IEEE P802.11
Wireless LANs

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| IEEE 802.11bf – Teleconference Minutes August - September 2023 |
| Date: 2023-09-01 |
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Abstract

This document contains minutes for the TG 802.11bf teleconferences in August-September 2023.

Rev 0: Minutes for TG 802.11bf teleconference on the 31st of August 2023.

### Thursday, August 31, 2023, 11:00pm - 01:00am (ET)

**Meeting Agenda:**

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

<https://mentor.ieee.org/802.11/dcn/23/11-23-1436-01-00bf-tgbf-meeting-agenda-2023-08-09.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 11:00 pm ET (29 persons are on the call after 30 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 call for contribution (slide 18)
3. The chair presents the telco Teleconference Times (slides 19 and 20). There is one more teleconference before the f2f meeting and 5 sessions are scheduled for the f2f.

Discussion about a potential ad-hoc f2f before the November meeting to be able to generate D3.0 out of the f2f meeting.

Q (Qusestion/Comment): I believe it is more efficient to have teleconferences. I also believe target November may be a bit of a rush.

Q: I think it is OK to target January instead. Also, I believe we should not normalize having an ad-hoc.

Q: I also speak against, basically for the same reasons that already have been mentioned.

The chair explains that he has talked to people off-line and basically received the same message. The chair explains that we will formally take the decision about the ad-hoc next week. Even if we do not have an ad-hoc, the chair suggests that we should still target the November meeting for generating D3.0.

1. Presentation of submission:

The technical editor goes through the comment assignments. All except 49 comments have been assigned. Going through the 49 comments, all of them get assigned.

**11-23/1446r0, “Enabling fully functional 320 MHz sensing”, Cheng Chen (Intel):** 320MHz sampling is currently only allowed for a limited number of set-ups, e.g. Non-TB sensing and SR2SR sensing are not supported. The proposal is to take advantage of the development in 11bk and allow for 320MHz sensing also for the remaining modes.

Q: Does 11bk support puncturing?

A: I believe this is still pending.

Q: This is basically my question. We are currently supporting all kind of puncturing.

A: I see your concern, but I believe it is OK.

Q: I don’t understand the argument about complexity on page 8.

A: It is related to that otherwise we may in the future have to develop yet another waveform.

Q: With respect to the SP, this change is only for 320 MHz?

A: Yes. Everything below and equal to 160 MHz is HE.

Q: Since 11bk is not adopted, it would mean we don’t know what puncturing patterns will be supported if I understand it correctly.

A: All puncturing patters should be supported. The question for 11bk is just whether some of the puncturing patterns will be mandatory or optional.

Q: I believe this is a PHY change and need to be discussed some more.

A: No, I don’t agree with this.

**Straw Poll:** Do you agree with the following?

11bf shall adopt the following changes with respect to 320 MHz sensing:

* + 1. Replace the current 320 MHz EHT NDP used in NDPA sounding phase in TB sensing measurement exchange with the 320 MHz EHT Ranging NDP defined in 11bk.
	+ 2. Extend the TF sounding phase in TB sensing measurement exchange and Non-TB sensing measurement exchange to 320 MHz with the use of 320 MHz EHT TB Ranging NDP and EHT Ranging NDP defined in 11bk.

**Result:** Y/N/A: 12/5/7

**11-23/1455r0, “LB276 Comment Resolutions for MISC category”, Ali Raissinia (Qualcomm):** This document proposes CR resolutions for some of the MISC category based on D2.0

CIDs 3128, 3144, 3151, 3211, 3212: No discussion.

CID 3280: No discussion.

CID 3281: No discussion.

CIDs 3372 and 3388: No discussion.

**Straw Poll:** Do you support the proposed resolutions in this document?

Result: The SP is unanimously supported.

**11-23/1457r0, “Updated Sensing NDP Frame Format”, Ali Raissinia (Qualcomm):**

This document proposes changing the NDPA frame format for TB sensing measurement exchange and its relevant text based on D2.0 to align its behavior to be backwards compatible to 11az TB sequence. The identified issue is the result of AP being an initiator in sensing whereas AP in 11az is a responder hence couple of parameters were included in different subfields within the STA Info field.

Some clarifying discussion.

1. Any other business. No response from the group.
2. The meeting is adjourned without objection at 01:02am.

**List of Attendees:**