IEEE P802.11
Wireless LANs

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| IEEE 802.11bf – Teleconference Minutes February – Mars 2022  |
| Date: 2022-03-18 |
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Abstract

This document contains minutes for the TG 802.11bf teleconferences in March - May 2022.

Rev 0: Minutes for TG 802.11bf teleconference on the18th of March 2022.

**Monday, March 17, 2022, 11:00 pm-01:00 am (ET)**

**Meeting Agenda:**

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

<https://mentor.ieee.org/802.11/dcn/22/11-22-0502-00-00bf-tgbf-meeting-agenda-2022-03-teleconference.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 (about 50 persons are on the call after a few 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 questions or comments on the agenda.

The Chair asks if there is any objection to approve the modified agenda. No objection from the group so the agenda is approved.

1. The Chair presents the TGbf timeline (slides 17 and 18) and highlights the update that was done during the March Plenary. Claudio announces that he will release D0.01 so the group can help reviewing what currently has been included in the draft. We are not asking for formal comments, but instead save the comments for the formal review of D0.1. Claudio explains that D0.01 has been sent to Robert Stacey this Monday and that we currently wait for this to be uploaded. If someone wants to have the document for review already now, people may send an email to Claudio to request this.

Q: Is there a Word version of the draft?

A: Not at the moment. We are using Framemaker, but I will look into generating a Word version.

1. The Chair presents slide 19, Call for contributions.
2. The Chair presents the teleconference times (slide 20).
3. Presentations:

**11-22/0327r1, “DMG Bi Static Sounding and BRP Frame”, Assaf Kasher (Qualcomm):**

Revision 0 of the paper has been reviewed and Assaf goes through the changes that have been made.

Q: What is the meaning of the instance number?

A: For example if a device reports a number of measurements at a time, this is to distinguish these.

**PDT Straw Poll:**

**Straw Poll:** Do you support including the text proposed in the following document into the IEEE802.11bf draft amendment?

* 22/0327r1: PDT for Bi-Static Sounding and BRP Frame

**Result:** Supported by unanimous consent.

**11-22/0401r1, “Sensing Security”, Michael Montemurro (Huawei):**

Mike has prepared a table to collect feedback from the group on various aspects related to security and privacy.

Q: How is the privacy achieved?

A: I am not an expert, change of MAC address is one approach. There is also related work in other TGs.

Q: Related to SBP authentication, I believe the initiator and the responder also need to know of one another.

Q: Related to PHY security, are there similar attacks for sensing as there are for secure ranging? I believe we need to have a discussing about if there are similar attacks that we expect.

Q: I believe it may be better if it covered in the TGs that are working on security related things.

A: I agree, the purpose is not to redo what is done elsewhere but to identify whether there may be things we need that is not covered in the other groups.

Q: I think it would be very valuable to have some kind of brainstorm and get input from sensing customers.

Tony suggests to have a dedicated off-line discussions on this subject.

**11-22/0370r0, “PDT-DMG-Multi-Static-Instance”, Assaf Kasher (Qualcomm):**

The document presents the PDT draft text for DMG Multi-Statis Sensing Instance. The first part of the paper has already been presented. The focus today is on multi-static sensing.

Q: Do you suggest that multi-static sensing is closely related to TDD?

A: No, I am just reusing the frames.

Q: You mention the response field, but I can’t find it in the figure

A: It is an error. The sentence will be removed.

**11-22/0414r1, “Fraction Scaling Factor for Sensing Measurement Report”, Steve Shellhammer (Qualcomm):**

Tony asks about future plans.

Off-line discussion. Steve also explains that he is working on a more comprehensive presentation that also will include a straw poll.

1. The chair asks if there is AoB. No response from the group.
2. The meeting is adjourned without objection at 01:04am ET.

**List of Attendees:**