IEEE P802.11
Wireless LANs

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| 802.11 AMP TIG meeting minutes for March 2023 Plenary  |
| Date: 2023-3-13 |
| Author(s): |
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Abstract

This document includes minutes of AMP TIG Sessions of IEEE March 2023 Plenary.

Version Tracking:

R0: Creating the minutes.

R1: Adding the minutes of March 14th

# Monday 13 March 2023 @ 8:00-10:00 am ET

## Opening (IEEE 802.11-23/ 0172 r2)

* 1. Call to order 8:00 am ET.
	2. Chair, Bo Sun (Sanechips), instructed members to record attendance in IMAT.
	3. Chair introduced the patent policy and meeting rules (slides 2-8).
	4. No response to the call for patents.
	5. Chair introduced IEEE-SA COPYRIGHT POLICY (slides 9-10)
	6. Chair reviewed other Guidelines, Participation and Guideline for Straw Polls (slides 11-13).
	7. Chair reviewed Suggested Best Practices, Registration, Meeting plan, current AMP TIG Session submission list (slides 14-17).
	8. Zhisong Zuo (OPPO) is executive secretary.
	9. Chair call for approval of the agenda of the AMP session.

## Agenda (IEEE 802.11-23/ 0172 r2)

* 1. Chair presented the agenda: https://mentor.ieee.org/802.11/dcn/23/11-23-0172-02-0amp-amp-tig-meeting-agenda-for-mar-plenary-2023.pptx. (slide 22)
		+ Call meeting to order and remind the group to record attendance on imat.ieee.org
		+ IEEE-SA IPR policies and meeting rules
		+ Approval of agenda
		+ AMP TIG Feb 2023 TC progress
		+ Contribution discussion

~~11-22/0257, additional use case on improving and automating healthcare workflows, Amichai Sanderovich (Wiliot)~~

11-22/0375, AMP Devices in WLAN, Yinan Qi (OPPO)

11-23/0406r0, Proposal for consensus straw poll and motion, Weijie Xu (OPPO)

11-22/1562r8, Draft technical report on support of AMP IoT devices in WLAN, Yinan Qi (OPPO)

* + - Any other business?
		- Recess
	1. No objection, Agenda approved.

## Contribution discussion

* 1. Presentation of IEEE 802.11-22/0375r0, AMP Devices in WLAN, by Yinan Qi (OPPO):

Q(uestion): In Page 7, it states the device size in areas of few square centimeter. Is that the design requirement of the Ambient IoT devices?

A(nswer): This is an example of the devices. We show the size of devices in the scenarios could be compact.

C(omment): Contribution with DCN 0388 with similar content to 0375 will be presented in the tomorrow session to give technical background to plenary, to help the Motion.

* 1. Presentation of IEEE 802.11-23/0406r0, Proposal for consensus straw poll and motion, by Weijie Xu (OPPO):

Q(uestion): How we proceed with the proposed straw poll, motion and technical report.

A(nswer): We will have straw poll here, and later motion in main session. Finally, we will agree the technical report.

Straw Poll in page 6 is performed. Results recorded in Section 4.

Q(uestion): The note in page 7, this should not be included in the part of Motion.

A(nswer): Move to the bottom, out of Motion.

Q(uestion): How about the Previous straw poll. It has another note.

A(nswer): Straw poll will be recorded in minutes, which will not have the notes.

Q(uestion): Any spectrum in the SP?

A(nswer): We just have high level agreements. We can identify the spectrum in SG and put it the PAR.

* 1. Presentation of IEEE 802.11-22/1562r8, Draft technical report on support of AMP IoT devices in WLAN, by Yinan Qi (OPPO):

## Straw Poll

* 1. Do you agree to form the AMP SG, based on the discussion and the summary in the technical report [12], to develop PAR/CSD for AMP standard project?

− Yes: 61

− No: 2

− Abstain: 28

Results: The straw poll passed.

## Closing

* 1. The chair announced the session recessed at 9:20 am ET.
	2. Next session will be on March 14th

# Tuesday 14 March 2023 @ 13:30-15:30 pm ET

## Opening (IEEE 802.11-23/ 0172 r4)

* 1. Call to order 13:30 pm ET.
	2. Chair, Bo Sun (Sanechips), instructed members to record attendance in IMAT.
	3. Chair introduced the patent policy and meeting rules (slides 2-8).
	4. No response to the call for patents.
	5. Chair introduced IEEE-SA COPYRIGHT POLICY (slides 9-10)
	6. Chair reviewed other Guidelines, Participation and Guideline for Straw Polls (slides 11-13).
	7. Chair reviewed Suggested Best Practices, Registration, Meeting plan, current AMP TIG Session submission list (slides 14-17).
	8. Zhisong Zuo (OPPO) is executive secretary.
	9. Chair call for approval of the agenda of the AMP session.

## Agenda (IEEE 802.11-23/ 0172 r4)

* 1. Chair presented the agenda: https://mentor.ieee.org/802.11/dcn/23/11-23-0172-04-0amp-amp-tig-meeting-agenda-for-mar-plenary-2023.pptx. (slide 22)
		+ Call meeting to order and remind the group to record attendance on imat.ieee.org
		+ IEEE-SA IPR policies and meeting rules
		+ Approval of agenda
		+ AMP TIG progress report (11-23/0260)
		+ TIG motion

Approve the final version AMP technical report

Approve a WG motion request during closing plenary for forming a SG to continue AMP discussion

* + - Any other business?
		- Cancellation of meeting on Thursday
		- Adjourn
	1. No objection, Agenda approved.

## Motion #1 – TR approval

Approve to incorporate the content of 11-22/1562r8, together with the result of consensus SP in 11-23/0406r1 and result of motions on slide 23 and 24 in 11-23/0172r4 into the final version of the AMP technical report (11-23/0436r0) and grant the AMP TIP chair edit privilege. − Moved: Weijie Xu

− Seconded: Joerg Robert

− Result: No objection, Approved unanimously

## Motion #2 – Formation of SG

* 1. Request 802.11 Working Group approval to form an 802.11 AMbient Power Study Group (AMP SG) with the intent of creating a PAR and CSD.The Study Group will investigate MAC and PHY capabilities to enable 802.11 WLAN support of ultra-low complexity and ultra-low power consumption (e.g. less than one milliwatt) devices powered by ambient power source, and reuse existing 802.11 features as much as possible, with a target start of the task group in Jan 2024.

− Moved: Joerg Robert

− Seconded: James Yee

− Result: 39 Yes, 0 No, 3 Abstain, Approved

Last meeting on Thursday is cancelled. AMP TIG is to be closed on Friday plenary.

## Closing

* 1. The chair announced the session adjourned at 14:03 pm ET.