IEEE P802.11
Wireless LANs

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| IEEE 802.11 Task Group AYJune 2018 Conference Meeting Minutes |
| Date: 2018-06-28 |
| Author: |
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Abstract

Task Group AY meeting minutes from the IEEE 802.11 conference call session on June 6, June 13, June 20, and June 27, 2018.

**IEEE 802.11 Task Group AY**

**June 2018 Conference Call Meeting**

**Wednesday, June 6, 2018, Conference Call Session (10:00-11:00 ET)**

1. The IEEE 802.11ay task group meeting was called to order at 10:00am ET by the Chair, Edward Au (Huawei).
2. Agenda Doc. IEEE 802.11-18/1014r1.
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. Comment Resolution
	1. Presentation by Lei Huang (Panasonic), Comment resolution on CIDs 1951 & 2021, Doc. IEEE 11-18/0995r3, on the revised proposed resolution for CID 2021, which is a follow-up action item as per the discussion in the May 23rd teleconference call.
		1. Opened the floor for discussion.
		2. Members do not have any technical concern on the proposed resolution for CID 2021. No straw poll is taken, and this CID is ready for motion in the July 2018 plenary.
	2. Presentation by Lei Huang (Panasonic), Comment resolution on MIMO BF misc, Doc. IEEE 11-18/0993r0.
		1. Opened the floor for discussion.
		2. Members do not have any technical concern on the proposed resolution for CIDs 2307 and 2315. No straw poll is taken, and these CIDs are ready for motion in the July 2018 plenary.
	3. Presentation by Solomon Trainin (Qualcomm), Directive measurement CID1951, Doc. IEEE 11-18/1054r1.
		1. Opened the floor for discussion.
		2. Members do not have any technical concern on the proposed resolution for CID 1951. No straw poll is taken, and this CID is ready for motion in the July 2018 plenary. Note that there was a proposed resolution for CID 1951 in 18/0995r1. Lei Huang (Panasonic), the author of 18/0995r1, agreed on Solomon’s alternative proposed resolution.
	4. Presentation by Oren Kedem (Intel), Resolution of CIDs, Doc. IEEE 11-18/1053r0.
		1. Opened the floor for discussion. Proposed resolution for the following 4 CIDs were discussed and reviewed: CIDs 1095, 1703, 1891, 2197.
		2. Due to the lack of time, the discussion on the proposed resolution for the following 3 CIDs, namely, CIDs 1209, 1706, and 1707, and the review on the proposed resolution for the following 6 CIDs, namely CIDs 1261, 1262, 1420, 1421, 2165, and 2331, will be postponed to the call on June 13.
6. The next teleconference call is confirmed and held at 10:00am ET on June 13 (Wednesday).
7. Meeting adjourned at 11:01am ET.

**Appendix A: June 6, 2018, 10:00am ET Conference Call Attendance Log**

**Name and Affiliation:**

* Edward Au (Huawei)
* Nelson Costa (Peraso)
* Xiao (Tony) Han (Huawei)
* Thomas Handte (Sony)
* Chris Hansen (Peraso)
* Lei Huang (Panasonic)
* Oren Kedem (Intel)
* Artyom Lomayev (Intel)
* Jianhua Mo (Samsung)
* Hiroyuki Motozuka (Panasonic)
* Kome Oteri (InterDigital)
* Aditya Padaki (Samsung)
* Li-Hsiang Sun (InterDigital)
* Solomon Trainin (Qualcomm)
* Yan Xin (Huawei)
* SK Yong (Apple)

**Wednesday, June 13, 2018, Conference Call Session (10:00-11:00 ET)**

1. The IEEE 802.11ay task group meeting was called to order at 10:00am ET by the Chair, Edward Au (Huawei).
2. Agenda Doc. IEEE 802.11-18/1038r1.
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. Comment Resolution
	1. Presentation by Oren Kedem (Intel), Resolution of CIDs, Doc. IEEE 11-18/1053r1.
		1. Opened the floor for discussion.
		2. Members do not have any technical concern on the proposed resolution for the following 10 CIDs, namely 1095, 1261, 1262, 1420, 1421, 1703, 1891, 2165, 2197, and 2331. No straw poll is taken, and these CIDs are ready for motion in the July 2018 plenary. Note that the proposed resolution for CID 2331 is revised and the resolution is the same as that for CID 2254.
		3. Proposed resolution for the following 3 CIDs need more discussion, namely CIDs 1209, 1706, and 1707.
	2. Presentation by Solomon Trainin (Qualcomm), Comment resolution, Doc. IEEE 11-18/1070r0.
		1. Opened the floor for discussion.
		2. Proposed resolution for the following 4 CIDs were discussed and reviewed: CIDs 1263, 1264, 1482, and 1695.
		3. Due to the lack of time, the review on the proposed resolution for the remaining CIDs will be postponed to the call on June 20.
6. The next teleconference call is confirmed and held at 10:00am ET on June 20 (Wednesday).
7. Meeting adjourned at 11:02am ET.

**Appendix B: June 13, 2018, 10:00am ET Conference Call Attendance Log**

**Name and Affiliation:**

* Edward Au (Huawei)
* George Calcev (Huawei)
* Cheng Chen (Intel)
* Carlos Cordeiro (Intel)
* Nelson Costa (Peraso)
* Alecsander Eitan (Qualcomm)
* Xiao (Tony) Han (Huawei)
* Thomas Handte (Sony)
* Chris Hansen (Peraso)
* Assaf Kasher (Qualcomm)
* Oren Kedem (Intel)
* Sang Kim (LGE)
* Artyom Lomayev (Intel)
* Jianhua Mo (Samsung)
* Hiroyuki Motozuka (Panasonic)
* Kome Oteri (InterDigital)
* Aditya Padaki (Samsung)
* Al Petrick (Jones-Petrick and Associates)
* Li-Hsiang Sun (InterDigital)
* Solomon Trainin (Qualcomm)
* Gaius Wee (Panasonic)
* Yan Xin (Huawei)
* Rui Yang (InterDigital)

**Wednesday, June 20, 2018, Conference Call Session (10:00-11:30 ET)**

1. The IEEE 802.11ay task group meeting was called to order at 10:00am ET by the Chair, Edward Au (Huawei).
2. Agenda Doc. IEEE 802.11-18/1079r1.
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. Comment Resolution
	1. Presentation by Oren Kedem (Intel), Channel BW configuration CIDs, Doc. IEEE 11-18/1094r1.
		1. Opened the floor for discussion. Note that there is no definition on channel bonding in the draft amendment.
		2. Proposed resolution for the following 3 CIDs need more discussion, namely CIDs 1209, 1706, and 1707.
6. Technical Presentation
	1. Presentation by Artyom Lomayev (Intel), Missing header fields for MU PPDU transmission, Doc. IEEE 11-18/1083r0.
		1. Opened the floor for discussion.
		2. Members do not have any technical concern on the contribution 18/1083r0, which is ready for motion in the July 2018 plenary.
7. Comment Resolution
	1. Presentation by Solomon Trainin (Qualcomm), Comment resolution, Doc. IEEE 11-18/1070r0. Note that the proposed resolution for the first 4 CIDs, namely, CIDs 1263, 1264, 1482, and 1695, have been discussed in the last teleconference call.
		1. Opened the floor for discussion on the proposed resolution for the following 7 CIDs, namely CIDs 1952, 1495, 1961, 2108, 2269, 1967, and 2287.
		2. Members do not have any technical concern on the proposed resolution for the following 11 CIDs, namely 1263, 1264, 1482, 1695, 1952, 1495, 1961, 2108, 2269, 1967, and 2287. No straw poll is taken, and these CIDs are ready for motion in the July 2018 plenary. Note that editorial fixes are required for the proposed text for CIDs 1952 and 1495.
8. The next teleconference call is confirmed and held at 10:00am ET on June 27 (Wednesday).
9. Meeting adjourned at 11:29am ET.

**Appendix C: June 20, 2018, 10:00am ET Conference Call Attendance Log**

**Name and Affiliation:**

* Edward Au (Huawei)
* George Calcev (Huawei)
* Cheng Chen (Intel)
* Carlos Cordeiro (Intel)
* Nelson Costa (Peraso)
* Claudio da Silva (Intel)
* Thomas Handte (Sony)
* Chris Hansen (Peraso)
* Assaf Kasher (Qualcomm)
* Oren Kedem (Intel)
* Sang Kim (LGE)
* Artyom Lomayev (Intel)
* Hiroyuki Motozuka (Panasonic)
* Kome Oteri (InterDigital)
* Aditya Padaki (Samsung)
* Al Petrick (Jones-Petrick and Associates)
* Li-Hsiang Sun (InterDigital)
* Solomon Trainin (Qualcomm)
* Xiaofei Wang (InterDigital)
* Gaius Wee (Panasonic)
* Yan Xin (Huawei)

**Wednesday, June 27, 2018, Conference Call Session (10:00-11:30 ET)**

1. The IEEE 802.11ay task group meeting was called to order at 10:00am ET by the Chair, Edward Au (Huawei).
2. Agenda Doc. IEEE 802.11-18/1080r1.
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). Rob Sun (Huawei) commented that the version number of his comment resolution contribution 18/1097 is now revision 2.
5. Comment Resolution
	1. Presentation by Rob Sun (Huawei), Resolution to comments, Doc. IEEE 11-18/1097r2.
		1. Opened the floor for discussion.
		2. The discussion has been discussed for an hour as per the author’s request. The discussion will be continued after the comment resolution presentation from Kerstin Johnsson (Intel).
	2. Presentation by Kerstin Johnsson (Intel), CR on CIDs for 10.61 (Distributed Scheduling), Doc. IEEE 11-18/0905r0.
		1. Opened the floor for discussion.
		2. Members do not have any technical concern on the proposed resolution for the following 5 CIDs, namely 1161, 1657, 1796, 1797, and 1801. No straw poll is taken, and these CIDs are ready for motion in the July 2018 plenary.
	3. Presentation by Rob Sun (Huawei), Resolution to comments, Doc. IEEE 11-18/1097r2, is resumed.
		1. Opened the floor for discussion.
		2. Proposed resolutions for all of the 31 CIDs (namely 1064, 1067, 1180, 1289, 1437, 1438, 1440, 1441, 1442, 1443, 1444, 1446, 1552, 1640, 1658, 1659, 1660, 1661, 1728, 1729, 1862, 1869, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2198, and 2199) are reviewed. Proposed text changes for clauses 4.5.4.2 and 4.5.4.3 are also revised. The proposed resolutions for CIDs 1437, 1444, and 1658 need further work.
6. Due to the limit of time, the document IEEE 11-18/1097r2 will be continued to review in the July 6th teleconference call. Lei Huang’s comment resolution contribution will be reviewed in the July 2018 plenary.
7. The next teleconference call is confirmed and held at 10:00am ET on July 6 (Friday).
8. Meeting adjourned at 11:28am ET.

**Appendix D: June 27, 2018, 10:00am ET Conference Call Attendance Log**

**Name and Affiliation:**

* Edward Au (Huawei)
* Alan Berkema (HP Inc.)
* Cheng Chen (Intel)
* Carlos Cordeiro (Intel)
* Nelson Costa (Peraso)
* Claudio da Silva (Intel)
* Alecsander Eitan (Qualcomm)
* Tony Xiao Han (Huawei)
* Thomas Handte (Sony)
* Chris Hansen (Peraso)
* Lei Huang (Panasonic)
* Kerstin Johnsson (Intel)
* Oren Kedem (Intel)
* Sang Kim (LGE)
* Artyom Lomayev (Intel)
* Hiroyuki Motozuka (Panasonic)
* Kome Oteri (InterDigital)
* Aditya Padaki (Samsung)
* Al Petrick (Jones-Petrick and Associates)
* Rob Sun (Huawei)
* Solomon Trainin (Qualcomm)
* Xiaofei Wang (InterDigital)
* Yan Xin (Huawei)