IEEE P802.11  
Wireless LANs

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| Meeting Minutes November 2019 session | | | | |
| Date: 2019-11-11 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Assaf Kasher | Qualcomm |  |  | akasher@qti.qualcomm.com |
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Abstract

This document contains the meeting minutes for TGaz session held during the IEEE 802.11 meeting in Hawaii, 11/10/19-11/15/59

1. **TGaz – Monday, November 11th, 2019 – Slot #1 AM1 (Ad-hoc)**
   1. Called to order by TGaz chair, Jonathan Segev (Intel Corporation) at **08:00AM HT**; Vice Chair Assaf Kasher (Qualcomm), Technical Co-Editor, Chao Chun (MediaTek); Technical Co-Editor, Roy Want (Google Inc.); Secretary, Assaf Kasher (Qualcomm).
   2. Agenda Doc. **IEEE 802.11-19/1713r2 (in progress)**
   3. Review Patent Policy and logistics
      1. Chair reviewed the IEEE-SA Patent Policy, and, and logistics – no clarifications requested.
      2. Chair called for any potentially essential patents, no one stepped forward.
      3. Chair reviewed IEEE 802 WG participation as an individual professional, and anti-trust requirements – no clarification requested.
      4. Chair reminded all to record their attendance
      5. Recorded Participation requirement
         1. Headcount: ~32 present
   4. Review Agenda
      1. Agenda review and setting: reviewed submissions for the week.
      2. Chair called for any additional feedback and changes to agenda.
         1. None given. Agenda approved by unanimous consent.
   5. Erik Lindskog presented 11-19-2003
      1. **Title:** LB240 ISTA passive LMR CR
         1. CID 1510: Revise
      2. Strawpoll: Do agree to the resolution of CID1510 as depicted in 11-19-2003r1?
      3. Results: (Y/N/A): (18/0/01)
   6. Ganesh Venkatesan presented 11-19-1937
      1. **Title:** Resolution to a few LB240 comments (Part 10)
         1. CID 1643: Reject: Withdrawn by the commenter
         2. CID 1649: Reject: Withdrawn by the commenter
         3. CID 1774: Revise: D1.5 contains the required changes
         4. CID 1778: Reject
         5. CID 1780: Revise: Already resolved in D1.5
      2. **Strawpoll**: Agree to the resolutions depicted by document 11-19-1937r1 1643, 1649, 1774, 1778 and 1780
      3. **Results**: **(Y/N/A):** (19/0/0)
2. **TGaz Ad Hoc – Monday Nov 11th, 2019 – SLOT #2**
   1. Called to order by TGaz chair, Jonathan Segev (Intel Corporation) at **4.05pm HST**; Technical Co-Editor: Roy Want (Google Inc.); Acting Secretary: Roy Want (Google Inc.
   2. Agenda Doc. **IEEE 802.11-19/1713r3 (in progress)**
   3. Review Patent Policy and logistics
      1. Chair reviewed the IEEE-SA Patent Policy, and, and logistics – no clarifications requested.
      2. Chair called for any potentially essential patents, no one stepped up.
      3. Chair reviewed IEEE 802 WG participation as an individual professional, and anti-trust requirements – no clarification requested.
      4. Recorded Participation requirement
         1. Headcount: ~14 present
   4. Review Agenda
      1. Agenda review and setting: reviewed submissions for the ad hoc meeting.
      2. Chair called for any additional feedback and changes to agenda.
         1. Agenda agreed – no objections.
   5. Approval of TGaz Ad hoc minutes for Sept 4th-6th, document 11-19**/1490r0**
      1. **Motion 201911-01**

Move to approve document 11-19/1490r0 as TGaz meeting minutes for the Sep. 2019 Ad hoc session.

* + 1. Moved by: Jerome Henry
    2. Seconded by: Roy Want
    3. **Results** (Y/N/A): 12/0/0: **Motion passes**
  1. Approval of TGaz Meeting Minutes for Sept 16th-20th, 2019 (Hanoi) document 11-19**/1599r0**
     1. **Motion 201911-02**

Move to approve document 11-19/1599r0 as TGaz meeting minutes for the Sep. meeting.

* + 1. Moved by: Jerome Henry
    2. Seconded by: Qinghua Li
    3. **Results** (Y/N/A): 14/0/1: **Motion passes**
  1. Approval of TGaz telecon minutes Oct 2nd document 11-19**/1729r0**
     1. **Motion 201911-03**

Move to approve document 11-19/1729r0 as TGaz meeting minutes for the Oct. 2nd telecon.

* + 1. Moved by: Qinghua Li
    2. Seconded by: Jerome Henry
    3. **Results** (Y/N/A): 13/0/1: **Motion passes**
  1. Approval of TGaz Telecom minutes October 16th, for document 11-19**/1771r0**
     1. **Motion 201911-04**

Move to approve document 11-19/1771r0 as TGaz October 16th telecon Minutes.

* + 1. Moved by: Jerome Henry
    2. Seconded by: Qinghua Li
    3. **Results** (Y/N/A): 12/0/1; **Motion passes.**
  1. Approval of TGaz telecom telecon minutes Oct 30th, document 11-19**/1811r0**
     1. **Motion 201911-05**

Move to approve document 11-19/1811r0 as TGaz meeting minutes for the Oct. 30th telecon.

* + 1. Moved by: Qinghua Li
    2. Seconded by: Jerome Henry
    3. **Results** (Y/N/A): 13/0/1; **Motion passes.**
  1. Approval of Comment Resolution presented in document 11-19**/1563r2**
     1. **Motion 201911-06**

Move to adopt the resolutions depicted by document 11-19-1563r2 for CID 1586, 1341, 2483, 1380 and 2312, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.

* + 1. Moved: Feng Jiang
    2. Second: Erik Lindskog
    3. **Results** (Y/N/A): 12/0/1; **Motion passes.**
  1. Approval of Comment Resolution presented in document 11-19**/1686r1**
     1. **Motion 201911-07**

Move to adopt the resolutions depicted by document 11-19-1686r1 for CIDs 1143, 1693, 1698, 1916, 1764, 1781, 1911, 1915, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.

* + 1. Moved: Ganesh Venkatesan
    2. Second: Dibakar Das
    3. **Results** (Y/N/A): 11/0/1; **Motion passes**
  1. Approval of Comment Resolution presented in document 11-19**/1368r4**
     1. **Motion 201911-08:**

Move to adopt the resolutions depicted by document 11-19-1368r4 for CIDs 1432, 1433, 2125, 2126, 2127, 2129 and 2130, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.

* + 1. Moved: Ganesh Venkatesan
    2. Second: Jerome Henry
    3. **Results** (Y/N/A): 10/0/1; **Motion passes**
  1. Approval of Comment Resolution presented in document 11-19**/1733r0**
     1. **Motion 201911-09:**

Move to adopt the resolutions depicted by document 11-19-1733r0 for CIDs 2013, 2115, 2128 and 2426, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.

* + 1. Moved: Ganesh Venkatesan
    2. Second: Dibakar Das
    3. Results (Y/N/A): 11/0/1; **Motion passes.**
  1. Approval of Comment Resolution presented in document 11-19**/1584r3**
     1. **Motion 201911-10**

Move to adopt the resolutions depicted by document 11-19-1584r3 for CIDs 1115, 1710, 2434, 1847, 1124, 1384, 1468, 1333, 1334, 1478, 1479, 2249, 1103 and 2311, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.

* + 1. Moved: Dibakar Das
    2. Second: Jerome Henry
    3. **Results** (Y/N/A): 10/0/2; **Motion passes**
  1. Approval of Comment Resolution presented in document 11-19**/1809r2**
     1. **Motion 201911-11**

Move to adopt the resolutions depicted by document 11-19-1809r2 for CID 1968, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.

* + 1. Moved: Jerome Henry
    2. Second: Dibakar Das
    3. **Results** (Y/N/A): 11/0/1: **Motion passes.**
  1. Approval of Comment Resolution presented in document 11-19**/1723r4**
     1. **Motion 201911-12**

Move to adopt the resolutions depicted by document 11-19-1723r4 for CIDs 2148 and 1090, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.

* + 1. Moved: Jerome Henry
    2. Second: Qinghua Li
    3. **Results** (Y/N/A): 11/0/1; **Motion passes.**
  1. Approval of Comment Resolution presented in document 11-19**/1812r2**
     1. **Motion 201911-13**

Move to adopt the resolutions depicted by document 11-19-1812r1 for CIDs 1155, 1156, 1245, 1246, 1365, 1480, 1772, 1773, 1779, 1809, 1891, 1895, 2132, 2254, 2464, 2465 and 2466, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.

* + 1. Moved: Jerome Henry
    2. Second: Dibakar Das
    3. **Results** (Y/N/A): 10/0/1; **Motion passes.**
  1. Approval of Comment Resolution presented in document 11-19**/1866r2**
     1. **Motion 201911-14**

Move to adopt the resolutions depicted by document 11-19-1866r2 for CIDs 1467, 1475, 2073 and 1729, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.

* + 1. Moved: Dibakar Das
    2. Second: Jerome Henry
    3. **Results** (Y/N/A): 10/0/1; **Motion passes**.
  1. Approval of Comment Resolution presented in document 11-19**/1691r2**
     1. **Motion 201911-15**

Move to adopt the resolutions depicted by document 11-19-1691r2 for CIDs 1002, 1037, 1057, 2212, 1591, 1995 and 2147, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.

* + 1. Moved: Jerome Henry
    2. Second: Christian Berger
    3. **Results** (Y/N/A): 10/0/1; **Motion** **passes**.
  1. Approval of Comment Resolution presented in document 11-19**/1677r1**
     1. **Motion 201911-16**

Move to adopt the resolutions depicted by document 11-19-1677r1 for CIDs 1172, 1298, 1299, 1302, 1319, 1322, 1340, 1371, 1731, 2324, 2353, 2356, 2357, 2359, 2360, 2477, 2502, 2503, 2504, 2510, 2516 and 2518, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.

* + 1. Moved: Ganesh Venkatesan
    2. Second: Qinghua Li
    3. **Results** (Y/N/A): 10/0/0; **Motion** **passes**.
  1. Approval of Comment Resolution presented in document 11-19**/1876r0**
     1. **Motion 201911-17**

Move to adopt the resolutions depicted by document 11-19-1876r0 for CID 2274, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.

* + 1. Moved: Feng Jiang
    2. Second: Qinghua Li
    3. **Results** (Y/N/A): 10/0/1; **Motion** **passes**.
  1. Approval of Comment Resolution presented in document 11-19**/1762r1**
     1. **Motion 201911-18**

Move to adopt the resolutions depicted by document 11-19-1762r1 for CIDs 1639, 1795, 1814, 2013, 2073 and 2128, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.

* + 1. Moved: Ganesh Venkatesan
    2. Second: Dibakar Das
    3. **Results** (Y/N/A): 10/0/1; **Motion** **passes**.
  1. Approval of Comment Resolution presented in document 11-19**/1785r4**
     1. **Motion 201911-19**

Move to adopt the resolutions depicted by document 11-19-1785r4 for CIDs 1454, 1455, 1456, 1450 and 1089, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.

* + 1. Moved: Christian Berger
    2. Second: Qinghua Li
    3. **Results** (Y/N/A): 10/0/1; **Motion** **passes**.
  1. Approval of Comment Resolution presented in document 11-19**/1043r11**
     1. **Motion 201911-20**

Move to adopt the resolutions depicted by document 11-19-1043r11 for CIDs 1515, 1563 and 1557, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.

* + 1. Moved: Eric Lindskog
    2. Second: Qinghua Li
    3. **Results** (Y/N/A): 10/0/1; **Motion** **passes**.
  1. Approval of Comment Resolution presented in document 11-19**/1953r1**
     1. **Motion 201911-21**

Move to adopt the resolutions depicted by document 11-19-1953r1 for CIDs 1144, 1145, 1858, 1859, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.

* + 1. Moved: Jerome Henry
    2. Second: Dibakar Das
    3. **Results** (Y/N/A): 10/0/1; **Motion** **passes**.
  1. Approval of Comment Resolution presented in document 11-19**/1880r1**
     1. **Motion 201911-22**

Move to adopt the resolutions depicted by document 11-19-1880r1 for CIDs 1688, 1689, 1718, 2406, 1719, 1857, 2034, 2038, 2077, 2078, 2079, 2081, 2088, 2441, 2409, 2442, 2489, 2019, 2490, 2492, 2493, 2497, 2498, 1398, 2325, 2412 and 2427, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.

* + 1. Moved: Dibakar Das
    2. Second: Genesh Venkatesan
    3. **Results** (Y/N/A): 10/0/0; **Motion** **passes**
  1. Approval of Comment Resolution presented in document 11-19**/2003r1**
     1. **Motion 201911-23**

Move to adopt the resolutions depicted by document 11-19-2003r1 for CID 1510, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.

* + 1. Moved: Jerome Henry
    2. Second: Erik Lindskog
    3. **Results** (Y/N/A): 10/0/1; **Motion** **passes**
  1. Approval of Comment Resolution presented in document 11-19**/1937r1**
     1. **Motion 201911-24**

Move to adopt the resolutions depicted by document 11-19-1937r1 for CIDs 1643, 1649, 1774, 1778 and 1780, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.

* + 1. Moved: Ganesh Venkatesan
    2. Second: Christian Berger
    3. **Results** (Y/N/A): 11/0/1; **Motion** **passes**.
  1. Roy Want (Google) presented document 11-19/**2009r0**
     1. **Title**: Resolution for 50 editorial CIDs
     2. **Summary**: These CIDs are marked editorial or in some cases misclassified as Technical or General. Many have been resolved as a result of our on-going adoption of new resolution text, many are also a simple accept. All of these resolutions (and any remaining in D1.5) will be implemented by D2.0.
     3. C. Posted today at ~2.30pm – we will vote in 2 days (Wed).
  2. Feng Jiang (Intel) presented document 11-19/**2008r0**
     1. **Title:** CR for CID 1921 in LB240
     2. **Summary:** Resolution of CID(s): 1921
     3. **Motion 201911-25**
     4. Move to adopt the resolutions depicted by document 11-19-2008r0 for CID 1921, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
     5. Moved: Feng Jiang
     6. Second: Jerome Henry
     7. **Results** (Y/N/A): 14/0/0; **Motion** **passes**
  3. Yongho Seok (MediaTek) presented document 11-19/**1958r1**
     1. **Title:** LB 240 CR MAC Miscellaneous
     2. **Summary:** This submission proposes resolutions of comments received from TGaz LB240. (The proposed change is based on TGaz Draft 1.5.) CIDs: 1015, 2025, 1188, 1454, 2259 (5 CIDs)
     3. **Motion 201911-26**

Move to adopt the resolutions depicted by document 11-19-1958r1 for CIDs 1015, 2025, 1188, 1454, 2259, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.

* + 1. Moved: Yongho Seok
    2. Second: Qinghua Li
    3. **Results** (Y/N/A): 13/0/0; **Motion** **passes**
    4. **Agenda review:** No other presentations ready for the 20min remaining.
    5. **At recess 5.40pm, Day #1 PM2**

1. **TGaz – Tuesday, November 12th, 2019 – Slot #3 PM1** 
   1. Called to order by TGaz chair, Jonathan Segev (Intel Corporation) at **13:30AM HT**; Vice Chair Assaf Kasher (Qualcomm), Technical Co-Editor, Chao Chun (MediaTek); Technical Co-Editor, Roy Want (Google Inc.); Secretary, Assaf Kasher (Qualcomm).
   2. Agenda Doc. **IEEE 802.11-19/1713r5 (in progress)**
   3. Review Patent Policy and logistics
      1. Chair reviewed the IEEE-SA Patent Policy, and, and logistics – no clarifications requested.
      2. Chair called for any potentially essential patents, no one stepped forward.
      3. Chair reviewed IEEE 802 WG participation as an individual professional, and anti-trust requirements – no clarification requested.
      4. Chair reminded all to record their attendance
      5. Recorded Participation requirement

Headcount: ~30 present

* 1. Christian Berger presented 11-19-1951
     1. **Title**: Non-tb-pathlosss-measuments
        1. CID 2301: revise
        2. CID 1331: Reject
        3. Q. How is this avoided in passive ranging
        4. R: This applies to non-TB, in TB there is no frame that carries this field
        5. Q: What does “except in 9-1006” mean
        6. R: Not sure, the text was already in the draft, it was just moved.
        7. Q: EVM is indicated a power level – is that optimal
        8. R: the receiver does not know the relation between EVM and TXPOWER. Can request only one.
     2. **Strawpoll:** do you support the resolutions depicted by 11-19-1951r1 for CIDs 2301 and 1331
     3. **Results:** (Y/N/A) (25/7/3)
     4. **Motion 201911-27:**Move to adopt the resolutions depicted by document 11-19-1951r1 for CIDs 2301, 1331, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
     5. **Moved:** Jerome Henry
     6. **Second:** Niranjan Grandhe
     7. **Results:** (Y/N/A) (18/10/2) motion fails
  2. Assaf Kasher presented 11-19-1674r1
     1. Title:  LB240 Resolution of CID1295
        1. Discussion: Resolution of CID 2124, 1059
        2. C. Title needs updating re: 1295 to 1059
        3. C. Uploading 1674 as r2
     2. **Motion 201911-28:**Move to adopt the resolutions depicted by document 11-19-1674r2 for CIDs 1059, 2124 instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
     3. **Moved**: Assaf Kasher
     4. **Second**: Alecsander Eitan
     5. **Results (Y/N/A)**: 14/0/4: Motion passes
  3. Jerome Henry presented 11-19-2033
     1. **Title**: Resolution of lb240 cids 1942 1993 and 1999
        1. CID 1942: Revise – was already resolved by the resolution of 1455 in 11-19-1785
        2. CID 1999: Revise -
        3. CID 1993: Revise – disucssio about text - editorial.
     2. **Motion 201911-29**:  
        Move to adopt the resolutions depicted by document 11-19-2033r1 for CIDs 1942, 1993, and 1999 instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
     3. **Moved** by: Jerome Henry
     4. **Second** by: Assaf Kasher
     5. **Results (Y/N/A):** (12/0/1)
  4. Erik Lindskog presented 11-19-2050:
     1. **Title: Passive TB Ranging LMR reporting CR**
        1. CID 2341: Reject
        2. CID 2343: Reject
     2. **Motion:** 201911-30:  
        Move to adopt the resolutions depicted by document 11-19-2050r0 for CIDs 2341 and 2343 instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
     3. **Moved:** Qinghua Li
     4. **Second:** Roy Want
     5. **Results (Y/N/A):** (14/0/0)
  5. Short Discusstion on status of comment resolution: ~70 unresolved.
  6. Qi Wang Presented 11-19-2010r2
     1. **Title:** Proposed resolution to several LB240 CIDs
        1. CID 1011: Revise, already resolved in D1.5
        2. CID 1022: Revise, already resolved in D1.5
        3. CID 1026: Revise, already resolved in D1.5
        4. CID 1054: Revise, already resolved in D1.5
        5. CID 1157: Revise

1. **TGaz – Tuesday, November 12th, 2019 – Slot #4 PM2** 
   1. Called to order by TGaz chair, Jonathan Segev (Intel Corporation) at **16:00AM HT**; Vice Chair Assaf Kasher (Qualcomm), Technical Co-Editor, Chao Chun (MediaTek); Technical Co-Editor, Roy Want (Google Inc.); Secretary, Assaf Kasher (Qualcomm).
   2. Agenda Doc. **IEEE 802.11-19/1713r6 (in progress)**
   3. Review Patent Policy and logistics
      1. Chair reviewed the IEEE-SA Patent Policy, and, and logistics – no clarifications requested.
      2. Chair called for any potentially essential patents, no one stepped forward.
      3. Chair reviewed IEEE 802 WG participation as an individual professional, and anti-trust requirements – no clarification requested.
      4. Chair reminded all to record their attendance
      5. Recorded Participation requirement

Headcount: ~15 present

* 1. Agenda Setting
     1. Presentation order for this slot agreed
  2. Qi Wang continued presentation of 11-19-2010
     + 1. CID 1817: Revise
       2. CID 1818: Accept
       3. CID 1820: Revise, already resolve in D1.5
       4. CID 1822: Reject – withdrawn
       5. CID 1824: Revise – not text changes required
       6. CID 2290: Reject – withdrawn
       7. CID 2291: Removed from the document
       8. CID 2293 Reject – withdrawn
       9. CID 2294 Reject – withdrawn
       10. CID 2305 Reject – withdrawn
       11. CID 2306 Reject – withdrawn
       12. CID 2307 Revised
       13. CID 2321: Revised – as in the document
       14. CID 2301 Reject
       15. CID 1331 Reject
     1. **Motion**: **01909-31**:  
        Move to adopt the resolutions depicted by document 11-19-2010r3 for CIDs 1011, 1022, 1026, 1052, 1054, 1057, 1817, 1818, 1820, 1822, 1824, 2290, 2293, 2294, 2305, 2306, 2307, 2321, 2301 and 1331, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
     2. **Moved**: Ali Raissinia
     3. **Second**: Roy Want
     4. Results:(Y/N/A): (10/0/0)
  3. Dana Ciochina: Presented 11-19-1717
     1. **Title**: Strongest Tap FTM for PDMG\_PEDMG
     2. **Strawpoll**: Is there interest indevelopmten of an optiona PEDMG mode wher the request and report include a TOaA measument on strongest tap on the first tap
     3. **Results** 8/6//1
  4. Dibakar Das presented 11-19-1991
     1. **Title**: Misc unassigned comments part 2
        1. CID 1109: Reject
        2. CID 2429: Reject
        3. CID 1651: Reject – withdrawn
        4. ICD 1466: Reject – withdrawn
        5. CID 2397: Revised
        6. CID 2399: Reject
        7. CID 2408: Revise - after discussion the table was modified to have some other rows changed to “yes”
     2. **Motion** Motion 201909-32:  
        Move to adopt the resolutions depicted by document 11-19-1991r2 for CIDs 1109, 2429, 2397, 2399, 2408, 1466 and 1651, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license
     3. **Moved**: Ganesh Venkatesan
     4. **Second**: Dibakar Das
     5. **Results (Y/N/A)**: (7/0/1)

1. **TGaz – Wednesday, November 13th, 2019 – Slot #5 PM2** 
   1. Called to order by TGaz chair, Jonathan Segev (Intel Corporation) at **16:00 HT**; Vice Chair Assaf Kasher (Qualcomm), Technical Co-Editor, Chao Chun (MediaTek); Technical Co-Editor, Roy Want (Google Inc.); Secretary, Assaf Kasher (Qualcomm).
   2. Agenda Doc. **IEEE 802.11-19/1713r7 (in progress)**
   3. Review Patent Policy and logistics
      1. Chair reviewed the IEEE-SA Patent Policy, and, and logistics – no clarifications requested.
      2. Chair called for any potentially essential patents, no one stepped forward.
      3. Chair reviewed IEEE 802 WG participation as an individual professional, and anti-trust requirements – no clarification requested.
      4. Chair reminded all to record their attendance
      5. Recorded Participation requirement

Headcount: ~12 present

* 1. Agenda Setting
     1. Presentation order for this slot agreed
  2. Roy Want Presented 11-19-2009
     1. **Title**: Resolution for 50 editorial CIDs
     2. **Motion** **201911-33**:  
        Move to adopt the resolutions depicted by document 11-19-2009r1 for CIDs 1505, 1506, 1507, 1614, 1701, 1703, 1724, 1757, 1870, 1876, 1897, 1904, 1912, 1928, 1929, 1931, 1932, 1937, 1979, 1987, 1992, 2141, 2216, 2361, 2366, 2369, 2392, 2432, 2496, 2225, 2226 and 1291, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
     3. **Moved**: Roy want
     4. **Second**: Jerome Henry
     5. **Results** (Y/N/A) (14/0/0)
     6. **Motion** **201911**-**34**:  
        Move to adopt the resolutions depicted by document 11-19-2009r1 for CIDs 1005, 1039, 1042, 1077, 1110, 1128, 1134, 1137, 1140, 1179, 1180, 1183, 1200, 1264, 1292, 1294, 1301, 1320, 1361, 1364 and 1502, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
     7. **Moved**: Jerome Henry
     8. **Second**: Roy Want
     9. **Results** (Y/N/A): (14/0/0)
  3. Qi Wang Presented 11-19-2061
     1. Title: propsed resolution for 11az lb240 cid 2291
     2. CID 2291: Revised – already resolved by the text in D1.5
     3. **Motion** **201911-35**:  
        Move to adopt the resolutions depicted by document 11-19-2061r2 for CID 2291, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
     4. **Moved**: Qi Wang
     5. **Second**: Assaf Kasher
     6. **Results**: (Y/N/A) (11/1/0)
  4. Assaf Kasher Presented 11-19-1875r1
     1. Title: First Path tap measurement CIDs
     2. Summary: This document proposes resolution to CIDs 1427, 2349, 1425 (The text changes are based on D1.5)
     3. Discussion:
        1. C. Edits during session will be uploaded as 1875r2
     4. **Motion** **201911-36**:  
        Move to adopt the resolutions depicted by document 11-19-1875r2 for CIDs 1427, 2349 and 1425, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
     5. **Moved**: Assaf Kasher
     6. **Second**: Jerome Henry
     7. **Results (Y/N/A)**: 11/0/2, Motion passes
  5. Erik Lindskog Presented 11-19-2013
     1. **Title**: LB240 various CID resolutions
        1. CID 1514: Revised: resoled by 11-19-1621
        2. CID 1512: Reject – withdrawn
        3. CID 1541: Reject – withdrawn
        4. CID 1546; Rejctt – withdrawn
        5. CID 1513: Reject withdrawn
        6. CID 1521: reject – withdrawn
        7. CID 1522: reject – withdrawn
        8. XID 1526: reject – withdrawn
        9. CID 1527: reject – withdrawn
        10. CID 1529: Revised – text in D1.5 resolves the issue
        11. CID 1579: Revised – text in D1.5 resolves the issue
        12. CID 1517: Reject – commenter (Erik Lindskog) withdrew the comment
        13. CID 1569: Revise
        14. CID 1570: Reject
        15. CID 1511: Reject – withdrawn by the commenter
        16. CID 1571: Reject – withdrawn by the commenter
     2. **Motion** **201911-37**:  
        Move to adopt the resolutions depicted by document 11-19-2013r1 for CIDs 1514, 1512, 1541, 1546, 1513, 1521, 1522, 1526, 1527, 1529, 1579, 1517, 1569, 1570, 1511 and 1571, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial licenseMoved: Erik Lindskog
     3. **Second**: Roy Want
     4. **Results (Y/N/A):** (11/0/0)
  6. Erik Lindskog presented 11-19-2035
     1. Title informative text for pasive location ranging
        1. CID 1578: Revised – there are 2 different type of messages one for TB and for passive and the discussion in the grouop is to unify them at a later stage.
        2. CID 1575: Revised
        3. CID 1576: Revised
        4. CID 2287: Reject

1. **TGaz – Thursday, November 14th, 2019 – Slot #6 AM1** 
   1. Called to order by TGaz chair, Jonathan Segev (Intel Corporation) at **08:00AM HT**; Vice Chair Assaf Kasher (Qualcomm), Technical Co-Editor, Chao Chun (MediaTek); Technical Co-Editor, Roy Want (Google Inc.); Secretary, Assaf Kasher (Qualcomm).
   2. Agenda Doc. **IEEE 802.11-19/1713r8 (in progress)**
   3. Review Patent Policy and logistics
      1. Chair reviewed the IEEE-SA Patent Policy, and, and logistics – no clarifications requested.
      2. Chair called for any potentially essential patents, no one stepped forward.
      3. Chair reviewed IEEE 802 WG participation as an individual professional, and anti-trust requirements – no clarification requested.
      4. Chair reminded all to record their attendance
      5. Recorded Participation requirement

Headcount: ~7 present

* 1. Agenda Setting
     1. Presentation order for this slot agreed
  2. Erik Lindskog continued presentation 11-19-2035
     + 1. CID 1557: Revised, discussion about removing text which already exists in annex P and other text refinement.
       2. CID 2218: Revised
       3. CID 2212: Revised: Discussion and text changes to reflect new frame names
       4. CID 2213: Revised:
       5. CID 2340: Revised:
     1. **Motion: 2019-11-38**  
        Move to adopt the resolutions depicted by document 11-19-0035r12 for CIDs 1578, 1575, 1576, 2287, 1577, 2218, 2212, 2213, and 2340, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license
     2. **Moved**: Assaf Kasher
     3. **Second**: Erik Lindskog
     4. **Results (Y/N/A)**: (10/0/0)
     5. **Motion** **201911-39**   
        Move to adopt text changes to P802.11az D1.5 identified by document 11-19-0035r12, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license
     6. **Moved**: Assaf Kasher
     7. **Second**: Erik Lindskog
     8. **Results (Y/N/A)**: (9/0/0)
  3. Chair reviewed 11-19-2081
     1. **Title:** TGaz LB240 Comment Resolution leftover
        1. CID 1012: Revised
        2. CID 1157: was resolved in 2010, mistkanly not motioned. In the resolution proposal – pointed to this document.
        3. CID 1525: Revised.
        4. CID 1573: commenter (Erik Lindskog) withdrew the comment.
        5. CID 1978:
        6. CID 2315: Reject
     2. **Motion: 201911-40**  
        Move to adopt the resolutions depicted by document 11-19-2081r1 for CIDs 1012, 1157, 1525, 1573, 1978 and 2315, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license
     3. **Moved**: Ganesh Venkatesa
     4. **Second**: Roy Want
     5. **Results: (Y/N/A)**: (10/0/0) motion passes
  4. Chair recessed at 10:00AM HT

1. **TGaz – Thursday, November 14th, 2019 – Slot #6 PM1** 
   1. Called to order by TGaz chair, Jonathan Segev (Intel Corporation) at **13:30 HT**; Vice Chair Assaf Kasher (Qualcomm), Technical Co-Editor, Chao Chun (MediaTek); Technical Co-Editor, Roy Want (Google Inc.); Secretary, Assaf Kasher (Qualcomm).
   2. Agenda Doc. **IEEE 802.11-19/1713r9 (in progress)**
   3. Review Patent Policy and logistics
      1. Chair reviewed the IEEE-SA Patent Policy, and, and logistics – no clarifications requested.
      2. Chair called for any potentially essential patents, no one stepped forward.
      3. Chair reviewed IEEE 802 WG participation as an individual professional, and anti-trust requirements – no clarification requested.
      4. Chair reminded all to record their attendance
      5. Recorded Participation requirement

Headcount: ~11 present

* 1. Agenda Setting
     1. Presentation order for this slot agreed
  2. Ganesh Venkatesan 11-19-1902r2
     1. Title: refinement to the resolution to CID 1918
     2. **Motion** 201911-41   
        Move to adopt the resolutions depicted by document 11-19-1902r3 for CID 1918, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license
     3. **Moved**: Ganesh Venkatesan
     4. **Second**: Qinghua Li
     5. **Results**: (Y/N/A) (11/0/0)
  3. **Motion to goto recirculation letter ballot:**
     1. **Motion 201911**-42  
        Having approved comment esolutions for all of the comnets received for LB240 on P802.11az D1.0 as contained in document 11-19-1431r12 and 11-19-1713r10  
        Instruct the editor to prepare Draft 2.0 incoreporating these resolutions and, Approve a 15 day Working Group Recirculations Ballot asking the question “Should TGaz D2.0 be forwarded to Sponsor Ballot”
     2. **Moved**: Christian Berger
     3. **Second**: Roy Want
     4. **Results** (Y/N/A) (12/0/0) Motion Passes
  4. January Meeting goals
     1. **Motion 201911-43**:  
        We commit to the TGaz Meeing goals depicted in slide 97 of submission 11-1913r10
     2. **Moved**: Qinghua Li
     3. **Second**: Ganesh Venkatesan
     4. **Results** (12/0/0)
  5. TGaz Time Lines
     1. **Motion** **201911-44**  
        We commit to the TGaz timeline are dpecited in slide 101 of submission 11-19-1713r10
     2. **Moved**: Qinghua Li
     3. **Second**: Rethna Palikkoonattu
     4. **Results (Y/N/A): (11/0/0)**
  6. Rethna Palikkoonattu presented 11-19-1572
     1. Title: Secure-LTF: Unintentional Beamforming Problem and A Solution Proposal and a solution proposal
     2. **Strawpoll**: Do you agree that the present 802.11az secure raning LTF design, leads to uninteneded beamforming problem, which needs to be addreseed.
     3. **Results: (Y/N/A) (7/6/2)**
  7. Qinghua Li presented 2032r4
     1. Title: On Unintentional Beamforming

1. **TGaz – Thursday, November 14th, 2019 – Slot #6 PM1** 
   1. Called to order by TGaz chair, Jonathan Segev (Intel Corporation) at **16:00 HT**; Vice Chair Assaf Kasher (Qualcomm), Technical Co-Editor, Chao Chun (MediaTek); Technical Co-Editor, Roy Want (Google Inc.); Secretary, Assaf Kasher (Qualcomm).
   2. Agenda Doc. **IEEE 802.11-19/1713r11 (in progress)**
   3. Review Patent Policy and logistics
      1. Chair reviewed the IEEE-SA Patent Policy, and, and logistics – no clarifications requested.
      2. Chair called for any potentially essential patents, no one stepped forward.
      3. Chair reviewed IEEE 802 WG participation as an individual professional, and anti-trust requirements – no clarification requested.
      4. Chair reminded all to record their attendance
      5. Recorded Participation requirement

Headcount: ~11 present

* 1. Christian Berger Presented: 11-19-1051
     1. **Title**: NDP Power Control for EVM
     2. Some discussion
  2. Chair Adjourned at 16:32

**References:**