IEEE P802.11  
Wireless LANs

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| Meeting Minute July 2019 session | | | | |
| Date: 2019-09-16 | | | | |
| 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 Hanoi, 9/16/19-9/19/59

1. **TGaz – Monday, September 16th, 2019 – Slot #1 AM2**
   1. Called to order by TGaz chair, Jonathan Segev (Intel Corporation) at **13:30am VT**; 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 802.11-19/1360r3 (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: ~16 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. Motions to ratify the session and telecon minutes.  
      1. **Motion** 201909-01:  
         Move to approve document 11-19/1273r0 as TGaz meeting minutes for the July 2019 session.
         1. Moved by: Assaf Kasher
         2. Seconded by: Ganesh Venkatesan
         3. **Results** (Y/N/A): (14/0/0) motion passes
      2. **Motion** 201909-02:  
         Move to approve document 11-19/1403r0 as TGaz meeting minutes for the July 31st teleocn.
         1. Moved by: Assaf Kasher
         2. Seconded by: Ganesh Venkatesan
         3. **Results** (Y/N/A): (14/0/0) motion passes
      3. **Motion** 201909-03:  
         Move to approve document 11-19/1410r1 as TGaz meeting minutes for the Aug. 7th teleocn.
         1. Moved by: Assaf Kasher
         2. Seconded by: Dibakar Das
         3. Results (Y/N/A): approved unanimously
      4. **Motion** 201909-04:  
         Move to approve document 11-19/1439r0 as TGaz meeting minutes for the Aug. 14th teleocn. .
         1. Moved by: Assaf Kasher
         2. Seconded by: Ganesh Venkatesan
         3. **Results** (Y/N/A): approved unanimously
      5. **Motion** 201909-05:  
         Move to approve document 11-19/1463r0 as TGaz meeting minutes for the Aug. 21st teleocn.
         1. Moved by: Assaf Kasher
         2. Seconded by: Ganesh Venkatesan
         3. **Results** (Y/N/A): approved unanimously
      6. **Motion** 201909-06:  
         Move to approve document 11-19/1464r0 as TGaz meeting minutes for the Aug. 28th teleocn.
         1. Moved by: Ganesh Venkatesna
         2. Seconded by: Dibakar Das
         3. **Results** (Y/N/A): approved unanimously
      7. **Motion**   
         Move to approve document 11-19/1490r0 as TGaz meeting minutes for the Sep. Ad hoc meeting.
         1. **To be considered in the November meeting**
         2. Moved by:
         3. Seconded by:

**Results** (Y/N/A):

* 1. Motions to approve document which were presented in telecons and in the ad-hoc meeting.
     1. **Motion** 201909-07  
        Move to adopt the resolutions depicted by epicted by document 11-19-662r2 for CIDs 1100, 1102, 1113, 1192, 1194, 1329, 1330, 1389, 1500, 1531, 1532, 1608, 1610, 1704, 1705, 1706, 1732, 1767, 1768, 1769, 1770, 1771, 1785, 1917, 2282, 2416, 2418 and 2419, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
        1. Moved by: Assaf Kasher
        2. Seconded by: Dibakar Das
        3. **Results** (Y/N/A) : 14/0/0 motion passes
     2. **Motion** 201909-08  
        Move to adopt the resolutions depicted by document 11-19-1436r1 for CIDs 1693, 1766 and 1777, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
        1. Moved by: Ganesh Venkatesan
        2. Seconded by: Assaf Kasher
        3. **Results** (Y/N/A): (14/0/0) motion passes
     3. **Motion** 201909-9  
        Move to adopt the resolutions depicted by document 11-19-1438r1 for CIDs 1369, 1584, 1587, 1656 and 1337, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
        1. Moved by: Assaf Kasher
        2. Seconded by: Ganesh Venkatesan
        3. **Results** (Y/N/A): (13/0/0) motion passes
     4. **Motion** 201909-10  
        Move to adopt the resolutions depicted by document 11-19-1422r2  for CIDs 1270, 2344, 1083, 1079, 2021, 2011, 1861, 2380, 1280, 1239, 1080, 1240, 1432, 2379, 1434, 1437, 1435, 2352 and 2351, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
        1. Moved by: Assaf Kasher
        2. Second by: Dibakar Das
        3. **Results** (Y/N/A): (12/0/0) motion passes
     5. **Motion** 201909-11  
        Move to adopt the resolutions depicted by document 11-19-1455r2 for CIDs 1118, 1129 and 1324, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
        1. Moved By: Ganesh Venkatesan
        2. Seconded By: Assaf Kasher
        3. **Results** (Y/N/A): (8/0/0) motion passes
     6. **Motion** 201909-12  
        Move to adopt the resolutions depicted by document 11-19-1504r0 for CIDs 1058, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
        1. Moved By: Assaf Kasher
        2. Seconded By: Dibakar Das
        3. **Results** (Y/N/A) (8/0/0) Motion Passes
     7. **Motion** 201909-13  
        Move to adopt the resolutions depicted by document 11-19-1466r1 for CIDs 1789, 1790, 1958, 1966, 1967, 1969 and 1974, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
        1. Moved By: Ganesh Venkatesan
        2. Seconded By: Assaf Kasher
        3. **Results** (Y/N/A): (11/0/0) Motion Passes
     8. **Motion** 201909-14  
        Move to adopt the resolutions depicted by document 11-19-1454r1 for CIDs 1104, 1366, 2310, 2281, 2303, 1560, 1545, 1536, 1537, 1538, 1539, 1540, 2156, 2204, 2256 and 1984, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
        1. Moved by: Dibakar Das
        2. Secoded by: Ganesh Venkatesan
        3. **Results** (Y/N/A) (11/0/0) Motion Passes
     9. **Motion** 201909-15  
        Move to adopt the resolutions depicted by document 11-19-1460r1 for CIDs 2145 and 2146, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
        1. Moved by: Assaf Kasher
        2. Seconded By: Dibakar Das
        3. **Results** (Y/N/A): (11/0/0) Motion Passes
     10. **Motion** 201909-16  
         Move to adopt the resolutions depicted by document 11-19-1461r3 for CIDs 1123, 1125,1127, 1386, 1462, 1468, 1709, 2437, 1581, 1658 and 1711, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
         1. Moved By: Dibakar Das
         2. Seconded By: Ganesh Venkatesan
         3. **Results (Y/N/A)** (9/0/0) Motion Passes
     11. **Motion** 201909-17  
         Move to adopt the resolutions depicted by document 11-19-1402r2 for CIDs 1853, 1918, 1447, 1107 and 2016, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
         1. Moved By: Ganesh Venkatesan
         2. Seconded By: Ali Raissinia
         3. **Results** (Y/N/A) (11/0/0) Motion Passes
     12. **Motion** 201909-18  
         Move to adopt text changes in doc 11-19-1402r2 under clause identified by “D1402-02 discussion” to resolve inconsistencies and fixes to example key derivations, instruct the technical editor to incorporate it in the 802.11az draft amendment text and empower the editor to perform editorial changes.
         1. Moved By: Girish Madpuwar
         2. Seconded By: Assaf Kahser
         3. **Results** (Y/N/A) (9/0/0) Motion Passes
     13. **Motion** 201909-19  
         Move to adopt text changes identified in doc 11-19-1483r2, instruct the technical editor to incorporate it in the 802.11az draft amendment text and empower the editor to perform editorial changes.
         1. Moved By: Ganesh Venkatesan
         2. Seconded By: Girish Madpuwar
         3. **Results** (Y/N/A): (9/0/1) Motion Passes
     14. **Motion** 201909-20  
         Move to adopt the resolutions depicted by document 11-19-1479r2 for CIDs 1922, 1055, 2274, 1339, 2363, 1700, 2501 and 2500, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
         1. Moved By: Assaf Kasher
         2. Seconded By: Ganesh Venkatesan
         3. **Results** (Y/N/A) (8/0/1) Motion Passes
     15. **Motion** 201909-21  
         Move to adopt the resolutions depicted by document 11-19-1438r3 for CIDs 2499, 2435, and 2436, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
         1. Moved By: Ganesh Venkatesan
         2. Seconded By: Girish Madpuwar
         3. **Results** (Y/N/A) (7/0/0) Motion Passes
     16. **Motion** 201909-22  
         Move to adopt the resolutions depicted by document 11-19-1062r7 for CID 1516, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
         1. Moved By: Erik Lindskog
         2. Seconded By: Ali Raissinia
         3. **Results** (Y/N/A) (10/0/0) Motion Passes
     17. **Motion** 201909-23  
         Move to adopt the resolutions depicted by document 11-19-579r3 for CIDs 2390, 2373, 1306 and 1051, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
         1. . Moved By: Assaf Kasher
         2. Seconded By: Alecs Eitan
         3. **Results** (Y/N/A) (10/0/0) Motion Passes
  2. Qi Wang Presented 11-19-1491r0
     1. **Title**: Text clarification for IST2RSTA LMR feeback policy bit
     2. **Discussion**:
     3. C: was the text ported to D1.4?
     4. R: Yes
     5. C: This type of text is operative and should be in clause 11
     6. R: The response in 11.22.6.2 does not cover it fully. The text does not say that RSTA sets the bit to 0.
     7. Discussion to be contined in the next session.
  3. Recess at 12:30

1. **TGaz – Monday, September 16th, 2019 – Slot #2 PM2**
   1. Called to order by TGaz chair, Jonathan Segev (Intel Corporation) at **16:03am VT**; 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 802.11-19/1360r4(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: ~14 present

* 1. Agenda Setting
     + 1. Agenda Approved
  2. Qi Want continued presentation of 11-19-1491
     1. Respose: after offline discussion it is agreed that no additional defintion is needed.
     2. **Motion** 201909-24:   
        Move to adopt text changes in doc 11-19-1491, instruct the technical editor incorporate it in the 802.11az draft amendment text and empower the editor to perform editorial changes.
     3. Moved: Qi Wang
     4. Second: Assaf Kasher
     5. Results (Y/N/A) (8/0/0)
  3. Erik Linkskog presented 11-19-1043/11-19-455r4
     1. **Title**: Phase shift based toa reporting I passive location ranging.
     2. Strawpoll: Do you support enabling phase shift feedback for passive location ranging:
     3. Results (Y/N/A) (3/4/8)
  4. Assaf Kasher Presented 11-19-1507
     1. Title: Clause-11-22-6-4-9-CIDs
     2. Discussion:
        1. CID 2384: Reject. Contribution that the commenter promised has not materialized.
        2. CID 1283: Revise as in 11-19-1507r2. Some editorial comments on how the bullets are referred to in other bullets.
        3. CID 1213: Revise. How an implementation supports Ranging Priority (e.g. prioritized over Data) is deemed implementation specific.
        4. CID 1284: Revise
        5. CID 2472: Revise
        6. CID 1285: Revise. State normatively that Time of Arrival is estimated based on the Secure TRN subfield.
        7. CID 2099: comment from the Comment Collection (#28) -- fixed in D1.3
        8. CID 2100: Comment from Comment Collection (#28) -- accept
        9. CID 2372: Revise
        10. CID 2095: Revise
        11. CID 1078: Reject
        12. CID 1431: Reject with the resolution that LMRs are not used for PDMG/PEDMG
        13. CID 1231: Accept (editorial)
        14. CID 1084: Revise. Add a new entry NGP4 to the PICs table
        15. CID 1085, 1098: Revise.
        16. CID 1939: Revise
        17. CID 1964: Revise (incorporated in D1.3)
        18. CID 1947:
        19. CID 1994: Revise
        20. CID 1995: Revise
        21. CID 2035: Revise
        22. CID 2062: Fixed in D1.3 but there are editorial issues with where the caption is.
        23. CID 2092: Revise. Agree with the commenter in principle. D1.4 removed the use of the term "FTM Ranging".
        24. CID 2107: Reject
        25. CID 2147: I2R, ISTA2RSTA usage -- harmonize for all ranging, should we harmonize between usage for LMR versus subfield? OPEN
        26. CID 1981, 2023: Reject (baseline uses NDP PPDU)
        27. CID 2378, 2439: Revise. fixed by 11-19-646
        28. CID 2215: Revise (fixed in D1.3)
        29. CID 1944: Revise. Fixed in D1.3
        30. CID 1429: Revise
        31. CID 1108: Reject
        32. CID 1379, 1073: Accept
        33. CID 1421: Revise (fixed in D1.4)
        34. CID 1119: Revise
     3. **Motion** 201909-25:  
        Move to adopt the resolutions depicted by document 11-19-1507r2 for CIDs 2384, 1283, 1213, 1284, 2472, 1285, 2099, 2100, 2372, 2095, 1078, 1431, 1231, 1084, 1085, 1098, 1939, 1954, 1947, 1951, 1994, 1955, 2035, 2052, 2066, 2092, 2107, 1981, 2023, 2378, 2439, 2215, 1944, 1429, 1108, 1379, 1073, 1421 and 1199, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
        1. Moved: Assaf Kasher
        2. Second: Alecsander Eitan
        3. Results (Y/N/A): 10/0/0
  5. Assaf Kasher Presented 11-19-1537
     1. **Title:** LB240-resolution-to-CID1295
     2. **Discussion**:
        1. CID 1059: Discussion: DMG covers EDMG so PDMG should cover PEDMG so DMG/EMDG should be changed to DMG and PDMG/PEDMG shall be changed ot PDMG
        2. To be continues in the next session
  6. Recessed at 17:59

1. **TGaz – Tuesday, September 17th, 2019 – Slot #3 PM1**
   1. Called to order by TGaz chair, Jonathan Segev (Intel Corporation) at **13:30am VT**; 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 802.11-19/1360r4(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: ~9 present

* 1. Agenda Doc. **IEEE 802.11-19/1360r6 (in progress)**
     1. Agenda approved
  2. Assaf Kasher Continued review of 11-19-1537
     1. **Motion** 201909-26:  
        Move to adopt the resolutions depicted by document 11-19-1537r1 for CIDs 1295, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
     2. Moved: Assaf Kasher
     3. Second: Ganesh Venkatesan
     4. Results (Y/N/A): 9/0/0 Motion passes.
  3. Ganesh Venkatesan presented 1559r0
     1. **Title:** Resolution to a set of LB240 CIDS (part-5)
     2. Discussion:
        1. CID 1801: Revise – capabilities exchange description moved before the behaviour they enable
        2. CID 1611: Reject
        3. CID 1612: Reject
        4. CID 1664 CID2355, CID2513: Revise Already resolved by document 11-19-1445
        5. CID 1807, 1809: Revise
        6. CID 1856: Revise
        7. CID 1862: Accept resolved by 11-19-1483
        8. CID 1909 : Revice
        9. CID 1910: Reject
        10. CID 2267: Accept: Addressed in D1.4
        11. CID 2308 : Accept: Addressed in D1.4
        12. CID 2426 : Accept: Addressed in D1.4
        13. CID 2453: Reject
        14. CID 2457: Revise (mostly editorial)
        15. CID 2461: Revise (mostly editorial)
        16. CID 2462: Reject
        17. CID 2486, 2487, 2488: Revise
     3. Will return to the submission at the next session
     4. Recess at 15:24

1. **TGaz – Tuesday, September 17th, 2019 – Slot #4 PM2**
   1. Called to order by TGaz chair, Jonathan Segev (Intel Corporation) at **16:00am VT**; 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 802.11-19/1360r7(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: ~13 present

* 1. Agenda Setting
     + 1. Agenda Approved
  2. Ganesh Venkatesna continued review of 11-19-1559
     1. Motion: 201909-27:  
        Move to adopt the resolutions depicted by document 11-19-1559r1 for CIDs 1801, 1611, 1612, 1664, 2355, 2513, 1807, 1808, 1856, 1862, 1909, 1910, 2267, 2308, 2309, 2426, 2453, 2457, 2461, 2462, 2486, 2487 and 2488, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
     2. Moved: Ganesh Venkatesan
     3. Second: Assaf Kasher
     4. Results: (9/0/0)
  3. Yongho Seok presented 11-19-1587
     1. Title LB240-cr\_annex-c
     2. Discussion
        1. CID 1885: Revise
        2. CID 1884: Revise
        3. CID 1918: Revise: agree in principle
        4. CID 1308: Reivse
        5. CID 1886: Revised agree in principle
        6. Cid 1919: Revised Agree in principel
        7. CID 1924 Revised
        8. CID 1924: Revised
        9. CID 1926: Revised
        10. Discussion on when “Implemented” and “Activated” should be used in the MIB and why. Response – syntax and semantics based on TGmc MIB language
     3. **Motion**: 201909-28  
        Move to adopt the resolutions depicted by document 11-19-1587r1 for CIDs 1885, 1884, 1918, 1308, 1886, 1919, 1924, 1925 and 1926, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
     4. Moved: Yongho Seok
     5. Seconded: Ganesh Venkatesan
     6. Results (Y/N/A) (9/0/0) motion passes
  4. Yongho Seok 11-19-1624
     1. **Title:** presend secure rangin mode minor bug fix
     2. Mostly Editorial Changes related to changing DL to R2I and UL to I2R
     3. **Motion** 201909-29**:**Move to adopt text changes in doucmetn 11-19-1624r1, instruct the technical editor to incorporate it in the 802.11
     4. Moved: Yongho
     5. Second: Qinghua
     6. Results: (Y/N/A) (9/0/0) motion passes
  5. Jonathan Segev presented 11-19-1608
     1. **Title:** CR for various unassigned CIDs
     2. To be continued in next session

1. **Tgaz – Wednesday, September 18th, 2019 – Slot #5 PM2**
   1. Called to order by Tgaz chair, Jonathan Segev (Intel Corporation) at **16:00am VT**; 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 802.11-19/1360r7(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: ~13 present

* 1. Agenda Setting
     1. Agenda Approved
  2. Technical editor presented comment resolution status
     1. 239 comments have not been worked on.
     2. 140 assigned but no resolution developed as of now
     3. 55 Editorial
     4. 44 unassigned
     5. Chair indicated volunteers are expected to resolve comments in timely manner to meet the group’s timelines.
  3. Motion to hold an Ad-Hoc Meeting
     1. Authorize TGz to hold a 3 day ad hoc meeting
     2. Moved: Qinghua Li
     3. Second: Roy Want
     4. Results (Y/N/A): (12/1/0)
  4. Jonathan Segev Continued review of 1608
     1. CID 1885: Revise
     2. CID 1889: Reject
     3. CID 1896: Reject – duplicate of 1889
     4. CID 1920: Reject – no change
     5. CID 1938: Revise – Resolved in
     6. CID 1988: Reject - will be done by the editors later
     7. CID 1991: Reject –
     8. CID 1998: Revised
     9. CID 2000: Reject
     10. CID 2001: Reject
     11. CID 2002: Revise
     12. CID 2003: Reject
     13. CID 2005: Reject
     14. CID 2015: Reject
     15. CID 2020: Reject
     16. CID 2022: Revised
     17. CID 2030 Reject
     18. CID 2031: Reject
     19. CID 2034: Will be removed from the document
     20. CID 2036: Reject.
     21. CID 2037: Reject – text cannot be found in the draft
     22. CID 2060: Reject
     23. CID 2062: Reject
     24. CID 2075: Revise – agree in principle – was already resolved in draft
     25. CID 2077: remove from this document
     26. CID 2078: Revise
     27. CID 2080: Reject
     28. CID 2086: Reject
     29. CID 2089: Revise – see resolution of CID 2289
     30. CID 2097: Reject

1. **Tgaz – Thursday, September 19th, 2019 – Slot #6 AM2**
   1. Called to order by Tgaz chair, Jonathan Segev (Intel Corporation) at **10:30am VT**; 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 802.11-19/1360r9(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: ~13 present

* 1. Agenda Setting
     1. Agenda Approved
     2. Roy Want presented a document on discrepancies between revision of documents that have been voted on and the ones on the sever.
     3. All docments with the issue have been reviewed – one issue identified.
  2. Jonathan Segev Continued review of 1608
     1. CID 2098: Revised – text not in D1.4
     2. CID 2111: legacy is not in D1.4
     3. CID 2119: Reject
     4. CID 2112 Reject
     5. CID 2131 Reject – range measurement defined
     6. CID 2137 Reject
     7. CID 2138 Reject
     8. CID 2142 Reject
     9. CID 2143 Reject
     10. CID 2144 Reject
     11. CID 2154 Revised fixed the resolution to 1977
     12. CID 2155 Reject, cant find the issue in darft
     13. CID 2211 Revise fixed in resolution to 2337, 2338
     14. CID 2224 Revise, editorial
     15. CID 2314 Revise see submission 11-19-1451
     16. CID 2316 Reject
     17. CID 2317 Revise
     18. CID 2326 Reject
     19. CID 2386 Accept
     20. CID 2398 Revise duplicate of 1395
     21. CID 2400 Reject
     22. CID 2402 Reject duplicate of 2400
     23. CID 2411 Revise
     24. CID 2443 Revised agree with the commenter
     25. CID 2458 Revised agree with the commenter done in 1.4
     26. CID 2459 Revised agree with the commenter done in 1.4
     27. CID 2491 Revised
     28. **Motion:** 201909-30:  
         Move to adopt the resolutions depicted by document 11-19-1608r1 for CIDs 1003, 1130, 1244, 1413, 1448, 1452, 1453, 1463, 1682, 1713, 1714, 1721, 1812, 1815, 1848, 1855, 1885, 1889, 1896, 1920, 1938, 1988, 1991, 1998, 2000, 2001, 2002, 2003, 2005, 2014, 2015, 2020, 2022, 2030, 2031, 2036, 2037, 2060, 2062, 2075, 2080, 2084, 2086, 2087, 2089, 2097, 2098, 2111, 2119, 2122, 2131, 2137, 2138, 2142, 2143, 2144, 2154, 2155, 2211, 2224, 2314, 2316, 2317, 2326, 2386, 2398, 2400, 2402, 2411, 2443, 2458, 2459 and 2491, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
     29. Moved by: Jonathan Segev
     30. Second by: Roy Want
     31. Results (Y/N/A) (11/0/0) Motion passes
  3. **Erik Linkskog present 11-19-1621**
     1. **Title**: addressing various lb 240 cids
     2. CID 1503 Revised
     3. CID 1089 Defered – we need help to figure out where does the secret key come form, will contact those who contributed the text
     4. CID 1375 Reject –
        1. C: possibly add that baseline uses the maximum error terminology
     5. CID 1287 Revised
     6. CID 1679 Revised
     7. CID 1754 Reject
     8. CID 2438 Revisd
     9. CID 1168
        1. Discussion on whether this limit the ranges as in comment
        2. Response: let the market decide, this is more forward looking.
     10. CID 1169 Revise
         1. Discussion on to include invalid ToDs. Agreed to have text saying that TOD is always included.

1. **Tgaz – Thursday, September 19th, 2019 – Slot #7 PM1**
   1. Called to order by TGaz chair, Jonathan Segev (Intel Corporation) at **13:30am VT**; 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 802.11-19/1360r10(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: ~13 present

* 1. Agenda setting
     1. Agenda Agreed
  2. Erik Lindskog continued presentation of 1621
     1. CID 1291: removed from resolution.
     2. CID 1483: revised – modified by D1.4
     3. CID 1980: reject
     4. CID 2287: removed from the resolution
     5. CID 2340: removed from the resolution
     6. CID 1523: revised – aready addressed in 11-19-1041
     7. CID 1524: revised – aready addressed in 11-19-1041
     8. CID 1528: revised – aready addressed in 11-19-1041
     9. CID 1530: revised – duplicate
     10. **Motion** 201909-31:  
         Move to adopt the resolutions depicted by document 11-19-1621r2 for CIDs 1503, 1375, 1287, 1679, 1754, 2438, 1168, 1169, 1483, 1980, 1523, 1524, 1528, and 1530, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
     11. Moved: Erik Lindskog
     12. Second: Dibakar Das
     13. Results (Y/N/A) (10/0/0) Motion passes
  3. Ganesh Venkatesan presented 11-19-1659
     1. CID 2051: Revise
     2. CID 2061:
        1. Discussion: if we need to include at least one of a set of subelements are they denoted as optional.
        2. CID rejected
     3. CID 2064: Revised as in D1.4
     4. CID 2065: Revised as in D1.4
     5. CID 2105, 2108: Revise
     6. CID 2113: Revise
     7. CID 2114: Revise: corrected in 11-19-1483
     8. CID 2121: Reject: figures are exaples
     9. CID 2123: Revise: changed as in D1.4
     10. CID 2133: Revise: see correction doc – editorial chagnes.
     11. CID 2135: Revise: editorial changes
  4. Girish Madpuwar presented 11-19-1437
     1. CID 1325: Reject
     2. CID 1461: Reject
     3. Motion 201909-32:  
        Move to adopt the resolutions depicted by document 11-19-1437r3 for CIDs 1325 and 1461, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
     4. Moved: Girish Madpuwar
     5. Second: Ganesh Venkatesan
     6. Results (Y/N/A) (11/0/0) Motion passes
  5. Running Motion of 11-19-1659r2
     1. Motion 201909-33:”  
        Move to adopt the resolutions depicted by document 11-19-1659r2 for CIDs 2051, 2061, 2064, 2065, 2105, 2108, 2113, 2114, 2115, 2116, 2118, 2121, 2123, 2133 and 2135, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
     2. Moved Ganesh Venkatesan
     3. Seconded Qinghua Li
     4. Results (Y/N/A) (11/0/0) Motion passes
  6. Recess at 15:29

1. **Tgaz – Thursday, September 19th, 2019 – Slot #8 PM2**
   1. Called to order by Tgaz chair, Jonathan Segev (Intel Corporation) at **16:00am VT**; 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 802.11-19/1360r12(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: ~13 present

* 1. Agenda setting
     1. Agenda Agreed
  2. Status Review
     1. Work accomplished (slide 90) of 1360r10
     2. Goals toward the Nov meeting:
        1. Complete
     3. Motion to complete to the goals:
        1. **Motion:** 201909-34**:**We commit to the TGaz meeting goals depicted in slide 90 of submission 11-19-1360r12**.**
        2. Moved by Roy Want
        3. Seconded: Erik Lindskog
        4. Results (Y/N/A) (11/0/0) Motion passes
     4. Motion to approve time line in slide 93
        1. **Motion** 201909-35  
           We commit to the TGaz timelines as depicted in slide 93 of submission 11-19-1360r12.
        2. Moved by Assaf Kasher
        3. Second by Qinghua Li
        4. Results (Y/N/A) (11/0/0) Motion passes
     5. Conferece call scheduled
  3. Assaf Kasher presented document 11-19-1422r3
     1. Title: Revision to 11-19-1422r3 caused a text change – need to revote
     2. **Motion**: 201909-36  
        Move to adopt the resolutions depicted by document 11-19-1422r3 for CIDs 2352 and 2351, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license
     3. Moved by: Assaf Kasher
     4. Second by: Ganesh Venkatesan
     5. Results (Y/N/A) 11/0/0 Motion passes
  4. Girish Madpuwar presented 11-19-1365
     1. CID 1592:
     2. CID 1892: Revised
     3. CID 2148: Discussion on the terms used for the description of legacy (EDCA based, non-TB and TB). – tabled for the time due to prolonged discussion
     4. **Motion** 201909-37  
        Move to adopt the resolutions depicted by document 11-19-1365r4 for CIDs 1559, 1892, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license
     5. Moved: Girish Madpuwar
     6. Second: Assaf Kasher
     7. Result (Y/NA) (11/0/0) Motion passes
  5. Qinghau Li presented 11-19-1563
     1. Title: CR for PHY related CIDs
     2. CID: \*\*\*\* reject
     3. CID 1338: Reject
     4. CID 2209: Reject
     5. CID 2479: Reject
     6. CID 2244: Revised
     7. CID 2484: Reject see 11-1563
     8. CID 2481: Reject see 11-1563
     9. CID 2482: Reject see 11-1563
     10. CID 2480: Reject see 11-1563
     11. CID 2478: Reject
     12. **Motion** 201909-38:

Move to adopt the resolutions depicted by document 11-19-1563r1 for CIDs 1825, 1338, 2209, 2479, 2244, 2484, 2482, 2481, 2480, 2478, 2371, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.

* + 1. Moved: Qinghua Li
    2. Second: Ganesh Venkatesan
    3. Results (Y/N/A) 8/0/1 Motion passes

**References:**

<https://mentor.ieee.org/802.11/dcn/19/11-19-1360-12-00az-tgaz-sep-meeting-agenda.pptx>

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<https://mentor.ieee.org/802.11/dcn/19/11-19-1403-00-00az-telecon-minutes-july-31st-2019.docx>

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<https://mentor.ieee.org/802.11/dcn/19/11-19-1439-00-00az-telecon-minutes-august-14th-2019.docx>

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<https://mentor.ieee.org/802.11/dcn/19/11-19-1608-01-00az-lb240-cr-for-various-unassigned-comments.docx>

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<https://mentor.ieee.org/802.11/dcn/19/11-19-1624-01-00az-secure-ranging-mode-minor-bug-fix.docx>

<https://mentor.ieee.org/802.11/dcn/19/11-19-1491-01-00az-text-clarification-for-ista2rsta-lmr-feedback-policy-bit-in-the-extended-capabilities-element.doc>