IEEE P802.11  
Wireless LANs

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| Minutes for REVme Telecon March 25, 2024 | | | | |
| Date: 2024-03-25 | | | | |
| Author(s): | | | | |
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Abstract

Minutes for the TGme (REVme) Teleconference on March 25th, 2024

1. **TGme (REVme) Telecon –Monday, March 25, 2024, at 10:00-12:00 ET**
   1. **Called to order** 10:08am 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**:**

|  |  |  |
| --- | --- | --- |
|  | **Name** | **Affiliation** |
| 1 | Coffey, John | Realtek Semiconductor Corp. |
| 2 | Halasz, David | Morse Micro |
| 3 | Hamilton, Mark | Ruckus/CommScope |
| 4 | Hasabelnaby, Mahmoud | Huawei Technologies Canada; Huawei Technologies Co., Ltd |
| 5 | Levy, Joseph | InterDigital, Inc. |
| 6 | McCann, Stephen | Huawei Technologies Co., Ltd |
| 7 | Montemurro, Michael | Huawei Technologies Co., Ltd |
| 8 | Patwardhan, Gaurav | Hewlett Packard Enterprise |
| 9 | Petrick, Albert | Jones-Petrick and Associates, LLC. |
| 10 | Ptasinski, Henry | Element78 Communications LLC |
| 11 | RISON, Mark | Samsung Cambridge Solution Centre |
| 12 | Rosdahl, Jon | Qualcomm Technologies, Inc. |
| 13 | Smith, Graham | SR Technologies |
| 14 | Wei, Dong | NXP Semiconductors |

* 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/24/11-24-0627-00-000m-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 9-20 in** [https://mentor.ieee.org/802.11/dcn/22/11-22-2139-00-0000-2nd-vice-chair-report-March-2023.pptx](https://mentor.ieee.org/802.11/dcn/22/11-22-2139-00-0000-2nd-vice-chair-report-january-2023.pptx)

d.**Agenda Approval**

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

3.       **Comment Resolution**

* + 1. MAC Review comments
    2. MAC Discuss comments
    3. PHY Discuss comments (time permitting)

4.       **AOB**

5. **Adjourn**

* + 1. No objection to approving the agenda.
  1. **Figure 10-1** **– PCF problem**
     1. The issue is to remove PCF from the box on the top right hand side. Since PCF has been deprecated from the standard, it should be updated.
     2. Chair: I can create a motion, for the next meeting, that explains where the specific changes need to be made.
     3. C: I would just remove “PCF” from this figure and not worry about other PCF related items in the draft.
  2. **Editor report** – Emily QI/Edward AU
     1. Nothing today.
  3. **Review MAC comments** – Mark Hamilton (Ruckus-Commscope)
     1. Presented from the database
     2. CID 7172 (MAC)
        1. Review comment.
        2. C: This comment seems to be a rather strange description.
        3. C: There is another item in the draft that needs changing.
        4. REVISED (MAC: 2024-03-25 14:20:17Z): Make the changes as requested, and also at 1851.30 for the usage of "A2".
        5. No objection – Mark Ready for Motion
     3. CID 7073 (MAC)
        1. Review comment.
        2. C: I checked IEEE 1609 and it is not referenced there.
        3. C: Although, I think this was originally requested by IEEE 1609.
        4. C: Additionally, this sentence seems to be in a strange place.
        5. C: There’s also a place in the PICs (B.4.38.3, P5247.11) that needs fixing.
        6. C: Change the PICs reference to reserved.
        7. Chair: Look at P1874L50.
        8. REVISED (MAC: 2024-03-25 14:30:56Z): Delete the sentence at 1874.49.  Change NGVE1.1 to reserved in Annex B (at 5247.11).
        9. No objection – Mark Ready for Motion
     4. CID 7137 (MAC)
        1. Review comment.
        2. C: I think this CID is fine, but the references in the resolution don’t appear to be correct.
        3. The resolution needs some more work.
        4. More work required. Assign to Joe Levy. Schedule for TGme adhoc
     5. CID 7143 (MAC)
        1. Review comment.
        2. C: I’m not sure about the “insufficient resources”. Therefore perhaps we should use the word “may” in this sentence.
        3. C: Or delete the sentence.
        4. REVISED (MAC: 2024-03-25 14:38:17Z): Delete the sentence (at 1978.8): "When there are insufficient resources in a STA, the STA  
           arbitrarily discards frames in order to recover from the lack of resources."  At 1978.13 change "the arbitrary discard strategy" to "an arbitrary discard strategy".
        5. No objection – Mark Ready for Motion
     6. CID 7074 (MAC)
        1. Review comment.
        2. C: I think of all these items have been fixed.
        3. C: No, there’s still a reference to 6.5.6 on page 1991 and 11 of them in total.
        4. REVISED (MAC: 2024-03-25 14:49:04Z): At 1991.1, change "PHY-TXTIME.confirm primitive defined in 6.5.6" to "PLME-TXTIME.confirm primitive defined in 6.7.6"  
             
           Also, globally (x11) change "PHY-TXTIME" to "PLME-TXTIME" (locations: p. 571, 1990 (7x), 1991, 2357, 2361)
        5. No objection – Mark Ready for Motion
     7. CID 7091 (MAC)
        1. Review comment.
        2. C: The transmission time can be longer than the TXOP in this case.
        3. C: This means the rules about the TXOP limits are not going to be useful. I don’t think we should make the change.
        4. C: Another option is to fragment the frame, rather than relaxing the TXOP limit rule.
        5. C: The options seem to imply that you can transmit beyond the TXOP limit.
        6. C: I think it’s the bullets starting “Initial transmission”, which are the issue.
        7. C: If a STA increases it’s MCS to fit the packet in, it may be ok. However, it’s not very efficient.
        8. The commenter will provide some more work.
        9. More work required. Assigned to Reza Hedayat. Schedule for the TGme ad-hoc.
     8. CID 7155 (MAC)
        1. Review comment.
        2. C: It’s not very clear as to what the BlockAck is referring to. If the BlockAck is not being used, what happens next?
        3. C: The BlockAck means that data frames are being exchanged between 2 STAs.
        4. C: This is per each BlockAck’s TIDs (e.g. TID 7).
        5. C: I think it is restricted to data frames (for A-MPDUs).
        6. Accepted.
        7. No objection – Mark Ready for Motion
     9. CID 7148 (MAC)
        1. Review comment.
        2. C: The comment implies that is it a static variable and acts independently.
        3. Accepted.
        4. No objection – Mark Ready for Motion.
     10. CID 7144 (MAC)
         1. Review comment.
         2. Look at P2153.33.
         3. C: This is possibly related to CID 3683.
         4. No objection – Mark Ready for Motion.
     11. CID 7180 (MAC)
         1. Review comment.
         2. Accepted.
         3. No objection – Mark Ready for Motion.
     12. CID 7229 (MAC)
         1. Review comment.
         2. C: The transmission of page slices can span various DTIMs.
         3. REVISED (MAC: 2024-03-25 15:20:31Z): At 1330.59, replace "number of beacon intervals between successive beacons that carry the Page Slice element for the associated page." with "page period (see 10.50)."
         4. No objection – Mark Ready for Motion.
     13. CID 7230 (MAC)
         1. Review comment.
         2. Accepted.
         3. No objection – Mark Ready for Motion.
     14. CID 7145 (MAC)
         1. Review comment.
         2. C: Some of the earlier sentences are also using non-normative phrases.
         3. Accepted.
         4. No objection – Mark Ready for Motion.
     15. CID 7097 (MAC)
         1. Review comment.
         2. C: It appears that the comment is ok.
         3. Straw Poll:
         4. Do you agree to “Accept” the CID 7097?
         5. Yes: 1, No: 5, Abstain: 3
         6. REJECTED (MAC: 2024-03-25 15:38:10Z): This is an important part of the mechanism, and is better to be stated outside the NOTE.
         7. No objection – Mark Ready for Motion.
     16. CID 7053 (MAC)
         1. Review comment.
         2. More work required. Assigned to Stephen McCann. Schedule for the TGme ad-hoc.
     17. CID 7167 (MAC)
         1. Review comment.
         2. C: This seems ok.
         3. Accepted.
         4. No objection – Mark Ready for Motion.
     18. CID 7055 (MAC)
         1. Review comment.
         2. C: This seems ok.
         3. Accepted.
         4. No objection – Mark Ready for Motion.
     19. CID 7197 (MAC)
         1. Review comment.
         2. Accepted.
         3. No objection – Mark Ready for Motion.
     20. CID 7146 (MAC)
         1. Review comment.
         2. More work required. Assigned to Joseph Levy. Schedule for the TGme ad-hoc.
  4. **AoB**
     1. The next meeting will be on April 16th, 2024.
  5. **Adjourned at 11:58am ET.**