IEEE P802.11
Wireless LANs

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| IEEE 802.11 Task Group AYFebruary 2018, Conference Meeting Minutes |
| Date: 2018-02-26 |
| Author: |
| Name | Affiliation | Address | Phone | email |
| Edward Au | Huawei Technologies | 303 Terry Fox Drive, Suite 400,Ottawa, ON, K2K 3J1, Canada |  | edward.ks.au@huawei.com |

Abstract

Task Group AY meeting minutes from the IEEE 802.11 conference call sessions on February 7, February 14 and February 21, 2018.

**IEEE 802.11 Task Group AY**

**February 2018 Conference Call Meeting**

**Wednesday, February 7, 2018, Conference Call Session (10:00-11:30 ET)**

1. The IEEE 802.11ay task group meeting was called to order at 10:01 ET by the Chair, Edward Au (Huawei).
2. Agenda Doc. IEEE 802.11-18/0282r1.
3. Chair reviewed the IEEE-SA patent policy, logistics, and reminders on Task Group rules, including meeting guidelines and attendance recording procedures.
	1. Chair asked if anyone has any questions about the IEEE-SA patent policy, logistics or reminders. No questions.
	2. Chair asked if anybody has any disclosures related to the patent policy. None.
	3. Chair asked if there were any questions on any of the above items. None.
	4. Chair reminded all to record their attendance by sending an email to chair and secretary.
4. Chair reviewed the meeting agenda for the conference call (slide 10).
5. Chair reminded that the March 2018 ad-hoc meeting is confirmed. For members who are confirmed to attend, please vote “Approve” on the following ePoll: <https://mentor.ieee.org/802.11/poll-vote?p=27800008&t=27800008>.
6. TGmd plans to include an item in the March plenary to review a TGmd submission for Annex I changes to complete the DMG OFDM PHY removal. For details, please talk to Dorothy Stanley (HPE), Chair of TGmd.
7. Comment Resolution
	1. Presentation by Xingxin Zhang (Huawei), Comment Resolution on A-PPDU and Sector ACK frame format, Doc. IEEE 11-18/0231r2.
		1. Opened the floor for discussion.
		2. Members do not have any technical concern on the following 4 CIDs, no straw poll is taken, and they are ready for motion in the March 2018 plenary, namely CIDs 1096, 2166, 1288, and 1280.
		3. The following 4 CIDs need more discussion, namely, CIDs 1099, 1215, 1282, and 1764.
	2. Presentation by Solomon Trainin (Qualcomm), EDMG A-MPDU with multiple TID comment resolution, Doc. IEEE 11-18/0137r1.
		1. Opened the floor for discussion. Edits are made during the discussion and the latest version for review is IEEE 11-18/0137r2.
		2. Members do not have any technical concern on the following 2 CIDs, no straw poll is taken, and they are ready for motion in the March 2018 plenary, namely, CIDs 1956 and 2272.
	3. Presentation by Solomon Trainin (Qualcomm), Comment resolution, Doc. IEEE 11-18/0278r1.
		1. Opened the floor for discussion.
		2. Members do not have any technical concern on the following 13 CIDs, no straw poll is taken, and they are ready for motion in the March 2018 plenary, namely, CIDs 1101, 1645, 1647, 1648, 1735, 1765, 1767, 2135, 2207, 2208, 2209, 2210, and 2211.
		3. The following CID needs more discussion, namely, CID 2245.
		4. Due to the limit of time, the review of the remaining CIDs in 18/0278r1 will be postponed to the March 2018 plenary.
8. The next teleconference call is confirmed and held at 10:00am ET on February 14 (Wednesday).
9. Meeting adjourned at 11:28am ET.

**Appendix A: February 7, 2018, 10:00 a.m. ET Conference Call Attendance Log**

**Name and Affiliation:**

* Edward Au (Huawei)
* Anuj Batra (Apple)
* Nelson Costa (Peraso)
* Claudio da Silva (Intel)
* Xiao (Tony) Han (Huawei)
* Chris Hansen (Peraso)
* Allen Heberling
* Assaf Kasher (Qualcomm)
* Oren Kedem (Intel)
* Artyom Lomayev (Intel)
* Hiroyuki Motozuka (Panasonic)
* Kome Oteri (InterDigital)
* Al Petrick (Jones-Petrick and Associates)
* Alphan Sahin (InterDigital)
* Li-Hsiang Sun (InterDigital)
* Solomon Trainin (Qualcomm)
* James Wang (MediaTek)
* Yan Xin (Huawei)
* Rui Yang (InterDigital)
* Xingxin Zhang (Huawei)

**Wednesday, February 14, 2018, Conference Call Session (10:00-11:30 ET)**

1. The IEEE 802.11ay task group meeting was called to order at 10:01 ET by the Chair, Edward Au (Huawei).
2. Agenda Doc. IEEE 802.11-18/0328r1.
3. Chair reviewed the IEEE-SA patent policy, logistics, and reminders on Task Group rules, including meeting guidelines and attendance recording procedures.
	1. Chair asked if anyone has any questions about the IEEE-SA patent policy, logistics or reminders. No questions.
	2. Chair asked if anybody has any disclosures related to the patent policy. None.
	3. Chair asked if there were any questions on any of the above items. None.
	4. Chair reminded all to record their attendance by sending an email to chair and secretary.
4. Chair reviewed the meeting agenda for the conference call (slide 10).
5. Chair reminded that the March 2018 ad-hoc meeting is confirmed. For members who are confirmed to attend, please vote “Approve” on the following ePoll: <https://mentor.ieee.org/802.11/poll-vote?p=27800008&t=27800008>.
6. TGmd plans to include an item in the March plenary to review a TGmd submission for Annex I changes to complete the DMG OFDM PHY removal. For details, please talk to Dorothy Stanley (HPE), Chair of TGmd.
7. Comment Resolution
	1. Presentation by Artyom Lomayev (Intel), CID resolution – Part III, clause 30.3, Doc. IEEE 11-18/0210r4.
		1. Opened the floor for discussion.
		2. Members do not have any technical concern on the following 2 CIDs that have been discussed on January 31 but need more offline discussion, namely CIDs 1032 and 1830. No straw poll is taken, and these 2 CIDs are ready for motion in the March 2018 plenary.
		3. Members do not have any technical concern on the following 21 CIDs, no straw poll is taken, and they are ready for motion in the March 2018 plenary, namely CIDs 2086, 2088, 1608, 1831, 1806, 1585, 1586, 1583, 1829, 1612, 1856, 1014, 1306, 1854, 1662, 1663, 1664, 1088, 1857, 1564, and 1505.
		4. The following 1 CID needs more discussion, namely, CID 1606.
	2. Presentation by Artyom Lomayev (Intel), CID resolution for 30.3.4 Channelization, Doc. IEEE 11-18/0284r0. There is no objection from the members to swap the presentation order of 18/0284r0 and 18/0307r3.
		1. Opened the floor for discussion
		2. Members do not have any technical concern on the following 8 CIDs, no straw poll is taken, and they are ready for motion in the March 2018 plenary, namely CIDs 2089, 1455, 1456, 1457, 1458, 1459, 1609, and 1672.
	3. Presentation by Artyom Lomayev (Intel), CID resolution – Part IV, clause 30.4, Doc. IEEE 11-18/0307r3.
		1. Opened the floor for discussion
		2. Members do not have any technical concern on the following 6 CIDs, no straw poll is taken, and they are ready for motion in the March 2018 plenary, namely CIDs 1310, 1506, 2008, 1507, 1508, and 1509.
		3. Due to the limit of time, the review of the proposed resolution for CID 1632 will be postponed to the teleconference call on March 14.
8. The next teleconference call is confirmed and held at 10:00am ET on February 21 (Wednesday).
9. Meeting adjourned at 11:23am ET.

**Appendix B: February 14, 2018, 10:00 a.m. ET Conference Call Attendance Log**

**Name and Affiliation:**

* Edward Au (Huawei)
* Anuj Batra (Apple)
* Nelson Costa (Peraso)
* Claudio da Silva (Intel)
* Alecsander Eitan (Qualcomm)
* Thomas Handte (Sony)
* Chris Hansen (Peraso)
* Allen Heberling
* Assaf Kasher (Qualcomm)
* Sang Kim (LG Electronics)
* Artyom Lomayev (Intel)
* Hiroyuki Motozuka (Panasonic)
* Al Petrick (Jones-Petrick and Associates)
* Li-Hsiang Sun (InterDigital)
* Solomon Trainin (Qualcomm)
* James Wang (MediaTek)
* Yan Xin (Huawei)

**Wednesday, February 21, 2018, Conference Call Session (10:00-11:00 ET)**

1. The IEEE 802.11ay task group meeting was called to order at 10:00 ET by the Chair, Edward Au (Huawei).
2. Agenda Doc. IEEE 802.11-18/0339r1.
3. Chair reviewed the IEEE-SA patent policy, logistics, and reminders on Task Group rules, including meeting guidelines and attendance recording procedures.
	1. Chair asked if anyone has any questions about the IEEE-SA patent policy, logistics or reminders. No questions.
	2. Chair asked if anybody has any disclosures related to the patent policy. None.
	3. Chair asked if there were any questions on any of the above items. None.
	4. Chair reminded all to record their attendance by sending an email to chair and secretary.
4. Chair reviewed the meeting agenda for the conference call (slide 10).
5. Chair reminded that the March 2018 ad-hoc meeting is confirmed. For members who are confirmed to attend, please vote “Approve” on the following ePoll: <https://mentor.ieee.org/802.11/poll-vote?p=27800008&t=27800008>.
6. TGmd plans to include an item in the March plenary to review a TGmd submission for Annex I changes to complete the DMG OFDM PHY removal. For details, please talk to Dorothy Stanley (HPE), Chair of TGmd.
7. Comment Resolution
	1. Presentation by Lei Huang (Panasonic), Comment resolution on the SISO phase of SU-MIMO beamforming, Doc. IEEE 11-18/0281r1.
		1. Opened the floor for discussion.
		2. Members do not have any technical concern on the following 15 CIDs, no straw poll is taken, and they are ready for motion in the March 2018 plenary, namely CIDs 1136, 1137, 1139, 1141, 1142, 1243, 1898, 1899, 1900, 1901, 2306, 1133, 1143, 1144, and 1807.
	2. Presentation by Lei Huang (Panasonic), Comment resolution on the SISO phase of MU-MIMO beamforming, Doc. IEEE 11-18/0298r1.
		1. Opened the floor for discussion.
		2. Members do not have any technical concern on the following 10 CIDs, no straw poll is taken, and they are ready for motion in the March 2018 plenary, namely CIDs 1146, 1147, 1246, 1340, 2022, 2023, 2310, 2311, 2312, and 2313.
	3. Presentation by Lei Huang (Panasonic), Comment resolution on MIMO BF misc, Doc. IEEE 11-18/0299r0.
		1. Opened the floor for discussion.
		2. There is a comment that the description on how to set the proposed Channel Aggregation Present field in the MIMO BF feedback frame needs more discussion.
		3. Members do not have any technical concern on the following 17 CIDs provided that Lei will remove the above-mentioned description and upload a revised contribution 18/0299r1 to mentor for members’ review. No straw poll is taken, and they are ready for motion in the March 2018 plenary, namely CIDs 1145, 1343, 1344, 1345, 1498, 1499, 1752, 1148, 1403, 1244, 1339, 1902, 1809, 2006, 2314, 1818, and 2309.
8. The ad-hoc will be held in Hyatt Regency O’Hare, Rosemont, United States, from March 2 to March 3. The March plenary will be held at the same venue from March 4 to March 9. Call for comment resolution/presentation for both meetings has already been sent to the TG reflector.
9. Meeting adjourned at 10:56am ET.

**Appendix C: February 21, 2018, 10:00 a.m. ET Conference Call Attendance Log**

**Name and Affiliation:**

* Edward Au (Huawei)
* George Calcev (Huawei)
* Carlos Cordeiro (Intel)
* Nelson Costa (Peraso)
* Claudio da Silva (Intel)
* Alecsander Eitan (Qualcomm)
* Chris Hansen (Peraso)
* Allen Heberling
* Lei Huang (Panasonic)
* Sang Kim (LG Electronics)
* Artyom Lomayev (Intel)
* Hiroyuki Motozuka (Panasonic)
* Al Petrick (Jones-Petrick and Associates)
* Li-Hsiang Sun (InterDigital)
* Yan Xin (Huawei)
* SK Yong (Apple)