IEEE P802.11  
Wireless LANs

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| TGbk September 2023 Telecon Minutes | | | | |
| Date: 2023-11-12 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
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Abstract

This document contains TGbk Sept-October 2023 telecon minutes.

### TGbk –September 26th, 2023

* 1. Called to order by TGbk Chair, Jonathan Segev (Intel Corporation), at **10:00 PST,**
  2. Agenda Doc. IEEE 802.[11-23/1334r**4**](https://mentor.ieee.org/802.11/dcn/23/11-23-1334-04-00bk-tgbk-sep-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 technical submissions towards amendment text
     2. Agenda approved.
     3. Submission list for the telecon:

11-23-1673 PDT on Capability Indication for 320 MHz Positioning (Yanjun Sun)

* 1. Yanjun Sun presented 11-23-1673r0
     1. Title: 11bk Spec Text on Capability Indication for 320 MHz Positioning
     2. C: considering beacon overhead, does it help ?
     3. R: additional info might help negotiations converge.
     4. C: might be costly if we keep adding bits in future for > 320 MHz ?
     5. R: AP selection is improved, so think its beneficial.
     6. C: would it be one bit for TB and one for NTB ?
     7. R: just one bit tied to BW functionality.
     8. C: if we don’t support 11az, do we support this new bit ?
     9. R: no. may need some normative text.
     10. R: in future as we add new BW, we would need some explicit text stating that “we also support ranging at this BW”
     11. C: we should be able to avoid this addition since we have been able to do so for similar arguments in past. What is the value ?
     12. R: since there are devices that are 11be and 11az capable, but not 11bk, we would want clients to distinguish between the two.
     13. C: differentiation between 11bk and 11az is at a different level than between 11az and REVmc FTM.
  2. AOB
  3. Adjourned at 10:50 AM PDT
  4. Attendance:

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| Breakout |  | Timestamp | Name | Affiliation |
| TGbk |  | 9/26 | Berger, Christian | NXP Semiconductors |
| TGbk |  | 9/26 | Bhandaru, Nehru | Broadcom Corporation |
| TGbk |  | 9/26 | feng, Shuling | MediaTek Inc. |
| TGbk |  | 9/26 | Grandhe, Niranjan | NXP Semiconductors |
| TGbk |  | 9/26 | Kasher, Assaf | Qualcomm Incorporated |
| TGbk |  | 9/26 | Patwardhan, Gaurav | Hewlett Packard Enterprise |
| TGbk |  | 9/26 | Raissinia, Alireza | Qualcomm Incorporated |
| TGbk |  | 9/26 | Segev, Jonathan | Intel; Intel Corporation |
| TGbk |  | 9/26 | Sosack, Robert | Molex Incorporated |
| TGbk |  | 9/26 | Sun, Yanjun | Qualcomm Incorporated |
| TGbk |  | 9/26 | Wang, Qi | Apple Inc. |
| TGbk |  | 9/26 | Wei, Dong | NXP Semiconductors |
| TGbk |  | 9/26 | Wu, Tianyu | Apple Inc. |

### TGbk –October 24th, 2023

* 1. Called to order by TGbk Chair, Jonathan Segev (Intel Corporation), at **10:00 PST,**
  2. Agenda Doc. IEEE 802.11-23/1334r**5**
  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, IEEE SA Copyright policy.
     6. Chair reminded IEEE code of ethics and conduct 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 draft status and update
     2. Announcement for additional vice-chair
     3. Review technical submissions towards amendment text
     4. Submissions:

11-23-1827 Support for 320MHz Subelement

* + 1. Agenda approved.
  1. Roy Want presented Review draft status and update
     1. Christian Berger presents document 11-23-1234r3 to assist the review.
     2. Some changes made to the document 11-23-1234. Christian will include the changes in a new DCN.
     3. C: Suggest to delete the sentence containing a TBD regarding “allowed punctured pattern”.
     4. R: agree to incorporate this in the new DCN Christian will generate.
  2. Christian Berger presents 11-23-1827r0.
     1. Title: Support for 320 MHz Ranging Subelement
     2. C: Do we want ISTA to send this when RSTA doesn’t understand ? Why not allow value “6” also in the request ?
     3. R: The intention is to have an 11az only RSTA understand the request.
     4. C: But 11az-only RSTA still sees a subelement that it doesn’t understand. How would it work?
     5. R: true but might be a smaller risk. How to handle this otherwise ?
     6. C: maybe have an option to include signaling in beacon.
     7. C: subelements with reserved IDs should be thrown away.
     8. C: most of the functionality of ranging is signaled in ranging parameters element. So, this proposal is inline with that design.
     9. C: recommend to include the 320 MHz ranging support signaling in beacon while also accounting for cases when beacons might be missed.
     10. C: presence of 320 MHz element is itself a signaling of 320 MHz support.
     11. C: value “6” in Format and BW subfield is used in 11bd. Need to use some other reserved value (e.g., “8”).
     12. C: the ISTA may signal something other than “5”.
     13. R: we removed the sentence specifying “5”.
  3. Ask for additional vice-chair.
     1. Chair will call for volunteer.
  4. Adjourned at 11:30 AM PST
  5. Attendance:

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| Breakout | Timestamp | Name | Affiliation |
| TGbk | 10/24 | Berger, Christian | NXP Semiconductors |
| TGbk | 10/24 | feng, Shuling | MediaTek Inc. |
| TGbk | 10/24 | Grandhe, Niranjan | NXP Semiconductors |
| TGbk | 10/24 | Kasher, Assaf | Qualcomm Incorporated |
| TGbk | 10/24 | Raissinia, Alireza | Qualcomm Incorporated |
| TGbk | 10/24 | Sand, Stephan | German Aerospace Center (DLR) |
| TGbk | 10/24 | Segev, Jonathan | Intel; Intel Corporation |
| TGbk | 10/24 | Wang, Qi | Apple Inc. |
| TGbk | 10/24 | Want, Roy | Google |
| TGbk | 10/24 | Wei, Dong | NXP Semiconductors |