IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Meeting Minute July 2019 session | | | | |
| Date: 2019-07-15 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Assaf Kasher | Qualcomm |  |  | akasher@qti.qualcomm.com |
|  |  |  |  |  |

Abstract

This document contains the meeting minutes for TGaz session held during the IEEE 802.11 meeting in Vienna, 7/15/19-7/19/19

1. **TGaz – Monday, July 15th, 2019 – Slot #1 PM2**
   1. Called to order by TGaz chair, Jonathan Segev (Intel Corporation) at **13:30am ET**; 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 802.11-19/946r3 (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: ~30 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** 201907-01:  
         Move to approve document 11-19/706 r0 as TGaz meeting minutes for the May Ad hoc meeting.
         1. Moved by: Assaf Kasher
         2. Seconded by: Qighua Li
         3. **Results** (Y/N/A): (17/0/0) Motion passes.
      2. **Motion** 201907-02:  
         Move to approve document 11-19/981 r0 as TGaz meeting minutes for the May meeting.
         1. Moved by: Ganesh Venkatesan
         2. Seconded by: Jerome Henry
         3. **Results** (17/0/1) Motion passes.
      3. **Motion** 201907-03:  
         Move to approve document 11-19/1046r0 as TGaz meeting minutes for the June Ad-Hoc Meting.
         1. Moved by: Ganesh Venkatesan
         2. Seconded by: Roy Want
         3. Results (Y/N/A) (15/0/2) Motions passes
      4. **Motion** 201907-04:  
         Move to approve document 11-19/1197r0 as TGaz meeting minutes for the July 10th Telecon.
         1. Moved by: Jerome Henry
         2. Seconded by: Assaf Kasher
         3. **Results** (Y/N/A): (16/0/1) Motion passes.
      5. **Motion** 201907-05:  
         Move to approve document 11-19/1198r0 as TGaz meeting minutes for the June 5th Telecon.
         1. Moved by: Assaf Kasher
         2. Seconded by: Roy Want
         3. **Results** (Y/N/A): (14/0/0) Motion passes.
      6. **Motion** 201907-06:  
         Move to approve document 11-19/1205r0 as TGaz meeting minutes for the June 19th Telecon.
         1. Moved by: Roy Want
         2. Seconded by: Qinghua Li
         3. **Results** (Y/N/A): (14/0/1) Motion passes.
   6. Motions to approve document which were presented in telecons and in the ad-hoc meeting.
      1. **Motion** 2019-07  
         Move to adopt the resolutions depicted by document 11-19-579r3 for CIDs 1097, 2382, 1000, 1304, 1001, 1173, 1174, 3290, 3272, 2383, 1422, 1175, 1176, 1177, 2374, 2375, 2376, 1304, 1307, 1008, 1004, 1006, 1048, 1009, 1010, 1041, 1054, 1004 and 1041, 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: Qinguah Li
         3. **Results** (Y/N/A) (14/0/2) Motion Passes
      2. **Motion** 2019-08  
         Move to adopt the resolutions depicted by document 11-19-886r1 for CIDs 2337 and 2338, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
         1. Moved by Jerome Henry
         2. Seconded by: Qingua Li,
         3. **Results** (Y/N/A) (14/0/0) Motion Passes
      3. **Motion** 2019-09  
         Move to adopt the resolutions depicted by document 11-19-466r4 for CIDs 1026, 1099, 1235, 1883, 1923, 2223, 2235, 2253, 2335, 2339, 2451, 2524 and 2523, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
         1. Moved by: Ganesh Venkatesa
         2. Seconded by: Assaf Kasher
         3. **Results** (Y/N/A) (14/0/1) Motion Passes
      4. **Motion** 2019-10  
         Move to adopt the resolutions depicted by document 11-19-1026r2 for CIDs 1335, 1368, 1370, 2517, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
         1. Moved by: Ganesh Venkatesan
         2. Second by: Jerome Henry
         3. **Results** (Y/N/A) (11/0/2) Motion Passes
      5. **Motion** 2019-11  
         Move to adopt the resolutions depicted by document 11-19-1028r1 for CIDs 2104, 2140, 1970, 2304, 2157, 2179, 2334, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
         1. Moved By: Qingua Li
         2. Seconded By: Jerome Henry
         3. **Results** (Y/N/A) (14/0/1)
      6. **Motion** 2019-12  
         Move to adopt the resolutions depicted by document 11-19-470r1 for CID 1888, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
         1. Moved By: Jerome Henry
         2. Seconded By: Ganesh Venkatesan
         3. **Motion** to defer the Motion on 11-19-470 to slot 7 of the week
            1. Moved by: Qi Want
            2. Seconded by: Nehru Bhandaru
            3. **Results** (Y/N/A) (6/0/7) Motion Passes
      7. **Motion** 2019-13  
         Move to adopt the resolutions depicted by document 11-19-659r7 for CIDs 2275, 2276, 2277, 2778, 2279, 2280, 1654, 1220, 2431, 1126, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
         1. Moved By: Qi Wang
         2. Seconded By: Qingua Li
         3. **Results** (Y/N/A): (15/0/2)
      8. **Motion** 2019-14  
         Move to adopt the resolutions depicted by document 11-19-1044r1 for CIDs 1142, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license
         1. Moved by: Jerome Henry
         2. Secoded by: Ganesh Venkatesan
         3. **Results** (Y/N/A) (14/0/3)
      9. **Motion** 2019-15  
         Move to adopt the resolutions depicted by document 11-19-1047r3 for CIDs 1161, 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: Qinghua Li
         3. **Results** (Y/N/A): (16/0/2)
      10. **Motion** 2019-16  
          Move to adopt the resolutions depicted by document 11-19-1107r1 for CIDs 2512, 2508, 2511, 2509, 2506, 2505 and 2507, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
          1. Moved By: Jerome Henry
          2. Seonded By: Qinghua Li
          3. **Results** (Y/N/A) (16/0/1)
   7. Recess at 15:26
2. **TGaz – Tuesdya, July 16th, 2019 – Slot #2 AM2**
   1. Called to order by TGaz chair, Jonathan Segev (Intel Corporation) at **10:30am ET**; 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 802.11-19/946r7(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: ~20 present

* 1. Agenda Setting
     1. Agenda Approved
  2. Correction to Motion on 11-19-622r1
     1. **Motion** 201907-17:  
        Move to adopt the resolutions depicted by document 11-19-622r1 for CID 2010, 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: Roy Want
        3. Results (Y/N/A): 11/0/0 Motion passes
  3. Roy Want presented Comment resolution assignment.
     1. Many comments reassigned
  4. Nehru Bhandaru: Presnted 11-19-970r2
     1. Title: PASN Authenticated State 1a and related text
  5. Erik Lindskog Presented 11-19-1062
     1. Title: EDCA FTM negotiation
     2. Discussion on the use of “no preference” for the format and bandwidth.
     3. **Motion** 201907-18  
        Move to adopt the resolutions depicted by document 11-19-1062r5 for CID 1516, instruct the technical editor to incorporate it in the P802.11az draft and grant theeditor editorial license.
        1. Moved by: Erik Lindskog
        2. Second by: Assaf Kasher
        3. **Results** (Y/N/A) (8/0/2) Motion passes.
  6. Recessed at 12:31

1. **TGaz – Tuesday, July 16th, 2019 – Slot #2 PM1**
   1. Called to order by TGaz chair, Jonathan Segev (Intel Corporation) at **13:30am ET**; 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 802.11-19/946r7(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: ~20 present

* 1. Agenda Doc. **IEEE 802.11-19/946r7(in progress)**
     1. Agenda approved
  2. Nehru Bhandaru: Presnted 11-19-970r2
     1. Continuation of the presentation after alignment with text approved in 11-19-466r4
     2. **Motion** 201907-19  
        Move to adopt the resolutions depicted by document 11-19-970r4 for CID 2222, instruct the technical editor to incorporate it in the P802.11az draft and grant theeditor editorial license
        1. Moved By: Nehru Bhandaru
        2. Seconded By: Ganesh Venkatesan
        3. Results (Y/N/A) (15/0/2)
  3. Dibakar Das Presnted 11-19-1233
     1. Title: CR for CIDs on avaiablitiy window field format
     2. After some discussion, correction were needed. Will be discussed later
  4. Ganesh Venkatesan presented 11-19-1277
     1. Title: a few lb240 comments that need some discussion
     2. Discussion: Renaming legacy FTM to “EDCA based FTM” – agreement
     3. Discussion: Putting the Secure LTF parameters as subelement of Ranging parameter element or (in the case EDMG/DMG) the FTM parameters element.
     4. Discusion will continue
  5. Dibakar Das presented changes to 11-19-1233
     1. **Motion** 201907-20Move to adopt the resolutions depicted by document 11-19-1233r1 for CIDs 1367, 1535, 1645, 1646, 1132, 1372, 1373, and 1376. instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license
     2. Moved By: Qinghua Li,
     3. Seconded By: Ganesh Venkatesan
     4. **Results** (Y/N/A): 14/0/0
  6. Erik Lindskog: presented 11-19-1043r2
     1. Title LB240 CID Reolution Phase TOA in passive location Ranging Amendment text

1. **TGaz – Wednesday, July 17th, 2019 – Slot #4 PM1**
   1. Called to order by TGaz chair, Jonathan Segev (Intel Corporation) at **13:30am ET**; 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 802.11-19/946r8(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
      6. Headcount: ~15 present
   4. Agenda Review
      1. Agenda approved
   5. Formation of an Ad-HOC
      1. **Motion** 201907-21:  
         Authorize TGaz to hold an ad-hoc meeting in the bay area on either the week of August 26th or Septmeber 2nd for 3 days.
      2. Moved by: Ganesh Venkatesan
      3. Seconded by: Christian Berger
      4. **Results** are15/0/0
   6. Dibakar Das presented 11-19-1234r1
      1. Title: CR for trigger frame format related CIDs
      2. **Motion** 201907-22:   
         Move to adopt the resolutions depicted by document 11-19-1234r2 for CIDs 2285, 2284, 2262, 2049, 2047, 2041, 1990, 1615, 1396, 1390, 1332 and 1114, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
         1. Moved By: Qinghua Li,
         2. Seconded By: Ganesh Venkatesan
         3. **Results** (Y/N/A): 14/0/0
   7. Ali Raissinia presented in 11-19-1036r5
      1. Title: MAC HE FTM in 6GHz
      2. **Motion** 201907-22:   
         Move to adopt submission 11-19-1036r5, 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
   8. Erik Lindskog presented 11-19-1040
      1. Title: LB240 fine timing measurement parameters element amendment text

1. **TGaz – Wednesday, July 17th, 2019 – Slot #5 PM2**
   1. Called to order by TGaz chair, Jonathan Segev (Intel Corporation) at **16:00 ET**; 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 802.11-19/946r9(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
      6. Headcount: ~15 present
   4. Agenda Review
      1. Agenda Review
   5. Erik Lindskog continued presentation of 11-19-1040
      1. Title: LB240 fine timing measurement parameters element amendment text
      2. **Motion** 201907-23:   
         Move to adopt the resolutions depicted by document 11-19-1040r5 for CIDs 1121, 1508, 1383, 1509, 1635, 1791, 2247, 1210, 1062, 1066, 1630, 2246, 1208, 2265, 1708, 1064, 1211, 1065, 1096, and 1629, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license
         1. Moved By: Christian Berger
         2. Seconded By: Erik Lindskog
         3. **Results**: (11/0/0)
   6. Approval of meeting meeting minutes
      1. **Motion** 201907-24  
         Move to approve document 11-19/882r2 as TGaz meeting minutes for the May meeting
         1. Moved by assaf Kasher
         2. Second by Roy Want
         3. **Results** (12/0/0)
   7. Comment Assignment review.
   8. Erik Lindskog presented 11-19-1041
      1. Title: lb240 passive location ranging inheritance of TB ranging properties
      2. **Motion** 201907-25:   
         Move to adopt the resolutions depicted by document 11-19-1041r2 for CIDs 1286, 1520, 1542, 1543, 1544, 1547, 1548, 1551, 1552, 1553, 1554, 1555, 1556, 1561, 1562, 1564, 1565, 1574, and 2286 , instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
         1. Moved by: Jerome Henry
         2. Seonded by: Erik Lindskog
         3. **Results** (Y/N/A) 13/0/0
   9. Ganesh Venkatesan presented 11-19-1277
      1. **Motion** 201907-26  
         Move to adopt the resolutions depicted by document 11-19-1277r3 for CIDs 1238, 1241, 1661, 1775 and 1776, 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: Qinghua Li
         3. **Results** (Y/N/A) (13/0/0/)
2. **TGaz – Thursday, July 18th, 2019 – Slot #6 AM1**
   1. Called to order by TGaz chair, Jonathan Segev (Intel Corporation) at **8:00 ET**; 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 802.11-19/946r10(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
      6. Headcount: ~15 present
   4. Agenda Review
      1. Agenda approved
   5. Qi Wang presented 11-19-0677r2
      1. Title: Proposed resolutions to lb 240 cid 2302 on aod for passive ranging
   6. Assaf Kasher presented document  **11-19/579r5**
      1. **Summary**: Resolution for Secure TRN related CIDs
      2. Discussion:

C. Implemented CIDs are in green.

C. Question on 29.4 removal - motionedin 1001

R. Has been discussed earlier.

* + 1. **Motion** 201907-27Move to adopt the resolutions depicted by document 11-19-579r6 for CIDs 1033,1035, 1087  and 1088, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
    2. Moved: Qinghua Li
    3. Second: Ganesh Venkatesan
    4. **Results** (Y/N/A): 13/0/0
    5. Motion passes.
  1. Assaf Kasher presented document 11-19/1074r0
     1. Summary: Comment resolution for First Path Beamforming related CIDs

C.In 11.2.6.4.7 May refuse the FPBF -> Must refuse the FPBF

R. Decision should be left for the RSTA to choose.

C. If one side supports FPT an the other does not, they will not understand each other.

R. If you don't support FPT you use the antenna setting you have - it just may not be optimal. Communication will still be possible. FTM can still occur.

C. If this occurs, ranging performance would not be acceptable.

R. May be an issue or an unlocking app, but not so important for positioning.

Now considering Motions in Resolutions in 1074r0

Proposal to Approve the resolution that appears in 842r1 with the minor fixes.

C. If you do secure ranging, then you should have to set the FPT to one.

R. Yes, as covered in p5 of 1074r0.

C. Will this be r1?

R. Yes, will do this before the next session in PM1

In preparation for a motion we will combine the resolution of 842r1 to this set of CIDs as implemented in D1.2 with changes indicated in 1074r1

* 1. Recess at 10.00am

1. **TGaz – Thursday, July 18th, 2019 – Slot #7 PM1**
   1. Called to order by TGaz chair, Jonathan Segev (Intel Corporation) at **13:30 ET**; 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 802.11-19/946r12(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
      6. Headcount: ~15 present
   4. Agenda Review
      1. Agenda approved
   5. Time Line Review
      1. Time line reviewed
      2. No changes are proposed
   6. Meeting goals reviewed
   7. Details of the Ad-hoc location and dates:
      1. Confirmed the dates of Sep. 4th -6th , hosted by Broadcom.
      2. Location: Broadcom, 280 Innovation Drive (Bldg. E2), San Jose CA 95134 USA.
      3. Meeting time 9:00-17:30 for all days.
   8. Task Group Status Reviewed:
      1. Adopted roughly ~150 technical comments.
      2. Performed comment assignment of most of the remaining CIDs.
      3. Group met for 8 meeting slots and reviewed a total of 29 submissions.
      4. Continued effort to meet the projected re-circ ballot out of Sep. meeting.
   9. Meeting Goals
      1. Complete LB240 comment resolution by end of Sep. meeting.
      2. Publish a new baseline draft D1.3 including all adopted CR from July meeting.
      3. Have a 3 day ad hoc for the purpose of comment resolution
      4. **Motion** We commit to the TGaz Meeting goals depicted in slide 84 of 11-19-946r12
         1. Moved by Roy Want
         2. Seconded by Qinghua Li
         3. **Reuslts** Y/N/A (15/0/0)
   10. Teleconference Schedule:
       1. **July 24th (Wednesday), 13:00 ET – 14:30 ET – already approved**
       2. **July 31st (Wednesday), 13:00 ET – 14:30 ET**
       3. **Aug. 7th (Wednesday), 13:00 ET – 14:30 ET**
       4. **Aug. 14th (Wednesday), 13:00 ET – 14:30 ET**
       5. **Aug. 21st (Wednesday), 13:00 ET – 14:30 ET**
       6. **Aug. 28st (Wednesday), 13:00 ET – 14:30 ET**
       7. No objection to the proposed teleconference times.
   11. Presentation 1074-r1 by Assaf Kasher - continued
       1. **Motion** 201907-28 on Submission 11-1074  
          Move to adopt the resolutions to CIDs 2381, 1440, 1080, 1240, 1239, 1442, 2345, 2346 as shown in 11-19-842r1 and implemented in P802.11az\_Draft\_D1.2 and modified by 11-19-1074r2 and the resolutions to CIDs 2347, 1444, 2348 as depicted in 11-19-1074r2, 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 : Jerome Henry
          3. Results 15/0/0
          4. **Note to the editor:** Only changes shown in 11-19-1074r2 require incorporating, the remaining were already implemented.
   12. Defered Motion:
       1. **Motion** 201907-29  
          Move to adopt the resolutions depicted by document 11-19-470r1 for CID 1888, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
          1. Moved by Jerome Henry.
          2. Seconded by: Ganesh Venkatesan.
          3. Results (Y/N/A): 14/0/1
   13. Motion on Telecom
       1. **Motion** 201907-30  
          Move to adopt the resolutions depicted by document 11-19-677r3 for CID 2302, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license
          1. Moved by: Qi Wang
          2. Seconded by: Jerome Henry
          3. **Results** 16/0/0
   14. Erik Lindskog presented 11-19-1191
       1. Title: lb240 ista passive locaiton measurement report element
       2. Discussion
          1. Much discussion about CID 1510, will be pulled out.
       3. **Motion** 201907-31  
          Move to adopt the resolutions depicted by document 11-19-1191r3 with modifications made during this meeting slot, for CIDs 1377, 1378, 1518, and 1374, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license
          1. Moved by Jerome Henry
          2. Seoncded by Ganesh Venkatesa
          3. **Results** (Y/N/A) 13/0/1
   15. Erik Lindskog presented 11-19-1282
       1. Title: cr rsta passive location lmr element
       2. **Motion** 201907-32  
          Move to adopt the resolutions depicted by document 11-19-1282r1 with changes made during this meeting slot, for CID 1519 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: Qinghua Li
          3. **Results** (Y/N/A) 13/0/1
   16. Ganesh Venkatesan Presented 11-19-1276
       1. Title: resolution to a few lb240 comments (part 3)
2. **TGaz – Thursday, July 18th, 2019 – Slot #8 PM2**
   1. Called to order by TGaz chair, Jonathan Segev (Intel Corporation) at **16:00 ET**; 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 802.11-19/946r12(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
      6. Headcount: ~15 present
   4. Agenda Setting
   5. Qi Wang presented 11-19-883r2
      1. Title: adding dialog token in ranging trigger frames
      2. **Motion** 201907-33  
         Move to adopt the submission 11-19-883r3, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license
      3. Moved by: Qi Wang
      4. Seconded by: Christian Berger
      5. **Results** (Y/N/A): 11/1/2
   6. Christian Berger presented 11-19-1319
      1. Title: immediate and delayed feedback in LMR
      2. **Motion** 201907-34:  
         Move to adopt the submission 11-19-1319r1, for CIDs 1470 and 1585 instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
         1. Moved by Qinghua Li
         2. Seconded by Qi Wang
         3. Results (Y/N/A)
         4. **Motion** to Defer motion 11-19-1913 to 17:45 in 2019-07-18
            1. Moved By: Jerome Henry
            2. Seonded by: Roy Want
            3. Results 12/0/0
   7. Ganesh Presented 11-19-1276 (continuation)
      1. Title: Resolutions to a few LB240 Comments (Part-3)
      2. **Motion** 201907-35:   
         Move to adopt the submission 11-19-1276r1, for CIDs 1699, 1702, 1345, 1347, 1596 and 1609, instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
      3. Moved By: Christian Berger
      4. Seconded by: Ganesh Venkatesan
      5. **Results** (11/0/0)
   8. Christian Berger presented 11-19-1319
      1. Title: immediate and delayed feedback in LMR
      2. **Motion** 201907-36  
         Move to adopt the submission 11-19-1319r2, for CIDs 1470 and 1585 instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.
         1. Moved by Qinghua Li
         2. Seconded by Qi Wang
         3. **Results** (Y/N/A) (11/0/0)
   9. Ganesh Venkatesan presented 11-19-1325r1
      1. Title: Resolution to CIDs related to Clause 4
      2. **Motion** 201907-37  
         Move to adopt the submission 11-19-1325r1, for CIDs 2227, 2322, 1761, 1902 and 2448, 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) (11/0/0)
   10. Chair Adjourned 17:46

* + 1. **References:**