IEEE P802.11  
Wireless LANs

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| Minutes for REVme Telecons April 29, 2024 | | | | |
| Date: 2024-04-29 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Stephen McCann | Huawei Technologies Co., Ltd | Southampton, UK |  | stephen.mccann@ieee.org |

Abstract

Minutes for the TGme (REVme) Teleconferences on April 29th, 2024

1. **TGme (REVme) Telecon – Monday, April 29, 2024, at 10:00-12:00 ET**
   1. **Called to order** 10:02am ET by the TG Chair, Michael MONTEMURRO (Huawei).
   2. **Introductions of other Officers present:**
      1. Vice Chair - Mark HAMILTON (Ruckus/CommScope)
      2. Vice Chair - Mark RISON (Samsung)
      3. Editor - Emily QI (Intel)
      4. Editor - Edward AU (Huawei)
      5. Secretary pro-tem – Stephen MCCANN (Huawei)
   3. **Telecon Attendance:**
      1. IMAT Reported**:**

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| --- | --- | --- |
|  | **Name** | **Affiliation** |
| 1 | McCann, Stephen | Huawei Technologies Co., Ltd |
| 2 | Hamilton, Mark | Ruckus/CommScope |
| 3 | RISON, Mark | Samsung Cambridge Solution Centre |
| 4 | Zhou, Lei | H3C Technologies Co., Limited |
| 5 | Das, Subir | Perspecta Labs Inc |
| 6 | Coffey, John | Realtek Semiconductor Corp. |
| 7 | Ptasinski, Henry | Element78 Communications LLC |
| 8 | Montemurro, Michael | Huawei Technologies Co., Ltd |
| 9 | Patwardhan, Gaurav | Hewlett Packard Enterprise |
| 10 | Rosdahl, Jon | Qualcomm Technologies, Inc. |
| 11 | Levy, Joseph | InterDigital, Inc. |
| 12 | Asterjadhi, Alfred | Qualcomm Technologies, Inc |
| 13 | Malinen, Jouni | Qualcomm Technologies, Inc |
| 14 | Petrick, Albert | Jones-Petrick and Associates, LLC. |
| 15 | Sun, Bo | Sanechips |
| 16 | Halasz, David | Morse Micro |
| 17 | Xin, Yan | Huawei Technologies Co., Ltd |
| 18 | Luo, Hui | Infineon Technologies |
| 19 | Qi, Emily | Intel |
| 20 | Kim, Youhan | Qualcomm Technologies, Inc. |

* 1. **Review Patent Policy and Copyright policy and Participation Policies.**
     1. No issues noted.
  2. **Review Agenda:**
  3. <https://mentor.ieee.org/802.11/dcn/24/11-24-0627-02-000m-march-may-teleconference-agenda.docx>
     1. Proposed Agenda:

**The draft agenda for the teleconferences is below:**

1.       Call to order, attendance (<https://imat.ieee.org/attendance> ), and patent and copyright policy

a.       **Patent Policy: Ways to inform IEEE:**

1. Cause an LOA to be submitted to the IEEE-SA ([patcom@ieee.org](mailto:patcom@ieee.org)); or
2. Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
3. Speak up now and respond to this Call for Potentially Essential Patents

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

b. **Copyright Policy:**

i. By participating in this activity, you agree to comply with the IEEE Code of Ethics, all applicable laws, and all IEEE policies and procedures including, but not limited to, the IEEE SA Copyright Policy.

c.**Participation and policy related (including Patent and Copyright) slides: See slides 5-18 in** <https://mentor.ieee.org/802.11/dcn/24/11-24-0250-00-0000-2nd-vice-chair-report-march-2024.pptx>

d.**Agenda Approval**

2.       **Editor report** – Emily QI/Edward AU

3.       **Comment Resolution**

* + 1. CID 7028 (SEC) – doc 11-24/682 – Huang (Intel)
    2. CID 7050 (SEC) – doc 11-24/528 – Huang (Intel)
    3. CID 7157 (PHY) – Xin (Huawei)
    4. CID 7083, 7084 – Asterjadhi (Qualcomm)
    5. CID 7001 – doc 11-24/732 – Adachi (Toshiba) (someone to present on Tomo’s behalf)
    6. CID 7077 – Hamilton (Ruckus/Commscope)
    7. CID 7224, 7151, 7078(tentatively) – doc 11-21/727 – Rison (Samsung)

4.       **AOB**

5. **Adjourn**

* + 1. No objection to approving the agenda.
  1. **Editor report** – Emily QI/Edward AU
     1. No report
  2. **Review doc 11-24/0682r2** – Po-Kai Huang (Intel)

<https://mentor.ieee.org/802.11/dcn/24/11-24-0682-02-000m-cr-for-cid-7028.docx>

* + 1. CID 7028 (SEC)
       1. Review comment
       2. Revised: Incorporate the changes in: <https://mentor.ieee.org/802.11/dcn/24/11-24-0682-02-000m-cr-for-cid-7028.docx>
       3. No objection – Mark Ready for Motion
  1. **Review doc 11-24/0528r9** – Po-Kai Huang (Intel)

<https://mentor.ieee.org/802.11/dcn/24/11-24-0528-09-000m-cr-for-miscellaneous-cids.docx>

* + 1. CID 7050 (SEC)
       1. Review comment
       2. Revised: Incorporate the changes in: <https://mentor.ieee.org/802.11/dcn/24/11-24-0682-02-000m-cr-for-cid-7028.docx>
       3. No objection – Mark Ready for Motion
  1. **Review doc 11-24/0732r0**

<https://mentor.ieee.org/802.11/dcn/24/11-24-0732-00-000m-resolution-for-cid-7001.docx>

* + 1. CID 7001 (MAC)
       1. Bring back at the May interim.
  1. **Review doc 11-24/0747r0 – Mark Hamilton (CommScope/Ruckus)**

<https://mentor.ieee.org/802.11/dcn/24/11-24-0747-00-000m-resolution-of-cid-7077.docx>

* + 1. CID 7077 (MAC)
       1. Review Comment
       2. Q: Will these two clauses be merged together?
       3. A: Yes, probably.
       4. Q: Does EDMG send DMG beacons?
       5. A: Yes.
       6. C: I would prefer that the STAs receive frames.
       7. C: Yes, although that’s the style in the baseline.
       8. C: There may be a similar paragraph in the 11bd amendment.
       9. Revised: Incorporate the changes in: <https://mentor.ieee.org/802.11/dcn/24/11-24-0747-01-000m-resolution-of-cid-7077.docx>
       10. No objection – Mark Ready for Motion
  1. **Review doc 11-24/0705r1 – Alfred Asterjadhi (Qualcomm)**

<https://mentor.ieee.org/802.11/dcn/24/11-24-0705-02-000m-cr-for-assigned-cid-on-twt.docx>

* + 1. CIDs 7083 and 7084 (MAC):
       1. Review Comments
       2. This submission covers varies changes regarding TWT.
       3. REVISED (MAC: 2024-04-17 17:15:30Z):  
          Agree in principle with the comment. Proposed resolution clarifies the wording on the AP side behavior and addresses the ambiguity at the STA side by adding a note and declarative descriptions regarding how to obtain the subsequent TWTs based on the TWT and TWT wake interval fields.  
          Went over STACK,  TACK, TSPEC, and TWT INFORMATION frames and add a similar note wherever applicable. This is aligned with the proposal in 11-23/2155r1, which was also discussed.  
          TGme editor: Incorporate the changes as shown in <https://mentor.ieee.org/802.11/dcn/24/11-24-0705-02-000m-cr-for-assigned-cid-on-twt.docx> under all headings that include CID 7083 and CID 7084.
       4. No objection – Mark Ready for Motion
  1. **Review doc 11-24-0702r2** – Mark RISON (Samsung)

<https://mentor.ieee.org/802.11/dcn/24/11-24-0702-02-000m-resolutions-for-some-comments-on-11me-d5-0-sa2.docx>

* + 1. CID 7224 (MAC):
       1. Review Comment.
       2. Various editor updates were covered.
       3. C: The last change is related to WUR.
       4. REVISED (MAC: 2024-04-29 14:51:14Z): Incorporate the changes in <https://mentor.ieee.org/802.11/dcn/24/11-24-0702-03-000m-resolutions-for-some-comments-on-11me-d5-0-sa2.docx>, for CID 7224.
       5. No objection – Mark Ready for Motion
    2. CID 7151 (MAC):
       1. Review Comment.
       2. Q: For the short SSID, there are 7 instances. Did you catch them all, including some figures?
       3. A: Yes.
       4. Q: I don’t like the text about the transmission of the highest-order term.
       5. A: Yes, I can understand that. I will make it clearer.
       6. REVISED (MAC: 2024-04-29 14:58:24Z): Incorporate the changes in <https://mentor.ieee.org/802.11/dcn/24/11-24-0702-03-000m-resolutions-for-some-comments-on-11me-d5-0-sa2.docx>, for CID 7151.
       7. No objection – Mark Ready for Motion
    3. CID 7208 (PHY):
       1. Review Comment.
       2. REVISED (MAC: 2024-04-29 14:58:24Z): Incorporate the changes in <https://mentor.ieee.org/802.11/dcn/24/11-24-0702-03-000m-resolutions-for-some-comments-on-11me-d5-0-sa2.docx>, for CID 7208.
       3. No objection – Mark Ready for Motion
    4. CID 7078 (SEC):
       1. Review Comment.
       2. REVISED  
          At 3069.1 change “An unprotected  
          individually addressed robust Action frame” to “An unprotected individually  
          addressed robust Action or robust Action No Ack frame”.
       3. No objection – Mark Ready for Motion
    5. CID 7213 (MAC):
       1. Review Comment.
       2. REVISED (MAC: 2024-04-18 20:38:42Z): Incorporate the changes in  [https://mentor.ieee.org/802.11/dcn/24/11-24-0702-03-000m-resolutions-for-some-comments-on-11me-d5-0-sa2.docx for CID 7213](https://mentor.ieee.org/802.11/dcn/24/11-24-0702-03-000m-resolutions-for-some-comments-on-11me-d5-0-sa2.docx%20for%20CID%207213).
       3. No objection – Mark Ready for Motion
       4. Note that CID 7213 (MAC) is already Ready for motion, for next week (May 6), but this will change that resolution. It will be pulled from the motion next week, and added to a motion during the May session.
  1. **Review doc 11-23-0772r5** – Yan Xin (Huawei)

<https://mentor.ieee.org/802.11/dcn/24/11-24-0746-00-000m-cr-for-cid-7157.docx>

* + 1. CIDs 7157 (PHY)
       1. Review Comment.
       2. Revised: Agree with the commenter on the proposed changes of the incorrect subcarrier indices.  
          In addition, this resolution further suggests to correct the range of averaging subcarrier indices for calculation of E\_avg for 1080 MHz channel.  
          TGm editor: Incorporate the changes in <https://mentor.ieee.org/802.11/dcn/24/11-24-0746-00-000m-cr-for-cid-7157.docx>.
       3. No objection – Mark Ready for Motion
  1. **AoB**
     1. **IETF Liaison**
     2. OWE is now defined in REVme D5.0 and therefore IETF RFC 8110 is redundant. The IETF would like a liaison from IEEE 802.11, explaining that OWE will be supported by 802.11 going forward.
     3. The intention is to bring a draft liaison to the IETF, during a WG plenary meeting at the May 2024 interim and discuss it there, as opposed to discussing it within TGme.
     4. No questions.
  2. **Adjourned at 11:24am ET.**

**References:**

* 1. <https://mentor.ieee.org/802.11/dcn/24/11-24-0627-02-000m-march-may-teleconference-agenda.docx>
  2. <https://mentor.ieee.org/802.11/dcn/24/11-24-0682-02-000m-cr-for-cid-7028.docx>
  3. <https://mentor.ieee.org/802.11/dcn/24/11-24-0528-09-000m-cr-for-miscellaneous-cids.docx>
  4. <https://mentor.ieee.org/802.11/dcn/24/11-24-0732-00-000m-resolution-for-cid-7001.docx>
  5. <https://mentor.ieee.org/802.11/dcn/24/11-24-0747-00-000m-resolution-of-cid-7077.docx>
  6. <https://mentor.ieee.org/802.11/dcn/24/11-24-0705-02-000m-cr-for-assigned-cid-on-twt.docx>
  7. <https://mentor.ieee.org/802.11/dcn/24/11-24-0702-03-000m-resolutions-for-some-comments-on-11me-d5-0-sa2.docx>
  8. <https://mentor.ieee.org/802.11/dcn/24/11-24-0746-00-000m-cr-for-cid-7157.docx>