IEEE P802.11  
Wireless LANs

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| August-2022-telecon-minutes | | | | |
| Date: 2022-08-03 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Assaf Kasher | Qualcomm |  |  | akasher@qti.qualcomm.com |
|  |  |  |  |  |

Abstract

This document contains TGaz Telecon minutes for meetings in August 2022

1. **TGaz – August 3rd, 2022** 
   1. Called to order by TGaz Chair, Jonathan Segev (Intel Corporation) and Vice Chair and secretary Assaf Kasher (Qualcomm), at **10:00 PST,**
   2. Agenda Doc. [**IEEE 802.11-21/841r6**](https://mentor.ieee.org/802.11/dcn/22/11-22-0841-06-00az-tgaz-may-meeting-and-following-telecons-agenda.pptx) **(in progress - slide 43)**
   3. Review Patent Policy and logistics
      1. Chair reviewed the IEEE-SA Patent Policy, duty to inform, the guideline for IEEE WG meetings and logistics – no clarifications requested.
      2. Chair called for any potentially essential patents, no one stepped forward.
      3. Chair reminded participants to register their attendance using imat.
      4. Chair reviewed other guidelines for IEEE meetings, asked if any clarifications are requested, no one stepped forward.
      5. Chair reviewed IEEE copyright policy, – no clarification requested
      6. Chair reviewed IEEE code of ethics and WG participation as an individual professional. – no clarification requested
      7. Chair reviewed IEEE 802 ground rules
      8. Recorded Participation requirement  
         Headcount: ~13 present
   4. Agenda
      1. Review assignment status 11-22-946 (Roy Want 5 min)
      2. 11-22-1167 Proposed resolution for 1 CID of 11az SAB recirc #1 (Qi Wang) 15 minutes
      3. CR as a group
      4. Review submission pipeline
   5. Roy Want reviewed 11-22-946
      1. 11 comments to resolve
   6. Qi Wang presented 11-22-1167
      1. CID 8003 – revised
      2. Motion 202208-01  
         Move to adopt the resolution proposed in 11-22-1167r1 for CID 8003 (total of 1 CID), instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license  
         Moved by: Qi Wang  
         Seconded by: Ali Raissinia  
         Results: Approved by Unanimous Consent
   7. Comment Resolution As a group
      1. CID 8064: Reject
      2. CID 8065: Reject
      3. CID 8001: Revise
      4. CID 8048: Revise
      5. CID 8057: Reject
   8. Next telecons august 10th, 17th, 24th
   9. AoB
   10. Adjourned at 12:03PDT
   11. Attendance:

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| TGaz | 8/3 | Grandhe, Niranjan | NXP Semiconductors |
| TGaz | 8/3 | Kasher, Assaf | Qualcomm Incorporated |
| TGaz | 8/3 | Kipness, Michael | IEEE STAFF |
| TGaz | 8/3 | Raissinia, Alireza | Qualcomm Incorporated |
| TGaz | 8/3 | Segev, Jonathan | Intel |
| TGaz | 8/3 | Wang, Qi | Apple, Inc. |
| TGaz | 8/3 | Want, Roy | Google |
| TGaz | 8/3 | Wu, Tianyu | Apple, Inc. |
| TGaz | 8/3 | Yee, Peter | NSA-CSD |

1. **TGaz – August 10th, 2022** 
   1. Called to order by TGaz Chair, Jonathan Segev (Intel Corporation) and Vice Chair and secretary Assaf Kasher (Qualcomm), at **10:00 PST,**
   2. Agenda Doc. [**IEEE 802.11-21/841r6**](https://mentor.ieee.org/802.11/dcn/22/11-22-0841-06-00az-tgaz-may-meeting-and-following-telecons-agenda.pptx) **(in progress - slide 57)**
   3. Review Patent Policy and logistics
      1. Chair reviewed the IEEE-SA Patent Policy, duty to inform, the guideline for IEEE WG meetings and logistics – no clarifications requested.
      2. Chair called for any potentially essential patents, no one stepped forward.
      3. Chair reminded participants to register their attendance using imat.
      4. Chair reviewed other guidelines for IEEE meetings, asked if any clarifications are requested, no one stepped forward.
      5. Chair reviewed IEEE copyright policy, – no clarification requested
      6. Chair reviewed IEEE code of ethics and WG participation as an individual professional. – no clarification requested
      7. Chair reviewed IEEE 802 ground rules
      8. Recorded Participation requirement  
         Headcount: ~13 present
   4. Agenda
      1. Update on CR status 11-22-946
      2. Submissions
         1. 1122-1256 SAB2 Group CR 20220803 meeting
         2. 11-22-1304 Phase Shift TOA Feedback CR (Erik Lindskog)
         3. 11-22-1323 Comment Resolution SA1 - 8000s part2 (Christian Berger)
      3. CR as a group
      4. Consider SA ballot recirculation based 11-22898 CR dB
   5. Roy Want presented 11-22-9446
      1. 6 CIDS are ready
      2. 4 remaining CIDs require technical discussion
   6. Jonathan Segev presented 11-22-1256
      1. Discussion on 8057 – resolution changed to revise
      2. Motion 202208-03  
         Move to adopt the resolution depicted by document 11-22-1256r1 for CID 8064, 8065, 8001, 8048, 8057 (total of 5 CIDs), instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license.  
         Moved by: Christian Berger  
         Seconded by: Roy Want  
         Results: Approved by Unanimous Consent
   7. Erik Lindskog presented 11-22-1304
      1. CID 8066 – reject (withdrawn)
      2. Motion 202208-2  
         Moved to adopt the resolutions proposed in 11-22-1304r0 for CID 8066 (total of 1 CID), instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license  
         Moved by: Erik Lindskog  
         Seconded by: Ali Raissinia  
         Results: Approved by Unanimous Consent
   8. Christian Berger Presented 11-22-1323
      1. Motion 202208-4  
         Moved to adopt the resolutions proposed in 11-22-1323r1 for CID 8054, 8055 and 8056 (total of 3 CID2), instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license  
         Moved by: Christian Berger  
         Seconded by: Assaf Kasher  
         Results: Approved by Unanimous Consent
   9. Resolution to CID 8051: (part of group comment resolution)
      1. Rejected – commenter withdrew the comment
      2. Motion 202208-5  
         Moved to adopt the resolutions proposed in 11-22-898r3 for CID 8051(total of 1 CID), instruct the technical editor to incorporate it in the P802.11az draft and grant the editor editorial license  
         Moved by: Christian Berger  
         Seconded by: Assaf Kasher  
         Results: Approved by Unanimous Consent
   10. SA Recirculation Ballot
       1. Motion (202208-06):  
          Having approved comment resolutions for all of the comments received from Initial SA recirculation ballot on TGaz D5.0 as contained in documents:  
          11-22-898r3 <https://mentor.ieee.org/802.11/dcn/22/11-22-0898-03-00az-sa1-8000-comments.xlsx>  
          11-22-1304r0 <https://mentor.ieee.org/802.11/dcn/22/11-22-1304-00-00az-sab2-phase-shift-toa-feedback-cr.docx>

11-22-1256r1 <https://mentor.ieee.org/802.11/dcn/22/11-22-1256-01-00az-sab2-group-cr-20220803-meeting.docx>

11-22-1323r1 <https://mentor.ieee.org/802.11/dcn/22/11-22-1323-01-00az-comment-resolution-sa1-8000s-part2.docx>  
  
Instruct the editor to prepare TGaz P802.11az D6.0 incorporating these resolutions and,  
Approve a 15 day SA Recirculation Ballot asking the question “Should P802.11az D6.0 be forwarded to RevCom?”.  
Moved by: Roy Want  
Seconded by: Assaf Kasher  
Results: (Y/N/A): 13/0/0

* 1. New Telecon: September 7th 13:00-15:00 Et
  2. AoB
  3. Adjourned
  4. Attendance:

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| TGaz | 8/10 | Batra, Anuj | Apple, Inc. |
| TGaz | 8/10 | Berger, Christian | NXP Semiconductors |
| TGaz | 8/10 | Gee, Thomas | Qorvo |
| TGaz | 8/10 | Haasz, Jodi | IEEE Standards Association (IEEE-SA) |
| TGaz | 8/10 | Kasher, Assaf | Qualcomm Incorporated |
| TGaz | 8/10 | Lindskog, Erik | SAMSUNG |
| TGaz | 8/10 | Raissinia, Alireza | Qualcomm Incorporated |
| TGaz | 8/10 | Rosdahl, Jon | Qualcomm Technologies, Inc. |
| TGaz | 8/10 | Segev, Jonathan | Intel |
| TGaz | 8/10 | Stanley, Dorothy | Hewlett Packard Enterprise |
| TGaz | 8/10 | Wang, Qi | Apple, Inc. |
| TGaz | 8/10 | Want, Roy | Google |
| TGaz | 8/10 | Wei, Dong | NXP Semiconductors |
| TGaz | 8/10 | Wu, Tianyu | Apple, Inc. |
| TGaz | 8/10 | Yee, Peter | NSA-CSD |



1. **TGaz – August 17th, 2022** 
   1. Called to order by TGaz Chair, Jonathan Segev (Intel Corporation) and Vice Chair and secretary Assaf Kasher (Qualcomm), at **10:00 PST,**
   2. Agenda Doc. [**IEEE 802.11-21/841r8**](https://mentor.ieee.org/802.11/dcn/22/11-22-0841-08-00az-tgaz-may-meeting-and-following-telecons-agenda.pptx) **(in progress - slide 57)**
   3. Review Patent Policy and logistics
      1. Chair reviewed the IEEE-SA Patent Policy, duty to inform, the guideline for IEEE WG meetings and logistics – no clarifications requested.
      2. Chair called for any potentially essential patents, no one stepped forward.
      3. Chair reminded participants to register their attendance using imat.
      4. Chair reviewed other guidelines for IEEE meetings, asked if any clarifications are requested, no one stepped forward.
      5. Chair reviewed IEEE copyright policy, – no clarification requested
      6. Chair reviewed IEEE code of ethics and WG participation as an individual professional. – no clarification requested
      7. Chair reviewed IEEE 802 ground rules
      8. Recorded Participation requirement  
         Headcount: ~7 present
   4. Agenda
      1. Update on draft status
      2. 320MHz Ranging discussion topics
         1. 11-22-1325 320MHz Ranging Draft Par review (Ali Raissinia)
      3. Review submission pipeline
      4. Review Telecon Time
   5. Roy Want discussed draft status
      1. Draft 5.1 that includes all the motioned changes sent to contributors for review
      2. Target date for comments 8/18/22
      3. Steps for continuation on slide 66
   6. Ali Raissinia presented 11-22-1325
      1. Some discussion on 5.2 – scope
   7. Review submission pipeline – empty
   8. AOB?
   9. Adjourned at 11:02 PDT
   10. Attendance:

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| TGaz | 8/17 | Berger, Christian | NXP Semiconductors |
| TGaz | 8/17 | Kasher, Assaf | Qualcomm Incorporated |
| TGaz | 8/17 | Li, Qinghua | Intel |
| TGaz | 8/17 | NANDAGOPALAN, SAI SHANKAR | Synaptics |
| TGaz | 8/17 | Raissinia, Alireza | Qualcomm Incorporated |
| TGaz | 8/17 | Segev, Jonathan | Intel |
| TGaz | 8/17 | Shellhammer, Stephen | Qualcomm Incorporated |
| TGaz | 8/17 | Wang, Qi | Apple, Inc. |
| TGaz | 8/17 | Want, Roy | Google |
| TGaz | 8/17 | Wei, Dong | NXP Semiconductors |
| TGaz | 8/17 | Yee, Peter | NSA-CSD |
| TGaz | 8/17 | Zaman, Malia | IEEE STAFF |

1. **TGaz – August 24th, 2022** 
   1. Called to order by TGaz Chair, Jonathan Segev (Intel Corporation) and Vice Chair and secretary Assaf Kasher (Qualcomm), at **10:00 PST,**
   2. Agenda Doc. [**IEEE 802.11-21/841r8**](https://mentor.ieee.org/802.11/dcn/22/11-22-0841-08-00az-tgaz-may-meeting-and-following-telecons-agenda.pptx) **(in progress - slide 72)**
   3. Review Patent Policy and logistics
      1. Chair reviewed the IEEE-SA Patent Policy, duty to inform, the guideline for IEEE WG meetings and logistics – no clarifications requested.
      2. Chair called for any potentially essential patents, no one stepped forward.
      3. Chair reminded participants to register their attendance using imat.
      4. Chair reviewed other guidelines for IEEE meetings, asked if any clarifications are requested, no one stepped forward.
      5. Chair reviewed IEEE copyright policy, – no clarification requested
      6. Chair reviewed IEEE code of ethics and WG participation as an individual professional. – no clarification requested
      7. Chair reviewed IEEE 802 ground rules
      8. Recorded Participation requirement  
         Headcount: ~7 present
   4. Agenda
      1. Update on draft status
      2. 320MHz Ranging discussion topic – 11-22-1343 320m 11bk 320MHz FTM CSD – as time permits
   5. Update on draft status
      1. Draft 6.0 ready
      2. SA ballot started
   6. Ali Raissinia presented 11-22-1353
      1. Title: IEEE 802.11bk CSD
   7. Next Telecon – September 7th ,2022
   8. AOB
   9. Adjourned at 10:55 PDT
   10. Attendance:

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| TGaz | 8/24 | Berger, Christian | NXP Semiconductors |
| TGaz | 8/24 | Carney, William | Sony Group Corporation |
| TGaz | 8/24 | Doong, Mengchang | Broadcom Corporation |
| TGaz | 8/24 | Grandhe, Niranjan | NXP Semiconductors |
| TGaz | 8/24 | Kasher, Assaf | Qualcomm Incorporated |
| TGaz | 8/24 | Raissinia, Alireza | Qualcomm Incorporated |
| TGaz | 8/24 | Wang, Chao Chun | MediaTek Inc. |
| TGaz | 8/24 | Yee, Peter | NSA-CSD |

**References:**