IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| IEEE 802.11 Task Group AY  May 2018 Warsaw Interim Meeting Minutes | | | | |
| Date: 2018-05-12 | | | | |
| 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 May 2018 interim meeting in Warsaw, Poland, from May 6 to May 11, 2018.

**IEEE 802.11 Task Group AY**

**May 2018 Warsaw Interim Meeting**

**Monday AM2, May 7 (10:30-12:30 CEST)**

Attendance: around 30 people

1. The IEEE 802.11ay task group meeting was called to order at 10:30 CEST by the Chair, Edward Au (Huawei).
2. Agenda Doc. IEEE 802.11-18/0645r1.
3. Chair introduced the TG leadership: Vice Chair: Sang Kim (LG Electronics), Secretary: Jeorge Hurtarte (LitePoint), and Editor: Carlos Cordeiro (Intel).
4. Chair reviewed the IEEE-SA patent policy, participation in IEEE 802 meetings, logistics, and reminders on Task Group rules, including meeting guidelines and attendance recording procedures (slides 4-11)
   1. Chair asked if anyone has any questions about the IEEE-SA patent policy, participation in IEEE 802 meetings, 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.
   5. Chair reminded all to upload their presentations.
5. Chair introduced the leadership of the Task Group (slide 12).
6. Chair proceeded to present the schedule and discuss the agenda items for this interim meeting (slides 13-14) and asked if anyone wants to add any additional agenda items (none).
7. Chair reviewed the accomplishments being made in the March plenary and the 8 teleconference calls between the end of the March 2018 plenary and the beginning of the May 2018 interim (slides 17-21).
8. Chair proceeded to present an update on the Task Group documents (slide 22).
9. Motion #431. Move to approve Task Group AY minutes of meetings from March 2018 plenary
   1. Move: Claudio da Silva
   2. Second: Assaf Kasher
   3. No objections noted. Unanimous consent.
   4. The March 2018 plenary meeting minutes were approved.
10. Motion #432: Move to approve Task Group AY minutes of the teleconference calls on March 14, March 21, March 28, April 4, April 11, April 18, April 25, and May 2
    1. Move: Claudio da Silva
    2. Second: Assaf Kasher
    3. No objections noted. Unanimous consent.
    4. The meeting minutes of the teleconference calls on March 14, March 21, March 28, April 4, April 11, April 18, April 25, and May 2 were approved.
11. Chair reviewed the list of presentations submitted (slides 25-35) and schedule for presenting those during the week
    1. Chair asked if there were any additional presentations submissions or changes to the agenda items. None.
12. Chair reviewed the agenda setting for the week (slide 36).
13. Chair reviewed the TG approved timeline (slide 37) and asked if there is any question/comment on the proposed date for the formation of sponsor ballot pool, the expected date of an initial sponsor ballot, and the expected date of a recirculation sponsor ballot. None.
14. Motion #433: Comment Resolution. Move to accept the comment resolution for CID 1099 as proposed in 18/0231r3.
    1. Note: These contribution was presented in the March 2018 plenary.
    2. Move: George Calcev
    3. Second: Carlos Cordeiro
    4. Result: The motion is tabled.
15. Motion #434: Comment Resolution. Move to accept the comment resolution for CIDs 1080, 1214, 1964, 2257, 2261, 2126, 2127, 2255, 2125, 2256, 1079, 1566, 1567, 1565, 1852, 1853, 1854, and 1965 as proposed in 18/0375r4.
    1. Note: These contribution was presented on March 14.
    2. Move: Oren Kedem
    3. Second: Claudio da Silva
    4. Result: The motion is passed (21 Yes; 0 No; 0 Abstain).
16. Motion #435: Comment Resolution. Move to accept the comment resolution for CID 1606 as proposed in 18/0210r7; CID 1632 as proposed in 18/0307r3; CIDs 1512, 1929, 1930, 1932, 2177, 1931, 1514, 1933, 1515, 1414, 1614, 1615, 1270, 1271, 1812, 1813, 1814, 1822, 1616, 1618, 2032, 1549, 1619, 1916, 1928, 1399, 1668, 1517, 1518, 1519, 1516, 1511, 1312, and 1513 as proposed in 18/0308r3; and CIDs 1315, 1626, 1316, 2093, 1317, 2094, 1815, 1816, 1625, 1320, 1318, 1319, 1623, 1621, 1534, 1622, 1322, and 1969 as proposed in 18/0325r1.
    1. Note: These contributions were presented on March 14, March 21, and March 28.
    2. Move: Claudio da Silva
    3. Second: Cheng Chen
    4. Result: The motion is passed (21 Yes; 0 No; 0 Abstain).
17. Motion #436: Comment Resolution. Move to accept the comment resolution for CIDs 1665, 2100, 2101, 2102, 2329, 1325, 1326, 1327, 1825, 1173, and 1415 as proposed in 18/0330r3; CIDs 2095, 2096, 1624, 2033, and 2097 as proposed in 18/0331r2; CIDs 1314, 2328, 1332, 2091, 1321, and 2098 as proposed in 18/0639r1; and CIDs 1934 and 1569 as proposed in 18/0640r1.
    1. Note: These contributions were presented on April 18 and April 25.
    2. Move: Claudio da Silva
    3. Second: Assaf Kasher
    4. Result: The motion is passed (21 Yes; 0 No; 0 Abstain).
18. Motion #437: Draft. Move to include the text proposed in 18/0641r1 related to the updated RXTIME computation formula for control mode PPDU in the IEEE 802.11ay draft amendment.
    1. Note: This contribution was presented on April 25.
    2. Move: Claudio da Silva
    3. Second: Cheng Chen
    4. Result: The motion is passed (21 Yes; 0 No; 1 Abstain).
19. Motion #438: Comment Resolution. Move to accept the comment resolution for CIDs 1975, 1996, 2018, 2237, and 2019 as proposed in 18/0430r2; and CIDs 1903, 1904, 1976, 2001, 2020, 2239, and 1342 as proposed in 18/0610r1
    1. Note 1: The revised contribution 18/04303r2 was uploaded in the March plenary.
    2. Note 2: The contribution 18/0610r1 was presented on April 4.
    3. Move: Hiroyuki Motozuka
    4. Second: Claudio da Silva
    5. Result: The motion is passed (19 Yes; 0 No; 0 Abstain).
20. Motion #439: Comment Resolution. Move to the comment resolution for CIDs 1949 and 1465 as proposed in 18/0636r4.
    1. Note: The contribution 18/0636r3 was presented on May 2. The author has uploaded 18/0636r4 because of two editorial fixes.
    2. Move: Hiroyuki Motozuka
    3. Second: Carlos Cordeiro
    4. Result: The motion is passed (19 Yes; 0 No; 0 Abstain).
21. Motion #440: Comment Resolution. Move to the comment resolution for CIDs 1069, 1072, 1081, 2400, 1083, 1112, 1163, 1164, 1722, 1188, 1189, 1217, 1254, 1255, 1256, 1257, 1285, 1380, 1381, 1656, 1692, 1858, 1859, 1867, 1940, 1943, 2113, 2202, 2114, 2173, 2174, 2201, 1258, 1259, 1260, and 2203 as proposed in 18/0667r1.
    1. Note: The contribution was presented on May 2.
    2. Move: Solomon Trainin
    3. Second: Assaf Kasher
    4. Result: The motion is passed (19 Yes; 0 No; 0 Abstain).
22. Chair reminded the task group about the development of draft amendment (slide 47).
23. Comment Resolution
    1. Presentation by Yutaka Murakami (Panasonic), Comment resolution on phase hopping, Doc. IEEE 802.11-18/0735r0.
       1. Opened the floor for discussion.
       2. A member requests for edits related to peer STA for the CID 1160.
    2. Presentation by Carlos Cordeiro (Intel), Annex B – PICS, Doc. IEEE 802.11-18/0634r4, which is a follow-up discussion based on the feedback received from members on the April 4th teleconference call.
       1. Opened the floor for discussion. Edits are made during the discussion and the latest version for consideration is 18/0634r5.
       2. Members do not have any technical concern on CIDs 1388, 1423, 1047, 1673, 1247, 1432, 1561, 1630, 2228, 1833, 1881, 1988, 1824, 1679, 1922, 2220, 1086, 1736, 1558, 1176, and 1638. No straw poll is taken, and these CIDs are ready for motion on Wednesday AM1.
    3. Presentation by James Wang (MediaTek), CR on CIDs for 10.39.9.4 (Group Beamforming), Doc. IEEE 802.11-18/0712r2.
       1. Opened the floor for discussion. Edits are made during the discussion and the latest version for consideration is 18/0712r3.
       2. Members do not have any technical concern on CIDs 1202, 1906, 1408, and 2170. No straw poll is taken, and these CIDs are ready for motion on Wednesday AM1.
    4. Presentation by James Wang (MediaTek), CR on CIDs in Clause 3, Doc. IEEE 802.11- 18/0851r0.
       1. Opened the floor for discussion.
       2. Members do not have any technical concern on CIDs 2189, 2194, 1178, and 2193. No straw poll is taken, and these CIDs are ready for motion on Wednesday AM1.
    5. Presentation by James Wang (MediaTek), CR on CIDs in Clause 9, Doc. IEEE 802.11- 18/0852r0.
       1. Opened the floor for discussion. Edits are made during the discussion and the latest version for consideration is 18/0852r1.
       2. Members do not have any technical concern on CIDs 1192 and 1210. No straw poll is taken, and these CIDs are ready for motion on Wednesday AM1.
    6. Presentation by James Wang (MediaTek), CR on CIDs in Clause 10 and Clause 30, Doc. IEEE 802.11-18/0853r0.
       1. Opened the floor for discussion. Edits are made during the discussion and the latest version for consideration is 18/0853r1.
       2. Members do not have any technical concern on CIDs 1718, 1694, 1221, and 1231. No straw poll is taken, and these CIDs are ready for motion on Wednesday AM1.
    7. Presentation by Chris Hansen (Peraso), LB231 CID resolutions, Doc. IEEE 802.11- 18/0679r1.
       1. Opened the floor for discussion.
       2. Members do not have any technical concern on the CID 1120. No straw poll is taken, and this CID is ready for motion on Wednesday AM1.
24. Meeting recessed at 12:30 CEST.

**Monday PM2, May 7 (16:00-18:00 CEST)**

Attendance: around 38 people

1. The IEEE 802.11ay task group meeting was called to order at 16:00 CEST by the Chair, Edward Au (Huawei).
2. Agenda Doc. IEEE 802.11-18/0645r2.
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.
4. Chair reviewed the meeting agenda for this session.
5. Comment Resolution
   1. Presentation by Claudio da Silva (Intel), Performance requirements for the EDMG SC mode, Doc. IEEE 802.11-18/0713r0.
      1. Opened the floor for discussion. Edits are made during the discussion and the latest version for approval is 18/0713r1.
      2. Comments received from members for further edits on CIDs 1323, 1620, 1888, 1917, and 2090.
   2. Presentation by Claudio da Silva (Intel), Resolution of BRP TXSS for channel aggregation CIDs, Doc. IEEE 802.11-18/0730r0.
      1. Opened the floor for discussion.
      2. Members do not have any technical concern on CIDs 1048 and 1633. No straw poll is taken, and these CIDs are ready for motion on Wednesday AM1.
   3. Presentation by Claudio da Silva (Intel), Resolution of BRP TXSS-related CIDs III, Doc. IEEE 802.11-18/0731r0.
      1. Opened the floor for discussion. Edits are made during the discussion and the latest version for consideration is 18/0731r1.
      2. Members do not have any technical concern on CIDs 1794, 1394, 1364, 1365, and 1366. No straw poll is taken, and these CIDs are ready for motion on Wednesday AM1.
      3. Comments received from members for further edits on CIDs 1158, 1791, and 1790.
   4. Presentation by Claudio da Silva (Intel), Resolution of PHY CIDs, Doc. IEEE 802.11- 18/0732r0.
      1. Opened the floor for discussion. Edits are made during the discussion and the latest version for consideration is 18/0732r1.
      2. Members do not have any technical concern on CIDs 1510, 2238, 1250, 1001, 1328, 1912, 1544, 1545, 1460, 1602, and 2051. No straw poll is taken, and these CIDs are ready for motion on Wednesday AM1.
      3. Comments received from members for further edits on CID 1802.
   5. Presentation by Chris Hansen (Peraso), LB231 CID resolutions, Doc. IEEE 802.11- 18/0679r1.
      1. Opened the floor for discussion. Edits are made during the discussion and the latest version for approval is 18/0679r2.
      2. Members do not have any technical concern on CIDs 1203, 1207, 1272, 1386, and 2234. No straw poll is taken, and these CIDs are ready for motion on Wednesday AM1.
      3. Comments received from members for further edits on CIDs 1204, 1971, and 2279.
   6. Presentation by Yutaka Murakami (Panasonic), Comment resolution on phase hopping, Doc. IEEE 802.11-18/0735r1, which takes into account members’ comments on CID 1160.
      1. Opened the floor for discussion.
      2. Members do not have any technical concern on CID 1160. No straw poll is taken, and this CID is ready for motion on Wednesday AM1.
6. Meeting recessed at 17:55 CEST.

**Monday PM3, May 7 (19:30-21:30 CEST)**

Attendance: around 28 people

1. The IEEE 802.11ay task group meeting was called to order at 19:30 CEST by the Chair, Edward Au (Huawei).
2. Agenda Doc. IEEE 802.11-18/0645r3.
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.
4. Chair reviewed the meeting agenda for this session.
5. Comment Resolution
   1. Presentation by Ilya Boloton (Intel), Resolution of CIDs related to MU BA and RD, Doc. IEEE 802.11-18/0757r1.
      1. Opened the floor for discussion. Edits are made during the discussion.
      2. Comments received from members for further edits on CIDs 1075, 1076, 1129, 1411, 1642, 1651, 1762, 1763, 1860, 1944, 1947, 1960, 1962, 2175, 2252, 2258, 2259, 2285, 2288, and 2295.
   2. Presentation by Chris Hansen (Peraso), Comment resolutions on unsolicited Block ACK, Doc. IEEE 802.11-18/0820r0.
      1. Opened the floor for discussion.
      2. Members do not have any technical concern on CIDs 1103, 1104, 1105, and 1106. No straw poll is taken, and these CIDs are ready for motion on Wednesday AM1.
      3. Comments received from members for further edits on CID 1102.
6. Meeting recessed at 21:30 CEST.

**Tuesday AM1, May 8 (08:00-10:00 CEST)**

Attendance: around 35 people

1. The IEEE 802.11ay task group meeting was called to order at 08:05 CEST by the Chair, Edward Au (Huawei).
2. Agenda Doc. IEEE 802.11-18/0645r5.
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.
4. Chair reviewed the meeting agenda for this session.
5. Technical Presentation
   1. Presentation by Chris Hansen (Peraso), TDD coexistence, Doc. IEEE 802.11-18/0877r0.
      1. Opened the floor for discussion.
      2. Straw poll #1: Do you support adding mandatory co-existence mechanisms to the 802.11ay draft to protect DMG and EDMG STAs from DMG or EDMG STAs that are employing the TDD protocol?
         1. Result: 8 Yes; 13 No; 12 Abstain
      3. Straw poll #2: Do you support adding mandatory transmit power control mechanism(s) to the 802.11ay draft to protect DMG and EDMG STAs from DMG or EDMG STAs that are employing the TDD protocol?
         1. Result: 17 Yes; 6 No; 7 Abstain
   2. Presentation by Payam Torab (Facebook), Co-channel interference mitigation requirements for millimeter wave distribution networks, Doc. IEEE 802.11-18/0750r0.
      1. Opened the floor for discussion.
      2. Straw poll #1: Do you agree with requirement in Slide 7 for TDD receivers: Mandatory (“shall”) for TDD-capable devices?
         1. Result: 0 Yes; 17 No; 15 Abstain
      3. Straw poll #2: Do you agree with requirement in Slide 7 for TDD receivers: Recommended (“should”) for TDD-capable devices?
         1. Result: 11 Yes; 9 No; 10 Abstain
      4. Straw poll #3: Do you agree with adding a PHY-RXABORT primitive to the PHY SAP service primitives table (Table 8-2)?
         1. Result: 15 Yes; 4 No; 14 Abstain

1. Meeting recessed at 09:59 CEST.

**Tuesday AM2, May 8 (10:30-12:30 CEST)**

Attendance: around 36 people

1. The IEEE 802.11ay task group meeting was called to order at 10:30 CEST by the Chair, Edward Au (Huawei).
2. Agenda Doc. IEEE 802.11-18/0645r5.
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.
4. Chair reviewed the meeting agenda for this session.
5. Comment Resolution
   1. Presentation by Saehee Bang (LGE), Comment resolution, Doc. IEEE 802.11-18/0843r2.
      1. Opened the floor for discussion.
      2. Members do not have any technical concern on the CID 2168. No straw poll is taken, and this CID is ready for motion on Wednesday AM1.
      3. Comments received from members for further edits on CID 2167.
   2. Presentation by SungJin Park (LGE), Comment resolution on SU-MIMO BF for TDD SP, Doc. IEEE 802.11-18/0841r0.
      1. Opened the floor for discussion.
      2. Comments received from members for further edits on CID 1636.
6. Technical Presentation and Comment Resolution
   1. Presentation by Mohamed Abouelseoud (Sony), Discovery assistance for 802.11ay, Doc. IEEE 802.11-18/0816r1, and Discovery assistance for 802.11ay normative text, Doc. IEEE 802.11-18/0817r0.
      1. Opened the floor for discussion.
      2. Straw poll #1: Do you support the use of the FST setup protocol as described in 11- 18/0817r0 to enable multi-band discovery assistance in multi-band capable devices?
         1. Result: 8 Yes; 4 No; 24 Abstain
7. Technical Presentation
   1. Presentation by Sam Alex (Facebook), Field measurement results for distribution networks and short range devices coexistence – part 2, Doc. IEEE 802.11-18/0749r0.
      1. Opened the floor for discussion.
8. Meeting recessed at 12:30 CEST.

**Tuesday PM3, May 8 (19:30-21:30 CEST)**

Attendance: around 39 people

1. The IEEE 802.11ay task group meeting was called to order at 19:30 CEST by the Chair, Edward Au (Huawei).
2. Agenda Doc. IEEE 802.11-18/0645r6.
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.
4. Chair reviewed the meeting agenda for this session.
5. Technical Presentation
   1. Presentation by JinMin Kim (LGE), MU Exclusive field for HBF, Doc. IEEE 802.11- 18/0849r2, and MU Exclusive Beamforming Report field, Doc. IEEE 802.11- 18/0850r2,
      1. Opened the floor for discussion.
      2. Straw poll: Do you agree to accept the text in 11-18/0850r1 - Draft text for MU Exclusive Beamforming Report field?
         1. Result: 19 Yes; 0 No; 7 Abstain
         2. This contribution 18/0850r2 is ready for motion on Wednesday AM1
   2. Presentation by Saehee Bang (LGE), Procedure for slot structure start time, Doc. IEEE 802.11-18/0844r0.
      1. Opened the floor for discussion. A member requests more time to refine the proposed text. The straw poll is not considered.
   3. Presentation by Saehee Bang (LGE), Efficient TDD slot schedule mechanism, Doc. IEEE 802.11-18/0842r0.
      1. Opened the floor for discussion.
      2. Straw poll: Do you agree to include the text for TDD slot schedule duration mechanism proposed in (11-18-0842-00-00ay-Efficient TDD slot schedule mechanism) to the spec draft?
         1. Result: 24 Yes; 0 No; 8 Abstain
   4. Presentation by Alecsander Eitan (Qualcomm), CCI resilience text for TDD receiver, Doc. IEEE 802.11-18/0932r0.
      1. Opened the floor for discussion. Edits are made during the discussion and the latest version for consideration is 18/0932r1. Members request more time to refine the proposed text.
   5. Presentation by Sam Alex (Facebook), Field measurement results for distribution networks and short range devices coexistence – part 2, Doc. IEEE 802.11-18/0749r0.
      1. Resume the floor for discussion.
   6. Presentation by Sam Alex (Facebook), Observations on DMG CCA level, Doc. IEEE 802.11-18/0778r0.
      1. Opened the floor for discussion.
6. Meeting recessed at 21:30 CEST.

**Wednesday AM1, May 9 (08:00-10:00 CEST)**

Attendance: around 32 people

1. The IEEE 802.11ay task group meeting was called to order at 08:00 CEST by the Chair, Edward Au (Huawei).
2. Agenda Doc. IEEE 802.11-18/0645r7.
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.
4. Chair reviewed the meeting agenda for this session.
5. Motion #441: Comment Resolution. Move to accept the comment resolution for CIDs 1388, 1423, 1047, 1673, 1247, 1432, 1561, 1630, 2228, 1833, 1881, 1988, 1824, 1679, 1922, 2220, 1086, 1736, 1558, 1176, and 1638 as proposed in 18/0643r5.
   1. Move: Claudio da Silva
   2. Second: Chris Hansen
   3. Result: The motion is passed (15 Yes; 0 No; 0 Abstain).
6. Motion #442: Comment Resolution. Move to accept the comment resolution for CIDs 1202, 1906, 1408, and 2170 as proposed in 18/0712r3; CIDs 2189, 2194, 1178, and 2193 as proposed in 18/0851r0; CIDs 1192 and 1210 as proposed in 18/0852r1; and CIDs 1718, 1694, 1221, and 1231 as proposed in 18/0853r1.
   1. Move: James Wang
   2. Second: Claudio da Silva
   3. Result: The motion is passed (15 Yes; 0 No; 0 Abstain).
7. Motion #443: Comment Resolution. Move to accept the comment resolution for CIDs 1120, 1203, 1207, 1272, 1386, and 2234 as proposed in 18/0679r3; and CIDs 1103, 1104, 1105, and 1106 as proposed in 18/0820r0.
   1. Move: Chris Hansen
   2. Second: Claudio da Silva
   3. Result: The motion is passed (14 Yes; 0 No; 0 Abstain).
8. Motion #444: Comment Resolution. Move to accept the comment resolution for CIDs 1048 and 1633 as proposed in 18/0730r0; CIDs 1794, 1394, 1364, 1365, and 1366 as proposed in 18/0731r1; and CIDs 1510, 2238, 1250, 1001, 1328, 1912, 1544, 1545, 1460, 1602, and 2051 as proposed in 18/0732r1.
   1. Move: Claudio da Silva
   2. Second: Sang Kim
   3. Result: The motion is passed (16 Yes; 0 No; 0 Abstain).
9. Motion #445: Comment Resolution. Move to accept the comment resolution for CID 1160 as proposed in 18/0735r1.
   1. Move: Yutaka Murakami
   2. Second: Sang Kim
   3. Result: The motion is passed (19 Yes; 0 No; 0 Abstain).
10. Motion #446: Draft. Move to include the text proposed in 18/0547r4 that supports additional TDD beamforming procedures in the IEEE 802.11ay draft amendment.
    1. Note: The contribution 18/0547r1 was presented on April 11. Editorial fixes are made, comments are addressed and the contribution is uploaded to 18/0547r4
    2. Move: Tony Han
    3. Second: Claudio da Silva
    4. Result: The motion is passed (17 Yes; 0 No; 0 Abstain).
11. Comment Resolution
    1. Presentation by Cheng Chen (Intel), Resolution to CID 1355, 1597 and 1955, Doc. IEEE 802.11-18/0722r0.
       1. Opened the floor for discussion. Edits are made during the discussion and the latest version for consideration is 18/0722r1.
       2. Members do not have any technical concern on the following CIDs, namely 1355, 1597, and 1955. No straw poll is taken and these CIDs are ready for motion on Thursday PM1.
    2. Presentation by Cheng Chen (Intel), Resolution to CIDs related to MIMO channel access, Doc. IEEE 802.11-18/0723r1.
       1. Opened the floor for discussion. Edits are made during the discussion and the latest version for consideration is 18/0723r2.
       2. Members do not have any technical concern on the following CIDs, namely 1228, 1229, 1230, 1372, 1373, 1378, 1379, 1409, 1681, 1897, 2005, 2182, 2338, 1405, 1406, 1407, 1475, 2291, 1477, 1570, 1654, 1655, 1782, 1783, 2292, 1894, 2293, 2294, and 2296. No straw poll is taken but a member requests some time to work with the author to improve the text. These CIDs are tentatively ready for motion on Thursday PM1.
       3. Comments received from members for further edits on CIDs 1476, 1478, and 1479.
    3. Presentation by Cheng Chen (Intel), Resolution to CIDs related to TDD scheduling - Part 2, Doc. IEEE 802.11-18/0721r0.
       1. Opened the floor for discussion. Edits are made during the discussion and the latest version for consideration is 18/0721r1.
       2. Members do not have any technical concern on the following CIDs, namely 1290, 1384, 1592, 1745, 1754, 2002, 2246, 1743, 1744, 1770, 1774, 1798, 1939, 2148, 2155, 2161, 2162, 2163, 2164. No straw poll is taken and these CIDs are ready for motion on Thursday PM1.
    4. Presentation by Claudio da Silva (Intel), Resolution of BRP TXSS-related CIDs III, Doc. IEEE 802.11-18/0731r1, which is a follow-up presentation on CIDs 1158, 1791, and 1790 after taking into account comments from members.
       1. Opened the floor for discussion.
       2. Members do not have any technical concern on CIDs 1158, 1791, and 1790. No straw poll is taken, and these CIDs are ready for motion on Thursday PM1.
    5. Presentation by Claudio da Silva (Intel), Resolution of PHY CIDs, Doc. IEEE 802.11- 18/0732r1, which is a follow-up presentation on CID 1802 after taking into account comments from members.
       1. Opened the floor for discussion.
       2. Members do not have any technical concern on CID 1802. No straw poll is taken, and this CID is ready for motion on Thursday PM1.
    6. Presentation by Claudio da Silva (Intel), Performance requirements for the EDMG SC mode, Doc. IEEE 802.11-18/0713r3, which is a follow-up presentation on CIDs 1323, 1620, 1888, 1917, and 2090 after taking into account comments from members.
       1. Opened the floor for discussion.
       2. Members do not have any technical concern on CIDs 1323, 1620, 1888, 1917, and 2090. No straw poll is taken and these CIDs are ready for motion on Thursday PM1.
12. Chair discussed on whether an additional 2-hour session is needed.
    1. Motion: Move to add an additional 2-hour session, Thursday PM2, in the May 2018 interim.
       1. Result: The motion is passed (19 Yes; 2 No; 4 Abstain).
13. Meeting recessed at 09:58 CEST.

**Wednesday PM1, May 9 (13:30-15:30 CEST)**

Attendance: around 33 people

1. The IEEE 802.11ay task group meeting was called to order at 13:30 CEST by the Chair, Edward Au (Huawei). Due to the operation difficulties of the projector, Chair called a 15-minutes access. The meeting was resumed at 13:45 CEST.
2. Agenda Doc. IEEE 802.11-18/0645r8.
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.
4. Chair reviewed the meeting agenda for this session.
5. Comment Resolution
   1. Presentation by JinMin Kim (LGE), CR on hybrid beamforming feedback, Doc. IEEE 802.11-18/0441r2.
      1. Opened the floor for discussion.
      2. Members do not have any technical concern on the following CIDs, namely 1375, 1579, 1580, 1581, 1905, and 2026. No straw poll is taken and these CIDs are ready for motion on Thursday PM1.
   2. Presentation by Kome Oteri (InterDigital), Further comment resolutions on clause 10.36.11.4.4 (MU-MIMO channel access procedure), Doc. IEEE 802.11-18/0714r0.
      1. Opened the floor for discussion.
      2. Members do not have any technical concern on CID 2297. No straw poll is taken and this CID is ready for motion on Thursday PM1.
   3. Presentation by Kome Oteri (InterDigital), Comment resolutions on clause 10.38.9.2.4 (Hybrid beamforming for SU-MIMO and MU-MIMO), Doc. IEEE 802.11-18/0715r0.
      1. Opened the floor for discussion.
      2. Members do not have any technical concern on CIDs 1354, 1374, 1844, 1351, 2024, 2025, 2027, 1491, 1346, 1349, 1350, 1352, and 1489. No straw poll is taken and these CIDs are ready for motion on Thursday PM1.
6. Technical Presentation
   1. Presentation by Lochan Verma (Qualcomm), MLME definition for TDD slot structure and TDD slot schedule, Doc. IEEE 802.11-18/0746r0.
      1. Opened the floor for discussion.
      2. Members do not have any technical concern on this contribution, which is ready for motion on Thursday PM1.
7. Comment Resolution
   1. Presentation by Solomon Trainin (Qualcomm), LB231 Comment resolution of CID in range of 1069 – 2402 – Part 2, Doc. IEEE 802.11-18/0832r1.
      1. Opened the floor for discussion. Edits are made during the discussion and the latest version for consideration is 18/0832r2.
      2. Members do not have any technical concern on the following CIDs, namely 1464, 2204, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2231, 2235, 2244, 2245, 2260, and 2265. No straw poll is taken and these CIDs are ready for motion on Thursday PM1.
   2. Presentation by SungJin Park (LGE), Comment resolution on SU-MIMO BF for TDD SP, Doc. IEEE 802.11-18/0841r1, which is a follow-up discussion CID 1636 after taking into account comments from members.
      1. Opened the floor for discussion.
      2. Members do not have any technical concern on CID 1636. No straw poll is taken, and this CID is ready for motion on Thursday PM1.
   3. Presentation by Chris Hansen (Peraso), Comment resolutions on unsolicited Block ACK, Doc. IEEE 802.11-18/0820r0.
      1. Opened the floor for discussion.
      2. Members do not have any technical concern on CIDs 1107, 1116, 1220, 1646, 1649, 2200, 2205, and 2238. No straw poll is taken, and these CIDs are ready for motion on Thursday PM1.
8. Meeting recessed at 15:25 CEST.

**Thursday AM1, May 10 (08:00-10:00 CEST)**

Attendance: around 32 people

1. The IEEE 802.11ay task group meeting was called to order at 08:02 CEST by the Chair, Edward Au (Huawei).
2. Agenda Doc. IEEE 802.11-18/0645r9.
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.
4. Chair reviewed the meeting agenda for this session.
5. Comment Resolution
   1. Presentation by Oren Kedem (Qualcomm), LB231 Resolution of flow control related CIDs, Doc. IEEE 802.11-18/0766r2.
      1. Opened the floor for discussion.
      2. Members do not have any technical concern on the following CIDs, namely 1070, 1187, 1709, 1710, 1071, 1073, 2116, 1286, 1713, 1712, 1135, 2115, 2117, 2240, 2241, 1125, 1713, 2130, 2131, 2133, 1108, 1219, 1876, 1983, 2137, 2267, 2276, 2277, 2278, 2280, 2281, 2268, and 2282. No straw poll is taken and these CIDs are ready for motion on Thursday PM1.
   2. Presentation by Oren Kedem (Qualcomm), Resolution of various CIDs, Doc. IEEE 802.11-18/0783r1.
      1. Opened the floor for discussion.
      2. Members do not have any technical concern on the following CIDs, namely 1002, 1181, 1700, 1701, 1090, 1890, 2192, and 1739. No straw poll is taken and these CIDs are ready for motion on Thursday PM1.
   3. Presentation by Carlos Cordeiro (Intel), Comment resolution, Doc. IEEE 802.11- 18/0067r7.
      1. Opened the floor for discussion.
      2. Members do not have any technical concern on the following CIDs, namely 1435, 2188, 1089, 2190, 1429, 1698, 1726, 2191, 1889, 1430, 2195, 2196, 1004, 1823, 1005, 1941, 1732, 1153, 1497, 1827, 2009, 1968, 2178, 1277, 1826, 1914, 1915, 1134, and 1291. No straw poll is taken and these CIDs are ready for motion on Thursday PM1.
   4. Presentation by Saehee Bang (LGE), Efficient TDD slot schedule mechanism text, Doc. IEEE 802.11-18/0951r0.
      1. Opened the floor for discussion.
      2. Members do not have any technical concern on this contribution, which is ready for motion on Thursday PM1.
6. Meeting recessed at 10:00 CEST.

**Thursday PM1, May 10 (13:30-15:30 CEST)**

Attendance: around 33 people

1. The IEEE 802.11ay task group meeting was called to order at 13:30 CEST by the Chair, Edward Au (Huawei).
2. Agenda Doc. IEEE 802.11-18/0645r10.
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.
4. Chair reviewed the meeting agenda for this session.
5. Motion #447: Vice Chair election/reaffirmation. Motion to reaffirm Sang Kim as vice chair of Task Group AY.
   1. Move: George Calcev
   2. Second: Claudio da Silva
   3. Result: The motion is passed (23 Yes; 0 No; 0 Abstain).
6. Motion #448: Secretary reaffirmation. Motion to reaffirm Jeorge Hurtarte as secretary of Task Group AY.
   1. Move: Sang Kim
   2. Second: Claudio da Silva
   3. Result: The motion is passed (23 Yes; 0 No; 0 Abstain).
7. Motion #449: Draft. Move to include the text proposed in 18/0681r2 that clarifies the TXSS sector list feedback in the IEEE 802.11ay draft amendment.
   1. Note: The contributions 18/0668r2 and 18/0681r2 were presented on May 2.
   2. Move: Hiroyuki Motozuka
   3. Second: Claudio da Silva
   4. Result: The motion is passed (23 Yes; 0 No; 0 Abstain).
8. Motion #450: Comment Resolution. Move to accept the comment resolution for CIDs 1355, 1597, and 1955 as proposed in 18/0722r1; CIDs 1228, 1229, 1230, 1372, 1373, 1378, 1379, 1409, 1681, 1897, 2005, 2182, 2338, 1405, 1406, 1407, 1475, 2291, 1477, 1570, 1654, 1655, 1782, 1783, 2292, 1894, 2293, 2294, and 2296 as proposed in 18/0723r4; and CIDs 1290, 1384, 1592, 1745, 1754, 2002, 2246, 1743, 1744, 1770, 1774, 1798, 1939, 2148, 2155, 2161, 2162, 2163, and 2164 as proposed in 18/0721r1.
   1. Move: Cheng Chen
   2. Second: Solomon Trainin
   3. Result: The motion is passed (23 Yes; 0 No; 0 Abstain).
9. Motion #451: Comment Resolution. Move to accept the comment resolution for CIDs 1158, 1791, and 1790 as proposed in 18/0731r1; CID 1802 as proposed in 18/0732r1; and CIDs 1323, 1620, 1888, 1917, and 2090 as proposed in 18/0713r3.
   1. Move: Claudio da Silva
   2. Second: Cheng Chen
   3. Result: The motion is passed (25 Yes; 0 No; 0 Abstain).
10. Motion #452: Comment Resolution. Move to accept the comment resolution for CIDs 1375, 1579, 1580, 1581, 1905, and 2026 as proposed in 18/0441r2.
    1. Move: JinMin Kim
    2. Second: Sang Kim
    3. Result: The motion is passed (27 Yes; 0 No; 0 Abstain).
11. Motion #453: Comment Resolution. Move to accept the comment resolution for CID 2297 as proposed in 18/0714r0; and CIDs 1354, 1374, 1844, 1351, 2024, 2025, 2027, 1491, 1346, 1349, 1350, 1352, and 1489 as proposed in 18/0715r0.
    1. Move: Kome Oteri
    2. Second: Li-Hsiang Sun
    3. Result: The motion is passed (27 Yes; 0 No; 0 Abstain).
12. Motion #454: Draft. Move to include the text proposed in 18/0746r0 that proposes MLME definition for TDD slot structure and TDD slot schedule in the IEEE 802.11ay draft amendment.
    1. Move: Lochan Verma
    2. Second: Sang Kim
    3. Result: The motion is passed (25 Yes; 0 No; 0 Abstain).
13. Motion #455: Comment Resolution. Move to accept the comment resolution for CIDs 1464, 2204, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2231, 2235, 2244, 2245, 2260, and 2265 as proposed in 18/0832r2.
    1. Move: Solomon Trainin
    2. Second: George Calcev
    3. Result: The motion is passed (26 Yes; 0 No; 0 Abstain).
14. Motion #456: Comment Resolution. Move to accept the comment resolution for CID 1636 as proposed in 18/0841r1.
    1. Move: SungJin Park
    2. Second: Sang Kim
    3. Result: The motion is passed (27 Yes; 0 No; 0 Abstain).
15. Motion #457: Comment Resolution. Move to accept the comment resolution for CIDs 1107, 1116, 1220, 1646, 1649, 2200, 2205, and 2238 as proposed in 18/0958r0..
    1. Move: Chris Hansen
    2. Second: Nelson Costa
    3. Result: The motion is passed (26 Yes; 0 No; 0 Abstain).
16. Motion #458: Comment Resolution. Move to include the text proposed in 18/0850r2 related to the MU Exclusive Beamforming Report field in the IEEE 802.11ay draft amendment.
    1. Move: JinMin Kim
    2. Second: Sang Kim
    3. Result: The motion is passed (26 Yes; 0 No; 0 Abstain).
17. Motion #459: Comment Resolution. Move to accept the comment resolution for CID 2168 as proposed in 18/0843r2.
    1. Move: Saehee Bang
    2. Second: Sang Kim
    3. Result: The motion is passed (23 Yes; 0 No; 0 Abstain).
18. Motion #460: Comment Resolution. Move to include the text proposed in 18/0951r0 related to the modification of the TDD Slot Schedule element in the IEEE 802.11ay draft amendment.
    1. Move: Saehee Bang
    2. Second: Sang Kim
    3. Result: The motion is passed (23 Yes; 0 No; 1 Abstain).
19. Motion #461: Comment Resolution. Move to accept the comment resolution for CIDs 1070, 1187, 1709, 1710, 1071, 1073, 2116, 1286, 1713, 1712, 1135, 2115, 2117, 2240, 2241, 1125, 1713, 2130, 2131, 2133, 1108, 1219, 1876, 1983, 2137, 2267, 2276, 2277, 2278, 2280, 2281, 2268, and 2282 as proposed in 18/0766r2; CIDs 1002, 1181, 1700, 1701, 1090, 1890, 2192, and 1739 as proposed in 18/0783r1.
    1. Move: Oren Kedem
    2. Second: Solomon Trainin
    3. Result: The motion is passed (23 Yes; 0 No; 0 Abstain).
20. Motion #462: Comment Resolution. Move to accept the comment resolution for CIDs 1435, 2188, 1089, 2190, 1429, 1698, 1726, 2191, 1889, 1430, 2195, 2196, 1004, 1823, 1005, 1941, 1732, 1153, 1497, 1827, 2009, 1968, 2178, 1277, 1826, 1914, 1915, 1134, and 1291 as proposed in 18/0067r7.
    1. Move: Carlos Cordeiro
    2. Second: Solomon Trainin
    3. Result: The motion is passed (24 Yes; 0 No; 0 Abstain).
21. Comment Resolution
    1. Presentation by George Calcev (Huawei), CID 1693 - LOS determination, Doc. IEEE 802.11-18/0459r0.
       1. Opened the floor for discussion.
       2. Comments received from members for further edits on CID 1693.
    2. Presentation by Alecsander Eitan (Qualcomm), TGaz related CIDs resolution, Doc. IEEE 802.11-18/0814r0.
       1. Opened the floor for discussion.
       2. Members do not have any technical concern on CIDs 1874 and 1981. No straw poll is taken and these CIDs are ready for motion.
       3. The following straw poll is drafted by the presenter for the Task Group to discuss. Based on the discussion, the straw poll is not conducted.
          1. Straw poll #1: Which option do you prefer for handling CIDs 1880 and 1987:
             1. Use CID resolution as presented in 18/0814r0
             2. Allocate bit in EDMG Header-A as in 18/0814r0, with text in EDMG Header-A just stating “Reserved for Secured TRN”
             3. Reject the comment
             4. Abstain
       4. Comments received from members for further edits on CIDs 1880 and 1987.
    3. Presentation by Oren Kedem (Intel), Resolution of multiple antenna CCA and MIMO channel access CIDs, Doc. IEEE 802.11-18/0782r1.
       1. Opened the floor for discussion. Edits are made during the discussion and the latest version for consideration is 18/0782r2.
       2. Members do not have any technical concern on CIDs 1361, 1362, and 2079. No straw poll is taken and these CIDs are ready for motion.
22. Technical Presentation
    1. Presentation by Cheng Chen (Intel), Draft text for protocol and frames for TDD link maintenance, Doc. IEEE 802.11-18/0786r2.
       1. Opened the floor for discussion.
          1. Anuj Batra (Apple) raised his objection for this presentation because it is not related to comment resolution. Chair responded that there is no objection at the beginning of this session on the agenda items and this presentation has been started prior to the objection. Anuj Batra requested to document his rejection in the meeting minutes. Chair acknowledged the request.
          2. Edits are made during the discussion and the latest version for consideration is 18/0786r3.
23. Meeting recessed at 15:30 CEST.

**Thursday PM2, May 10 (16:00-18:00 CEST)**

Attendance: around 37 people

1. The IEEE 802.11ay task group meeting was called to order at 16:00 CEST by the Chair, Edward Au (Huawei).
2. Agenda Doc. IEEE 802.11-18/0645r11.
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.
4. Chair reviewed the meeting agenda for this session with an agenda request from Carlos Cordeiro (Intel) on the Working Group Document 15/1489r11:
   * + Call meeting to order
     + Patent policy and logistics
     + Agenda setting
     + Working Group Document 15/1489r11
     + Comment resolution
     + Motions
     + Goal for July 2018 plenary
     + Teleconference call schedule
     + Adjourn
   1. Original Motion: Move to accept the meeting agenda for this session.
      1. Move: Claudio da Silva
      2. Second: Allen Heberling
      3. Discussion took place with a request to allow Cheng Chen (Intel) to finish his presentation on the technical contribution 18/0786r3.
      4. Call the question.
         1. Move: Chris Hansen
         2. Second: Anuj Batra
         3. Result: The call the question is failed (6 Yes; 10 No; 8 Abstain)
      5. Discussion continued and Payam Torab (Facebook) moved to amend the original motion as follows.
         1. First Amended Motion: Move to accept the meeting agenda for this session:
            * Call meeting to order
            * Patent policy and logistics
            * Agenda setting
            * Technical presentation on 18/0786r3
            * Working Group Document 15/1489r11
            * Comment resolution
            * Motions
            * Goal for July 2018 plenary
            * Teleconference call schedule
            * Adjourn
            1. Move: Payam Torab
            2. Second: Assaf Kasher
            3. Result: The first amended motion is passed (15 Yes; 4 No; 6 Abstain).
      6. Discussion took place on the original motion and Chris Hansen (Peraso) moved to amend the amended motion as follows.
         1. Second Amended Motion: Move to accept the meeting agenda for this session:
            * Call meeting to order
            * Patent policy and logistics
            * Agenda setting
            * Technical presentation on 18/0786r3 (limited to 5 minutes)
            * Working Group Document 15/1489r11
            * Comment resolution
            * Motions
            * Goal for July 2018 plenary
            * Teleconference call schedule
            * Adjourn
            1. Move: Anuj Batra
            2. Second: Chris Hansen
            3. Result: The second amended motion is passed (17 Yes; 0 No; 7 Abstain).
      7. Discussion took place on the original motion and Chris Hansen (Peraso) moved to make a friendly amendment of the original motion as follows.
         1. Motion: Move to accept the meeting agenda for this session:
            * Call meeting to order
            * Patent policy and logistics
            * Agenda setting
            * Working Group Document 15/1489r11
            * Technical presentation on 18/0786r3 (limited to 5 minutes)
            * Comment resolution
            * Motions
            * Goal for July 2018 plenary
            * Teleconference call schedule
            * Adjourn
            1. Move: Chris Hansen
            2. Second: Anuj Batra
            3. Result: The motion is failed (4 Yes; 12 No; 8 Abstain).
      8. Discussion took place on the original motion. There was no further discussion and the original motion was approved with unanimous consent.
5. Technical Presentation
   1. Presentation by Cheng Chen (Intel), Draft text for protocol and frames for TDD link maintenance, Doc. IEEE 802.11-18/0786r3.
      1. Opened the floor for discussion.
6. Working Group Chair, Dorothy Stanley (HPE), addressed the task group on the topic related to Letter of Assurance. Working Group Chair presented the item F.2.5 of the slide deck May 2018 802.11 Session WG Chair’s Supplementary Material, Doc. IEEE 802.11-18/0624r3, and Register of IEEE 802.11 LoA requests, Doc. IEEE 802.11-15/1489r11. She emphasized that the information she shared with the task group is informative. She then walked through the Guideline for IEEE WG meetings as shown in slide 6 of the task group agenda slide deck, and took a few questions from the task group members.
7. Comment Resolution
   1. Presentation by SungJin Park (LGE), Comment resolution on channel measurement for TDD slot, Doc. IEEE 802.11-18/0839r0.
      1. Opened the floor for discussion.
      2. Members do not have any technical concern on CID 1637. No straw poll is taken and this CID is ready for motion.
   2. Presentation by SungJin Park (LGE), Comment resolutions for EDMG channel access CIDs, Doc. IEEE 802.11-18/0840r0.
      1. Opened the floor for discussion. Edits are made during the discussion and the latest version for consideration is 18/0840r2.
      2. Members do not have any technical concern on CIDs 1010, 1012, 1011, 1082, 2128, 2332, 1216, and 1733. No straw poll is taken and these CIDs are ready for motion.
8. Motion #463: Comment Resolution. Move to accept the comment resolution for CIDs 1361, 1362, and 2079 as proposed in 18/0782r2.
   1. Move: Oren Kedem
   2. Second: Claudio da Silva
   3. Result: The motion is passed (23 Yes; 0 No; 0 Abstain).
9. Motion #464: Comment Resolution. Move to accept the comment resolution for CIDs 1874 and 1981 as proposed in 18/0814r0.
   1. Move: Alecsander Eitan
   2. Second: Claudio da Silva
   3. Result: The motion is passed (24 Yes; 0 No; 0 Abstain).
10. Motion #465: Comment Resolution. Move to accept the comment resolution for CID 1637 as proposed in 18/0839r0; and CIDs 1010, 1012, 1011, 1082, 2128, 2332, 1216, and 1733 as proposed in 18/0840r2.
    1. Move: SungJin Park
    2. Second: Sang Kim
    3. Result: The motion is passed (26 Yes; 0 No; 0 Abstain).
11. Chair reviewed the goals for the July 2018 plenary meeting (slide 107). He also emphasized that comment resolution submission is of higher priority. Given there are 7 planned teleconference calls prior to the plenary and Editor reports that there are approximately 198 CIDs that are yet to be resolved, Chair would request eight sessions in the plenary meeting.
12. Chair proceeded to discuss and confirm on the schedule for the conference calls till the beginning of the July 2018 plenary meeting (slide 108).
13. Any other business.
    1. Payam Torab (Facebook) moved the following motion.
       1. Motion #466: Draft. Move to include the text proposed in 18/0786r3 in the IEEE 802.11ay draft amendment.
          1. Move: Payam Torab
          2. Second: Lochan Verma
          3. Discussion took place. Cheng Chen (Intel) was requested to address the task group on the changes he has made with respect to 18/0786r2. Chris Hansen (Peraso) commented that the changes are not insignificant and the 4-hour rule shall be applied. Working Group Chair, Dorothy Stanley (HPE), commented that the change is minor when compared with the total contribution of this submission. Chris Hansen asked for Task Group Chair’s ruling. Task Group Chair ruled that the change is minor and the 4-hour rule is not applied.
          4. Result: The motion is passed (22 Yes; 5 No; 7 Abstain).
14. The Task Group AY Warsaw interim meeting was adjourned on May 11, 2018 at 17:45 CEST.