IEEE P802.11  
Wireless LANs

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| November 2023 Plenary minutes | | | | |
| Date: 2023-11-30 | | | | |
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Abstract

This document contains TGbk November 2023 Plenary minutes

1. **TGbk – November 13th, 2023**
   1. Called to order by chair Jonathan Segev (Intel Corporation) at **18:30 EST.** Agenda Doc. [**IEEE 802.11-** 1727**/r1**](https://mentor.ieee.org/802.11/dcn/23/11-23-1727-01-00bk-tgbk-nov-meeting-agenda.pptx) **(in progress - slide 1)**
   2. Review Patent Policy and logistics
      1. Chair reviewed meeting logistics and the duty to register if one is present at the meeting
      2. Chair reviewed the IEEE-SA Patent Policy, duty to inform, the guideline for IEEE WG meetings and logistics – no clarifications requested.
      3. Chair called for any potentially essential patents, no one stepped forward
      4. Chair reminded participants to register their attendance using imat.
      5. Chair reviewed other guidelines for IEEE meetings, including Antitrust and competition laws, provided link to patent-related information asked if any clarifications are requested, no one stepped forward.
      6. Chair reviewed IEEE copyright policy, – no clarification requested
      7. Chair reviewed IEEE code of ethics and WG participation as an individual professional. – no clarification requested
      8. Chair reviewed IEEE-SA standards ByLaws for fair and equitable consideration of all viewpoints- no clarification requested.
      9. Chair reviewed IEEE 802 ground rules
      10. Chair reminded audience again about attendance.
   3. Agenda for the week
      1. Final call for vice-chair nomination
      2. Draft status update
      3. Approval of previous meeting minutes (10 min)
      4. Review technical submission and proposed draft text (as time permits).
      5. Review progress made during the week – 5 min special order
      6. Review program timelines – 15 min special order
      7. Review and setup telecon plan – 5 min special order
      8. Review submission pipeline – 5 min special order
   4. Agenda for November 12th meeting
      1. 11-23-049 Montion compendium - Jonathan Segev
      2. Review submission and amendment texts.
         1. 11-23-1830 – 11-23-049 Montion compendium - Jonathan Segev
         2. Review submission and amendment texts.
            1. 11-23-1830 – TBD in EHT LTF field using secure EHT LTF – Christian Berger
            2. 11-23-1827 – Support for 320 MHz Subelement – Christian Berger
            3. 11-23-2066 - Completion of EHT-LTF field using secure EHT-LTF– Christian Berger
         3. 11-23-2054 - 11bk puncture pattern support- Tianyu Wu
   5. Roy Want presented draft P802.11bk\_D0.8
      1. No comments.
   6. Chair announced call for second vice-chair position.
      1. No comments
   7. Motion to approve previous meeting minutes
      1. Motion (202311-01):

Move to approve document 11-23/1754r0 as TGbk meeting minutes for the 2023 September IEEE meeting week.

Moved by: Ali Raissinia

Seconded by: Roy Want

Results (Y/N/A): unanimous

* 1. Christian Berger presented 11-23-1830
     1. Title: TBD in EHT LTF using secure EHT-LTF
     2. C: Clarification q on how eqn 36-39 is used.
     3. C: some of the clause numbers have been updated in 11bk draft 0.8.
     4. C: In the original doc, there are additional figures covering non-contiguous 320 MHz cases. However, this doc only has one. The original motion seems to cover those other cases too.
     5. R: need additional doc to cover these cases.
     6. C: need more time regarding removal of the sentence about puncturing pattern.
  2. Christian Berger presented 11-23-1827r1
     1. Title: Support for 320 MHz Subelement
     2. C: Remove “optional” from “all optional puncturing pattern”. “Max R2I NSS = 320 MHz” -> “ Max R2I NSS for 320 MHz”
     3. C: add “subset of puncturing patterns” instead of “mandatory puncturing patterns” since we are yet to define whats mandatory.
  3. Motion (202311-02):Move to adopt document 11-23-1827r2 to the 802.11bk draft, instruct the technical editor to incorporate it in the 802.11bk draft amendment text and grant editorial rights to the technical editor.Moved: Christian Berger Second: Ali RaissiniaResults (Y/N/A): approved unanimously.
  4. Tianyu Wu presented 11-23-2054r0
     1. Title: 11bk puncture pattern support
     2. C: for the case of “Fall back to 11az” it seems for those cases AP will use lower than 320 MHz BW, is that right ?
     3. R: yes
     4. C: Note that for 160 MHz there are two LO combinations. We cant infer which of them is supported if the format and BW subfield is set to indicate 320 MHz support.
     5. C: what are the changes needed in the amendment text that was approved in 1827 ?
     6. R: define the subset.
     7. Straw Poll:

Do you agree the following:-11bk will support 320 MHz and the two contiguous 240MHz preamble puncture patterns -11bk optionally supports all other preamble puncture patterns

No discussion

Results: Y/N/A: 13/0/5

**Motion (**(202311-03)

Move to define the subset and full set of puncturing as follows:

* Puncturing subset - 11bk FTM session supports 320MHz and the two contiguous 240MHz preamble puncture patterns
* Puncturing full set - 11bk FTM session supports all preamble puncture patterns (320MHz puncturing is defined in table 36-30)

**Move:** Tianyu Wu

**Second:** Ali Raissinia

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

* 1. Recess at 20:32 EST.

1. **TGbk – November 14th, 2023**
   1. Called to order by TGbk Chair, Jonathan Segev (Intel) at **18:30 EST.**
   2. Agenda Doc. [**IEEE 802.11-1727/r3**](https://mentor.ieee.org/802.11/dcn/23/11-23-1727-03-00bk-tgbk-nov-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 – 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 IEEE SA copyright policy, – no clarification requested.
      7. Chair reminded IEEE code of ethics and reviewed WG participation as an individual professional. – no clarification requested
      8. Chair reviewed IEEE-SA standards ByLaws about fair and equitable consideration of viewpoints.
      9. Chair reviewed IEEE 802 ground rules
   4. Agenda
      1. Review amendment text (as time permits):
         1. 11-23-2066 - Completion of EHT-LTF field using secure EHT-LTF– Christian Berger
         2. 11-23-1830 – TBD in EHT LTF field using secure EHT LTF – Christian Berger
      2. Agenda approved.
   5. Approval of previous meeting minutes
      1. Motion 202311-04

Move to approve document 11-23/2051r0 as TGbk meeting minutes for telecons running between the 2023 September and November IEEE meeting weeks.

Moved by: Christian Berger

Seconded by: Roy Want

Results (Y/N/A): motion approved unanimously

* 1. Vice chair affirmation vote
     1. Motion 202311-05

Move to elect Ali Raissinia as TGbk 2nd vice chair.

Moved by: Roy Want

Seconded by: Christian Berger

Results (Y/N/A): unanimous

* 1. Christian Berger presented 11-23-2066
     1. Title: Completion of EHT LTF field using secure EHT LTF
     2. C: for the punctured case we may need a further clarification text.
     3. Motion 202311-06:

Move to adopt document 11-23-2066r1to the 802.11bk draft, instruct the technical editor to incorporate it in the 802.11bk draft amendment text and grant editorial rights to the technical editor.

**Moved**: Christian Berger

**Second:** Ali Raissinia

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

* 1. Christian Berger presented 11-23-1830
     1. Title: TBD in EHT LTF field using secure EHT LTF
     2. Motion 202311-07

Move to adopt document 11-23-1830r0 to the 802.11bk draft, instruct the technical editor to incorporate it in the 802.11bk draft amendment text and grant editorial rights to the technical editor.

**Moved**: Christian Berger

**Second:** Ali Raissinia

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

* 1. Christian Berger presented 11-23-2094
     1. Title: Support for Puncturing Patterns
     2. C: In 6 GHz band, ISTA needs to observe beacon before sending anything. However, the information in the element may still be useful for update because puncturing can happen often.
     3. C: The addition to TXVECTOR are inaccurate.
     4. C: for the FTM parameter modificiation by RSTA, what happens to other params when an update occurs ? e.g., does it change the min and max ? termination from RSTA side and letting ISTA renegotiate is easier. May need more time for review.
     5. C: need to make the proposal backward compatible.
  2. Recess at 20:10 EST

1. **TGbk – November 15th, 2023**
   1. Called to order by TGbk Chair, Jonathan Segev (Intel) at **13:00 EST.**
   2. Agenda Doc: [IEEE 802.11-1727/r4](https://mentor.ieee.org/802.11/dcn/23/11-23-1727-04-00bk-tgbk-nov-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 IEEE SA copyright policy, – no clarification requested.
      7. Chair reminded IEEE code of ethics and reviewed WG participation as an individual professional. – no clarification requested
      8. Chair reviewed IEEE-SA standards ByLaws about fair and equitable consideration of viewpoints.
      9. Chair reviewed IEEE 802 ground rules
   4. Agenda
      1. Review amendment text:
         1. 11-23-2094 –Support for puncturing pattern– Christian Berger
      2. Consider initial WG ballot
      3. Progress made during the week
      4. Schedule telecon
      5. Agenda approved
   5. Christian Berger presented 11-23-2094r2
      1. Title: Support for Puncturing patterns
      2. C: P4: is this a signaling for capability or for requested parameter ?
      3. R: in 11az spec we signal capability.
      4. C: the difference between capability and request is that the AP can reject the latter but may account for capability of the STA.
      5. C: P6: Remove the last added text regarding Inactive subchannels because its not applicable for TB PPDUs.
      6. R: change from “EHT\_MU” to “EHT\_TB”.
      7. C: allow a device to set “Format and BW” to “8” in request to signal that the STA absolutely want 320 MHz ranging.
      8. R: it doesn’t work for legacy APs
      9. C: reword the sentence to use the presence of the element itself signals a request for 320 MHz FTM session while allowing Format and BW to be set to value 5 or less to account for legacy APs.
      10. C: should an RSTA send the Puncture pattern information in FTM aggregated with LMR even when its legacy AP or if the session is not 320 MHz ?
      11. R: clarify that its only for 320 MHz sessions.
      12. C: P7 suggest to clarify that the puncture info in FTM is only for 320 MHz operation in 6 GHz.
      13. Motion (202311-08):

Move to adopt document 11-23-2094r3 to the 802.11bk draft, instruct the technical editor to incorporate it in the 802.11bk draft amendment text and grant editorial rights to the technical editor.

**Moved**: Christian Berger

**Second:** Ali Raissinia

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

* 1. Consider initial WG ballot:
  2. Motion 202311-09:

Having approved 11-23-049r18, instruct the editor to prepare P802.11bk D1.0,

and approve a 30 day Working Group Technical Letter Ballot asking the question “Should P802.11bk D1.0 be forwarded to SA Ballot?”

Moved: Roy Want

Second: Christian Berger

Results (Y/N/A): 11/0/0 Motion passes

* 1. Progress made during the week:
  2. TGbk projected timeline:
     1. C: should we target recirc on March 2024 or May 2024 ?
  3. Scheduled telecons
  4. AoB
  5. Recess at 14:23 EST

1. **TGbk – November 15th, 2023**
   1. Called to order by TGbk Chair, Jonathan Segev (Intel) at **21:00 EST.**
   2. Agenda Doc: [IEEE 802.11-1727/r4](https://mentor.ieee.org/802.11/dcn/23/11-23-1727-04-00bk-tgbk-nov-meeting-agenda.pptx)
   3. Review Patent Policy and logistics
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      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 IEEE SA copyright policy, – no clarification requested.
      7. Chair reminded IEEE code of ethics and reviewed WG participation as an individual professional. – no clarification requested
      8. Chair reviewed IEEE-SA standards ByLaws about fair and equitable consideration of viewpoints.
      9. Chair reviewed IEEE 802 ground rules
   4. Agenda
      1. Chair called for any agenda item – no one stepped forward.
   5. Meeting adjourned.