissinia) * 11-24-0225- Lb279 comment resolution EHT mac phy part-4(Christian Berger) * 11-24-0214 - LB279 Comment Resolution for CIDs in sec 9 part-3 (Ali Raissinia) * 11-24-0215- LB279 Comment Resolution for CIDs in sec 11 (Ali Raissinia) * 11-24-0155 - LB 279 Comment resolution – PICS (Jonathan Segev)   1. Roy Want presented 11-24-233r0      1. Title: LB 279 editorial comment resolution      2. C: plan is to review the comments next week.      3. C: need a way to align the references in 11bk and REVme   2. Ali Raissinia presented 11-24-0212r2      1. Title: LB 279 Comment Resolution for CIDs in sec-9 part-1      2. No comments.      3. SP: We agree to the resolution identified in document 11-24-212r3 for CIDs   1098, 1099, 1383, 1135, 1023, 1024, 1071, 1385, 1025, 1028, 1386, 1190, 1192, 1131,  1026, and 1073 (16 total).  Results (Y/N/A): 9/0/1   * 1. Ali Raissinia presented 11-24-0213r2      1. Title: LB279 Comment Resolution for CIDs in sec 9 part-2      2. C: since the new guidance is to update all “subfields” to “fields”, do we let the editor update them all ?      3. R: both the author and editor need to.      4. C: For Fig 9-103, is the change from “reserved” to “PS160” already done in 11bk D1.0 ?      5. R: Yes.      6. C: should not show this change in this doc since its already in 11bk.      7. SP: We agree to the resolution identified in document 11-24-213r2   for CIDs 1193, 1196, 1198, 1400, 1074, 1027, 1388, 1207, 1389, 1212, 1041, 1366, 1216,  1217, 1109, 1019, and 1075 (17 total).  No discussion.  Results (Y/N/A): 8/0/1   * 1. Christian Berger presented 11-24-0225r0      1. Title: Lb279 comment resolution EHT mac phy part-4      2. C: somewhere the spec should say that the EHT extra-LTF is not relevant for ranging.   2. Ali Raissinia presented 11-24-0214r2      1. Title: LB279 Comment Resolution for CIDs in sec 9 part-3      2. C: editor to update all the section reference numbers later.      3. C: is the table with 11bd-specific entries in REVme ?      4. R: yes.      5. C: what is IOT for CID 1222 ?      6. R: change to “interoperability”.      7. C: in P6, change to “an R2I NDP”.   3. Review scheduled telecons   4. AOB   5. Adjourned at 11:59 AM PDT   6. Attendance:  |  |  |  |  | | --- | --- | --- | --- | | Breakout | Timestamp | Name | Affiliation | | TGbk | 2/6 | Berger, Christian | NXP Semiconductors | | TGbk | 2/6 | Das, Dibakar | Intel Corporation | | TGbk | 2/6 | feng, Shuling | MediaTek Inc. | | TGbk | 2/6 | Grandhe, Niranjan | NXP Semiconductors | | TGbk | 2/6 | Raissinia, Alireza | Qualcomm Incorporated | | TGbk | 2/6 | Sand, Stephan | German Aerospace Center (DLR) | | TGbk | 2/6 | Segev, Jonathan | Intel Corporation | | TGbk | 2/6 | Serizawa, Kazunobu | Advanced Telecommunications Research Institute International (ATR) | | TGbk | 2/6 | Wang, Qi | Apple Inc. | | TGbk | 2/6 | Want, Roy | Google | | TGbk | 2/6 | Wei, Dong | NXP Semiconductors |  TGbk –February 13th, 2024  * 1. Called to order by TGbk Chair, Jonathan Segev (Intel Corporation), at **10:02 PST,**   2. Agenda Doc. IEEE 802.[11-23/2124r8](https://mentor.ieee.org/802.11/dcn/23/11-23-2124-08-00bk-tgbk-january-meeting-agenda.pptx)   3. Review Patent Policy and logistics      1. Chair reviewed the IEEE-SA Patent Policy, duty to inform and logistics – no clarifications requested.      2. Chair called for any potentially essential patents, no one stepped forward.      3. Chair reminded participants to register their attendance using imat.      4. Chair reviewed other guidelines for IEEE meetings,      5. Chair reviewed IEEE antitrust and competition laws, copyright policy, Chair reminded IEEE code   of ethics and WG participation as an individual professional independent of others no clarification  requested.  3.3.6 Chair reviewed IEEE 802 ground rules and provided reference to IEEE Standards By-Laws-  (fair and equitable participation)   * + 1. Chair reminded members again to log their attendance.   1. Agenda      1. Consider motions (11-23-049)      2. Review CR submissions      3. Review submission pipeline      4. Review telecons times      5. Agenda approved.   2. Submission list for the telecon: * 11-24-0214 - LB279 Comment Resolution for CIDs in sec 9 part-3 (Ali Raissinia) * 11-24-0215 - LB279 Comment Resolution for CIDs in sec 11 (Ali Raissinia) * 11-24-0155 - LB 279 Comment resolution – PICS (Jonathan Segev) * 11-24-0233 - Editorial comment resolution part 1 (Roy Want) * 11-24-0257 - Various CR (Jonathan Segev) * 11-24-0288 - LB279 comment resolutions for measurement sounding phase of TB ranging   (Stephen Sand)   * 11-24-0272 - LB279 CR Clause 11 (Jonathan Segev) * 11-24-0225 - Lb279 comment resolution EHT mac phy part-4 (Christian Berger) * 11-24-0285 - LB279 Comment resolution EHT MAC PHY part 5 (Christian Berger) * 11-24-271- LB279 comment resolution CID 1163 (Christian Berger) * 11-24-0232 - LB279 CR for CID 1363, 1029, 1124, 1391, 1169 (Julia Feng)   1. Motion (202402-01):      1. Move to adopt the resolution depicted by document 11-24-182r1 for CIDs 1341 and 1161 (total of 2 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  No discussion  Results (Y/N/A): unanimous   * 1. Motion (202402-02):      1. Move to adopt the resolution depicted by document 11-24-182r1 for CIDs 1341 and 1161 (total of 2 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   * + 1. C: Did Roy address the comments from Mark ?     2. R: reviewed some but there was only some editorial change.   Results (Y/N/A): unanimous   * 1. Ali Raissinia presented 11-24-0214r2      1. Title: LB279 Comment Resolution for CIDs in sec 9 part-3      2. SP: We agree to the resolution identified in document 11-24-214r2 for CIDs 1110, 1147, 1011, 1076,   1220, 1221, 1222, and 1226 (8 total).  Results (Y/N/A): 5/0/0   * 1. Ali Raissinia presented 11-24-0215r1      1. Title: LB279 Comment Resolution for CIDs in sec 11      2. C: Regarding “If the FORMAT..” is there a style guide recommendation ?      3. R: The alternative “when..” does not seem to be used much.      4. R: chair shared the style-guide document showing usage of “If… set to”      5. C: editor’s preference is to describe the condition first and then the action.      6. C: Regarding CID 1045, note that the field value “0” is not relevant here since “No puncturing” is signaled   elsewhere.   * + 1. C: regarding CID 1243, is there anything new here that’s not said elsewhere in standard?     2. C: regarding CID 1243, unlike the case of 320 MHz in 11bk, in 11az we don’t have text that says if   IFTMR wants a specific BW, responder required to accept that BW if supported.  Ok if the group prefers to define that way.   * + 1. C: regarding CID 1231, need to keep the text corresponding to comment since its   describing a normative behavior in clause 11.   * 1. Review scheduled telecons   2. AOB   3. Adjourned at 11:59 AM PDT   4. Attendance:   Breakout Timestamp Name Affiliation  TGbk 2/13 Berger, Christian NXP Semiconductors  TGbk 2/13 Das, Dibakar Intel Corporation  TGbk 2/13 feng, Shuling MediaTek Inc.  TGbk 2/13 Raissinia, Alireza Qualcomm Incorporated  TGbk 2/13 Segev, Jonathan Intel Corporation  TGbk 2/13 Wang, Qi Apple Inc.  TGbk 2/13 Wei, Dong NXP Semiconductors |  |  |  |  |
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## TGbk –February 20th, 2024

* 1. Called to order by TGbk Chair, Jonathan Segev (Intel Corporation), at **10:02 PST,**
  2. Agenda Doc. IEEE 802.[11-23/2124r8](https://mentor.ieee.org/802.11/dcn/23/11-23-2124-08-00bk-tgbk-january-meeting-agenda.pptx)
  3. Review Patent Policy and logistics
     1. Chair reviewed the IEEE-SA Patent Policy, duty to inform and logistics – no clarifications requested.
     2. Chair called for any potentially essential patents, no one stepped forward.
     3. Chair reminded participants to register their attendance using imat.
     4. Chair reviewed other guidelines for IEEE meetings,
     5. Chair reviewed IEEE antitrust and competition laws, copyright policy, Chair reminded IEEE code of ethics and WG participation as an individual professional independent of others

no clarification requested.

* + 1. Chair reviewed IEEE 802 ground rules and provided reference to IEEE Standards By-Laws-

(fair and equitable participation)

* + 1. Chair reminded members again to log their attendance.
  1. Agenda (slide 72)
     1. Review CR submissions
     2. Review submission pipeline
     3. Review telecons times
     4. Agenda approved.
  2. Submission list for the telecon (slide 73):
     1. 11-24-0155 - LB 279 Comment resolution – PICS (Jonathan Segev)
     2. 11-24-0257 - Various CR (Jonathan Segev)
     3. 11-24-0285 - LB279 Comment resolution EHT MAC PHY part 5 (Christian Berger)
     4. 11-24-0272 - LB279 CR Clause 11 (Jonathan Segev)
     5. 11-24-0215 - LB279 Comment Resolution for CIDs in sec 11 (Ali Raissinia)
     6. 11-24-271- LB279 comment resolution CID 1163 (Christian Berger)
     7. 11-24-0225 - Lb279 comment resolution EHT mac phy part-4 (Christian Berger)
     8. 11-24-0232 - LB279 CR for CID 1363, 1029, 1124, 1391, 1169 (Julia Feng)
     9. 11-24-0288 - LB279 comment resolutions for measurement sounding phase of TB ranging (Stephan Sand)
  3. Jonathan Segev presented 11-24- 155
     1. Title: LB 279 Comment resolution
     2. C: Protocol capability column not listing “EHT Ranging NDP” maybe an issue.
     3. R: add “EHT Ranging NDP” and so on as separate entries.
     4. C: Should “CFPASN” be actually mandatory for the EHT entries ?
     5. R: No, because you are not mandated to use EHT if you use PASN.
     6. SP: We agree to the resolution identified in document 11-24-155r2 for CIDs 1357, 1006, 1089, 1119, 1120, 1127, 1369 (total of 7).

No discussion.

Results (Y/N/A): 6/0/0 (note: wbeex showed 5 Y + 1 chair)

* 1. Jonathan Segev presented 11-24- 257
     1. Title: Various CR
     2. C: In P14, the text in L9-10 are not harmonized.
     3. R: editor needs to review this.
     4. C: remove “HE” from title “negotiation for secure HE-LTF..”
     5. C: will be good to list all changes of terms that need to be renamed from “HE-xyz” to “xyz” field or elements and add as instruction to editor.
     6. R; added.
     7. SP: We agree to the resolution identified in document 11-24-257r1 for CIDs 1358, 1090, 1121, 1128, 1129 (total of 5 CIDs).

No discussion

Results (Y/N/A): 7/0/0

* 1. Christian Berger presented 11-24- 285
     1. Title: LB279 Comment resolution EHT MAC PHY part 5
     2. C: in p5, change “shall be same” to “shall be equal to”
     3. R: accept
     4. C: to address the comment on P88L22, maybe sufficient to just use simpler language.
     5. R: revised during the call.
     6. Stopped at cid **1337**
  2. Attendance:

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| Breakout | Timestamp | Name | Affiliation |
| TGbk | 2/20 | Berger, Christian | NXP Semiconductors |
| TGbk | 2/20 | Das, Dibakar | Intel Corporation |
| TGbk | 2/20 | feng, Shuling | MediaTek Inc. |
| TGbk | 2/20 | Sand, Stephan | German Aerospace Center (DLR) |
| TGbk | 2/20 | Segev, Jonathan | Intel Corporation |
| TGbk | 2/20 | Serizawa, Kazunobu | Advanced Telecommunications Research Institute International  (ATR) |
| TGbk | 2/20 | Wei, Dong | NXP Semiconductors |

## TGbk –February 27th, 2024

* 1. Called to order by TGbk Chair, Jonathan Segev (Intel Corporation), at **10:02 PST,**
  2. Agenda Doc. IEEE 802.[11-23/2124r10](https://mentor.ieee.org/802.11/dcn/23/11-23-2124-10-00bk-tgbk-january-meeting-agenda.pptx)
  3. Review Patent Policy and logistics
     1. Chair reviewed the IEEE-SA Patent Policy, duty to inform and logistics – no clarifications requested.
     2. Chair called for any potentially essential patents, no one stepped forward.
     3. Chair reminded participants to register their attendance using imat.
     4. Chair reviewed other guidelines for IEEE meetings,
     5. Chair reviewed IEEE antitrust and competition laws, copyright policy, Chair reminded IEEE code of ethics and WG participation as an individual professional independent of others. No clarification requested.
     6. Chair reviewed IEEE 802 ground rules and provided reference to IEEE Standards By-Laws-(fair and equitable participation)
  4. Agenda (slide 81)
     1. Review CR submissions
     2. Review submission pipeline
     3. Review telecons times
     4. Agenda approved.
  5. Submission list for the telecon (slide 82):
     1. 11-24-0285 - LB279 Comment resolution EHT MAC PHY part 5 (Christian Berger)
     2. 11-24-0215 - LB279 Comment Resolution for CIDs in sec 11 (Ali Raissinia)
     3. 11-24-0272 - LB279 CR Clause 11 (Jonathan Segev)
     4. 11-24-0225 Lb279 comment resolution EHT mac phy part-4.docx (Christian Berger)
  6. Christian Berger presented 11-24- 0285r1
     1. Title: LB279 Comment resolution EHT MAC PHY part 5
     2. SP: We agree to the resolution identified in document 11-24-0285r1 for CIDs 1323, 1329, 1332, 1333, 1337, 1395, 1396, and 1340 (total of 8 CIDs).

No discussion

Results (Y/N/A): 8/0/0

* 1. Ali Raissinia presented 11-24-215r2
     1. Title: LB279 Comment Resolution for CIDs in sec 11
     2. C: document is not in server
     3. R: will upload
     4. C: regarding resolution for CID 1045, if there is there another volunteer working on this part, make sure to account for text changes in this document.
     5. SP: We agree to the resolution identified in document 11-24-0215r2 for CIDs 1136, 1010, 1045, 1046, 1165, 1229, 1231, 1243, 1244, 1246, 1247, 1249, and 1250 (13 total).

No discussion

Results (Y/N/A): 8/0/1

* 1. Jonathan Segev presented 11-24-272r20
     1. Title: LB279 CR Clause 11
     2. C: for CID 1081, will it make sense to add a colon before listing the PPDUs?
     3. R: yes
     4. C: for CID 1050, in P152L1, the paragraph does not specify the format as HE. The group did not decide on restricting transmission of NDP and LMR below 320 MHz to be HE.
     5. C: there was a long discussion on this spec text to disallow different variations.
     6. R: if we want to keep this requirement for NTB, we need to make sure this only applies to 11bk capable devices and not affect legacy 11az.
     7. C: Note that typically a receiver does not discard a MAC frame if received with a different PHY format. So, it is not a big change even if this requirement is not there.
     8. C: The changes introduced here might affect 11bd implementations.
     9. C: for CID 1138, there is also the term “MaxTimeBetweenMeasurements” that might need similar treatment.
     10. R: Agree.
     11. C: In the caption, should field names be capitalized ?
     12. R: not sure, leave it to publisher and editor. Updated instructions to include capitalization.
     13. Yet to cover: 1158 and 1159.
  2. Reviewed submission pipeline
  3. Reviewed telecons times
     1. C: Where are we on the CR status ?
     2. R: roughly at half of it. It looks challenging to complete CR in March.
  4. AOB
     1. C: will be good to see which CIDs are open.
  5. Meeting adjourned at 12:01 PST.
  6. Attendance:

Breakout Timestamp Name Affiliation

TGbk 2/27 Berger, Christian NXP Semiconductors

TGbk 2/27 Das, Dibakar Intel Corporation

TGbk 2/27 feng, Shuling MediaTek Inc.

TGbk 2/27 Grandhe, Niranjan NXP Semiconductors

TGbk 2/27 Raissinia, Alireza Qualcomm Incorporated

TGbk 2/27 Sand, Stephan German Aerospace Center (DLR)

TGbk 2/27 Segev, Jonathan Intel Corporation

TGbk 2/27 Serizawa, Kazunobu Advanced Telecommunications Research Institute International (ATR)

TGbk 2/27 Wang, Qi Apple Inc.

TGbk 2/27 Want, Roy Google

TGbk 2/27 Wei, Dong NXP Semiconductors

## TGbk –February 29th, 2024

* 1. Called to order by TGbk Chair, Jonathan Segev (Intel Corporation), at **11:02 PST,**
  2. Agenda Doc. IEEE 802.[11-23/2124r10](https://mentor.ieee.org/802.11/dcn/23/11-23-2124-10-00bk-tgbk-january-meeting-agenda.pptx)
  3. Review Patent Policy and logistics
     1. Chair reviewed the IEEE-SA Patent Policy, duty to inform and logistics – no clarifications requested.
     2. Chair called for any potentially essential patents, no one stepped forward.
     3. Chair reminded participants to register their attendance using imat.
     4. Chair reviewed other guidelines for IEEE meetings,
     5. Chair reviewed IEEE antitrust and competition laws, copyright policy, Chair reminded IEEE code of ethics and WG participation as an individual professional independent of others

no clarification requested.

* + 1. Chair reviewed IEEE 802 ground rules and provided reference to IEEE Standards By-Laws-

(fair and equitable participation)

* 1. Agenda (slide 90)
     1. Review CR submissions
     2. Review submission pipeline
     3. Review telecons times
     4. Agenda approved.
  2. Submission list for the telecon (slide 91):
     1. 11-24-0272 - LB279 CR Clause 11 (Jonathan Segev)
     2. 11-24-0225 Lb279 comment resolution EHT mac phy part-4.docx (Christian Berger)
     3. 11-24-0271 - LB279 comment resolution CID 1163 (Christian Berger)
     4. 11-24-0232 - LB279 CR for CID 1363, 1029, 1124, 1391, 1169 (Julia Feng)
     5. 11-24-0278 - LB279 Comment Resolution for CID 1016 (Julia Feng)
  3. Christian Berger presented 11-24-225r2 (note: there was a change of order)
     1. Title: Lb279 comment resolution EHT mac phy part-4.docx
     2. SP: We agree to the resolution identified in document 11-24-225r2 for CID 1085 (total of 1 CID).

No discussion

Results (Y/N/A): 6/0/0

* 1. Jonathan Segev presented 11-24- 0272r2
     1. Title: LB279 CR Clause 11
     2. C: Re CID 1050, we have a separate section that specifies the same behavior about format of ranging NDP.
     3. R: work offline and take 1050 out of this doc
     4. C: Re: CID 1159, instead of the previous NDP, refer to the RXVECTOR associated with that NDP.
     5. C: similar problem exists for 11bf sequences.
  2. Christian Berger presented 11-24- 0271r1
     1. Title: LB279 comment resolution CID 1163
     2. C: Is the name “Max R2I LTF Total” same name in Ranging element as well ? Why pick same name in two elements ?
     3. R: Similar to that in 11az where the Format and Bandwidth field also occurs in different elements.
     4. C: 320 MHz is relatively short distance, applications might use it for PHY security case. Seems like the LTF repetition requirements specified in clause 11 need to cover the new the new field value.
     5. C: its better to use same name if functionality is same.
  3. Review scheduled telecon
  4. AOB
  5. Meeting adjourned at 12:28 PST.
  6. Attendance:

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| Breakout | Timestamp | Name | Affiliation |
| TGbk | 2/29 | Berger, Christian | NXP Semiconductors |
| TGbk | 2/29 | Das, Dibakar | Intel Corporation |
| TGbk | 2/29 | feng, Shuling | MediaTek Inc. |
| TGbk | 2/29 | Raissinia, Alireza | Qualcomm Incorporated |
| TGbk | 2/29 | Segev, Jonathan | Intel Corporation |
| TGbk | 2/29 | Serizawa, Kazunobu | Advanced Telecommunications Research Institute International  (ATR) |
| TGbk | 2/29 | Wang, Qi | Apple Inc. |
| TGbk | 2/29 | Wei, Dong | NXP Semiconductors |

## TGbk –March 5, 2024

* 1. Called to order by TGbk Chair, Jonathan Segev (Intel Corporation), at **10:01 PST,**
  2. Agenda Doc. [IEEE 802.11-23/2124r1**2**](https://mentor.ieee.org/802.11/dcn/23/11-23-2124-12-00bk-tgbk-january-meeting-agenda.pptx)
  3. Review Patent Policy and logistics
     1. Chair reviewed the IEEE-SA Patent Policy, duty to inform and logistics – no clarifications requested.
     2. Chair called for any potentially essential patents, no one stepped forward.
     3. Chair reminded participants to register their attendance using imat.
     4. Chair reviewed other guidelines for IEEE meetings,
     5. Chair reviewed IEEE antitrust and competition laws, copyright policy, Chair reminded IEEE code of ethics and WG participation as an individual professional independent of others - no clarification requested.
     6. Chair reviewed IEEE 802 ground rules and provided reference to IEEE Standards By-Laws- (fair and equitable participation)
  4. Agenda (slide 99)
     1. Review CR status and assignments
     2. Announced motion for motion telecon
     3. Review CR submission pipeline
     4. Review submission pipeline
     5. Review telecons times
     6. Agenda approved.
  5. Submission list for the telecon (slide 100):
     1. 11-24-0272 - LB279 CR Clause 11 (Jonathan Segev)
     2. 11-24-0271 - LB279 comment resolution CID 1163 (Christian Berger)
     3. 11-24-0232 - LB279 CR for CID 1363, 1029, 1124, 1391, 1169 (Julia Feng)
     4. 11-24-0278 - LB279 Comment Resolution for CID 1016 (Julia Feng)
     5. 11-24-295- LB279 CID 1050 CR (Jonathan Segev)
  6. Roy Want discussed content of 11-24-13 (Roy to upload after the meeting)
     1. C: which doc can one look up to see which are unassigned ?
     2. R: its doc 13-r1.
     3. C: ask to reassign CIDs
     4. Some CID assignment
  7. Motion (202403-01):
     1. Move to adopt the resolution depicted by document 11-24-212r3 for CIDs 1098, 1099, 1383, 1135, 1023, 1024, 1071, 1385, 1025, 1028, 1386, 1190, 1192, 1131, 1026, and 1073 (16 total), instruct the technical editor to incorporate it in the P802.11bk draft and grant the editor editorial license.

Moved: Christian Berger

Second: Ali Raissinia

* + 1. Results (Y/N/A): unanimous
  1. Motion (202403-02):
     1. Move to adopt the resolutions depicted by document 11-24-213r2 for CIDs 1193, 1196, 1198, 1400, 1074, 1027, 1388, 1207, 1389, 1212, 1041, 1366, 1216, 1217, 1109, 1019, and 1075 (17 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

* + 1. Discussion: none
    2. Results (Y/N/A): unanimous
  1. Motion (202403-03):
     1. Move to adopt the resolution depicted by document 11-24-214r2 for CIDs 1110, 1147, 1011, 1076, 1220, 1221, 1222, and 1226 (8 total), instruct the technical editor to incorporate it in the P802.11bk draft and grant the editor editorial license.

Moved: Christian berger

Seconded: ali Raissinia

* + 1. Discussion: none
    2. Results (Y/N/A): unanimous
  1. Motion (202403-04) :
     1. Move to adopt the resolution depicted by document 11-24-155r2 for CIDs for CIDs 1357, 1006, 1089, 1119, 1120, 1127, 1369 (total of 7), instruct the technical editor to incorporate it in the P802.11bk draft and grant the editor editorial license.

Moved: Christian berger

Seconded: Ali Raissinia

* + 1. Discussion: none
    2. Results (Y/N/A): unanimous
  1. Motion (202403-05) :
     1. Move to adopt the resolution depicted by document 11-24-257r1 for CIDs 1358, 1090, 1121, 1128, 1129 (total of 5 CIDs), instruct the technical editor to incorporate it in the P802.11bk draft and grant the editor editorial license.

Moved: Ali Raissinia

Seconded: Christian Berger

* + 1. Discussion:
       1. C: Thought we were going to push some of these CIDs to later.
       2. R: no, those are different CIDs.
    2. Results (Y/N/A): unanimous
  1. Jonathan Segev presented 11-24-272
     1. Title: LB279 CR Clause 11
     2. SP: We agree to the resolution identified in 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).

No discussion

Results (Y/N/A): 9/0/0

* 1. Christian Berger presented 11-24-271
     1. Title: LB279 comment resolution CID 1163
     2. C: Suggest changing name from “R2I Assigned rep = 320 MHz” by dropping the “=”.
     3. R: its similar convention in 11az and 11ax. Similar words exist in several places. Need to find a consistent way to resolve this.
     4. C: handle the terms with “< 80” differently than the ones with “=”. For latter, drop the “=”.
     5. C: refer to REvme text instead of 11bk. With NDP-A, there doesn’t seem to be a term with word “total”.
  2. Adjourned at 11:59

## TGbk –March 7, 2024

* 1. Called to order by TGbk Chair, Jonathan Segev (Intel Corporation), at **11:01 PST,**
  2. Agenda Doc. [IEEE 802.11-23/2124r13](https://mentor.ieee.org/802.11/dcn/23/11-23-2124-13-00bk-tgbk-january-meeting-agenda.pptx)
  3. Review Patent Policy and logistics
     1. Chair reviewed the IEEE-SA Patent Policy, duty to inform and logistics – no clarifications requested.
     2. Chair called for any potentially essential patents, no one stepped forward.
     3. Chair reminded participants to register their attendance using imat.
     4. Chair reviewed other guidelines for IEEE meetings,
     5. Chair reviewed IEEE antitrust and competition laws, copyright policy, Chair reminded IEEE code of ethics and WG participation as an individual professional independent of others no clarification requested.
     6. Chair reviewed IEEE 802 ground rules and provided reference to IEEE Standards By-Laws-

(fair and equitable participation)

* 1. Agenda (slide 107)
     1. Review CR submissions
     2. Review submission pipeline
     3. Review telecons times
     4. Agenda approved.
  2. Submission list for the telecon (slide 108):
     1. 11-24-0232 - LB279 CR for CID 1363, 1029, 1124, 1391, 1169 (Julia Feng)
     2. 11-24-0271 - LB279 comment resolution CID 1163 (Christian Berger)
     3. 11-24-0278 - LB279 Comment Resolution for CID 1016 (Julia Feng)
     4. 11-24-295 - LB279 CID 1050 CR (Jonathan Segev)
  3. Julia Feng presented 232r0
     1. Title: LB279 CR for CID 1363, 1029, 1124, 1391, 1169
     2. C: Will the editor be ok with changes about changing all occurrence of “secure HE-LTF” .
     3. C: the editor might be working already in parallel.
     4. C: we should double check if in the PHY section we can keep the term “secure HE-LTF” because it will be different than “secure EHT-LTF”.
     5. C: agree maybe limit the changes to just the MAC section.
     6. C: for CID 1029, “align” -> “change”
     7. C: REV5 for REVme is still there. Do we have to track this document continuously?
     8. R: since 11bk is based off some existing standards, we indeed have to.
     9. C: for CID 1124, P34L11-13 in 11bk D1.0 was proposed to be deleted.
     10. Some objections to remove this text.
     11. R: will reassign the CID to Christian.
     12. C: for CID 1391, “modify” -> “change”
     13. Some discussion on whether to reorganize the paragraph clarifying the PPDU format for R2I LMR. Group would discuss offline.
  4. Julia Feng presented 278r1
     1. Title: LB279 Comment Resolution for CID 1016
  5. Review submission pipeline
     1. 11-13r2 is now available on mentor
  6. Scheduled TGbk meeting for IEEE week
  7. AoB
  8. Meeting adjourned at 12:27.