IEEE P802.11  
Wireless LANs

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| Telecon Minutes for REVme - May 24 | | | | |
| Date: 2021-05-24 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
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|  |  |  |  |  |

Abstract

802.11me – REVme Telecon Minutes May 24, 2021:

R1: updates attendance record.

Action Items:

* + - 1. ACTION ITEM #1: Youhan KIM – Check whether the VHT PHY is required to have an RCPI.
      2. ACTION ITEM #2: Jon Rosdahl will check with Jouni MALINEN and Dan HARKINS, to confirm change from dropped to discard.
      3. ACTION ITEM #3: Jon ROSDAHL: Send proposed resolutions to the reflector.
      4. ACTION ITEM #4: Emily (Editor): Will bring to Working Group editor to ask for their input on CID 372: Change "...transmitter address field..." to "...transmitter address (TA) field…" or "...TA field…" or something else.
      5. ACTION ITEM #5: Jon, to post to the reflector the proposed solutions and solicit feedback on CID 249.

1. **TGme (REVme) Telecon Monday May 24th, 2021 at 10-12:00 ET**
   1. Called to Order at 10:04am ET by the TGme chair, Michael Montemurro (Huawei)
   2. Attendance:
      1. IMAT Reported:

|  |  |  |
| --- | --- | --- |
|  | Name | Affiliation |
| 1 | Coffey, John | Realtek Semiconductor Corp. |
| 2 | Dong, Xiandong | Xiaomi Inc. |
| 3 | Hamilton, Mark | Ruckus/CommScope |
| 4 | Henry, Jerome | Cisco Systems, Inc. |
| 5 | Kim, Youhan | Qualcomm Incorporated |
| 6 | Kwon, Young Hoon | NXP Semiconductors |
| 7 | Levy, Joseph | InterDigital, Inc. |
| 8 | McCann, Stephen | Huawei Technologies Co., Ltd |
| 9 | Montemurro, Michael | Huawei Technologies Co., Ltd |
| 10 | NANDAGOPALAN, SAI SHANKAR | Infineon Technologies |
| 11 | Petrick, Albert | Jones-Petrick and Associates, LLC. |
| 12 | RISON, Mark | Samsung Cambridge Solution Centre |
| 13 | Rosdahl, Jon | Qualcomm Technologies, Inc. |
| 14 | Smith, Graham | SR Technologies |
| 15 | Torab Jahromi, Payam | Facebook |
| 16 | Venkatesan, Ganesh | Intel Corporation |
| 17 | YANG, RUI | InterDigital, Inc. |

* + 1. Additional Attendees from Webex report (more than 60 minutes):

1. [V] BO SUN – ZTE
2. [NV] Mathy Vanhoef, NYUAD
3. [V] Sai (Cypress/Infineon)
4. [V] Emily Qi (Intel)
5. [V] Ming Gan Huawei
   1. Review Patent Policy
      1. No issues noted.
   2. Review Agenda doc - 11-21/883r1:
      1. <https://mentor.ieee.org/802.11/dcn/21/11-21-0883-01-000m-may-july-teleconference-agenda.docx>
      2. Draft Agenda:

1.       Call to order, attendance (<https://imat.ieee.org/attendance> ), and patent 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.      Patent, Participation and policy related slides: See slides 4-19 in <https://mentor.ieee.org/802.11/dcn/21/11-21-0182-00-0000-2nd-vice-chair-report-march-2021.pptx>

2.       Editor report – Emily QI/Edward AU –

3.       Comment resolution and motions

1. **Monday May 24, 2021 – 10am – noon Eastern**
   1. Issues
      1. Discussion on when to schedule motions.
   2. Comment resolution
      1. Document 11-21/790 – Youhan Kim (Qualcomm) – 6 GHz CIDs
      2. PHY CIDs – Mark (Samsung) – (30 min)
      3. Document 11-21/809 – Nehru Bhandaru (Broadcom) – Security CIDs
      4. Document 11-21/688 - Ganesh Venkatesan (Intel) – CIDs
      5. Documents 11-21/730, 11-21/803 – Edward (Huawei) – Editor2 CIDs
2. **Monday June 7, 2021 – 10am – noon Eastern**
   1. Issues
      1. None
   2. Comment resolution
      1. HS 2.0 ANQP communication – Document 11-21/879 – Stephen (Huawei)
      2. Document 11-21/769 – Emily (Intel) – Editor CIDs
      3. GEN CIDs “ready for review” TAB – Jon (Qualcomm)
      4. Documents 11-21/730, 11-21/803 – Edward (Huawei) – Editor2 CIDs
3. **Monday June 14, 2021 – 10am – noon Eastern** 
   1. Issues
      1. None
   2. Comment resolution
      1. Document 11-21/762 – Mike (Huawei) – security CIDs
      2. Document 11-21/871 – Dan (HPE) – Rejected Groups in SAE
      3. Document 11-21/822 – Youhan (Qualcomm) – CC35 Delta SNR Comments
      4. Document 11-21/823 – Youhan (Qualcomm) – CC35 PHY Comments
4. **Monday June 21, 2021 – 10am – noon Eastern** 
   1. Issues
      1. <>
   2. Comment resolution
      1. <>

4.       AOB

5. Adjourn

* + 1. Add to the GEN AdHoc Agenda item on Jun 7th Telecon, the Discuss required CIDS.
    2. No objection to the updated Agenda.
  1. **Editor Report**
     1. All the approved CIDs have been incorporated.
     2. The Roll-in of 11ax is started.
     3. Hope to have updated draft ready by the July Meeting.
  2. **Review Document 11-21/790r1** – 6 GHz CIDs – Youhan KIM (Qualcomm)

* + 1. <https://mentor.ieee.org/802.11/dcn/21/11-21-0790-05-000m-revme-cc35-6ghz-comments.docx>
    2. Review Changes since the last review during the interim session.
    3. CIDs 596 (MAC), 598 (GEN), 599 (GEN), 600 (GEN)
       1. Discussion on the changes.
       2. Indoor definitions and the distinction of requirements.
       3. Don’t add text that would imply you can operate outdoors with an indoor device.
       4. Concern on AFC being called out where it is not allowed in Europe.
       5. Editorial changes were discussed.
       6. Discussion on running a Motion in a future telecon prior to July?
          1. It is possible.
       7. Proposed Resolution CIDs 596(MAC), 598 (GEN), 599 (GEN), 600 (GEN): REVISED; Incorporate the changes shown in doc 11-21/0790r6 <<https://mentor.ieee.org/802.11/dcn/21/11-21-0790-06-000m-revme-cc35-6ghz-comments.docx>>, which make changes as requested.
       8. Term usage for AFC seems consistently in regulatory bodies.
       9. Will schedule a motion for June 14th and make this a separate motion.
       10. Straw Poll:
           1. Which Name do you prefer?

A. Standard Power AP

B. Externally enabled AP

C. Abstain

* + - * 1. Results: 5-3-3 (5 did not vote).
      1. Mark Ready for Motion
  1. **Review PHY CIDs** – Mark (Samsung) – (30 min)
     1. CID 20 (PHY)
        1. Review Comment
        2. Review context at 3167.55
        3. Assign to Youhan KIM
     2. CID 98 (PHY)
        1. Review Comment
        2. Discussion with commenter and understanding what was intended.
        3. Change status to Submission Required.
        4. Assign to Sean COFFEY
     3. CID 18 and 19 (PHY)
        1. Change status to Submission Required.
        2. Assign to Brian HART
     4. CID 21 (PHY)
        1. A lot of work has been done on the use of “connector”. Some concern on having to discuss this yet again.
        2. Concern that this concept was rejected in the past, and not wanting to do a lot of work just to have it rejected again.
        3. Change status to Submission Required.
        4. Assign to Sean COFFEY
        5. Please propose the resolution in a future telecon.
     5. CID 42 (PHY)
        1. Change status to Submission Required.
        2. Assign to David GOODALL
     6. CID 259 (PHY)
        1. Review comment
        2. No objection to the direction, but a submission would be needed.
        3. There may be no requirement for VHT
        4. Assign to Mark RISON
        5. ACTION ITEM #1: Youhan KIM – Check whether the VHT PHY is required to have an RCPI.
     7. CID 267 (PHY)
        1. Review comment
        2. No objection to the direction, but a submission would be needed.
        3. Assign to Mark RISON
  2. **Review Document 11-21/688** – CIDs - Ganesh Venkatesan (Intel)
     1. <https://mentor.ieee.org/802.11/dcn/21/11-21-0688-08-000m-resolutions-to-a-set-of-comments-related-to-stream-classification-service-scs.docx>
     2. CID 583 (MAC)
        1. Review comment
        2. Discussion on the proposed changes and the TCLAS usage.
        3. Proposed Resolution: CID 583 (MAC): REVISED (MAC: 2021-05-24 15:06:07Z): Incorporate the changes shown in doc 11-21/688r8 <<https://mentor.ieee.org/802.11/dcn/21/11-21-0688-08-000m-resolutions-to-a-set-of-comments-related-to-stream-classification-service-scs.docx>> for CID 583.
        4. No objection – Mark Ready for Motion
     3. CID 584 (MAC)
        1. Review Comment
        2. Review Proposed changes.
        3. Previously marked ready for motion based on 11-21/688r2.
     4. Other CIDs marked ready for motion do not need to be reviewed.
     5. CID 586 (MAC)
        1. Review Comment
        2. Previously marked ready for motion based on 11-21/688r2.
        3. Updated Changes are included in 11-21/688r8.
        4. Editorial changes noted. – italic “(s)” was missed – Editor to correct.
        5. Updated Proposed resolution: CID 586 (MAC): REVISED (MAC: 2021-04-26 15:45:28Z): Make changes as shown in 11-21/0886r8 <<https://mentor.ieee.org/802.11/dcn/21/11-21-0688-08-000m-resolutions-to-a-set-of-comments-related-to-stream-classification-service-scs.docx>> for CID 586.
        6. No Objection – Mark Ready for Motion
     6. Request to have a motion on these resolutions on June 14th.
     7. Thanks for the reviewers.
  3. **GEN ad hoc Ready for review comments**: - Jon ROSDAHL (Qualcomm)
     1. CID 187 (GEN):
        1. Result is similar to CID 369, which changed silently drop to silently discard.
        2. Proposed Resolution: REVISED (GEN: 2021-05-24 15:19:54Z) In a protocol when a message is “silently dropped” it means it is discarded without an externally visible notification of dropping. At two locations: P2582.32, P2582.37, change "dropped" to "discard".
        3. Mark Ready for Motion
        4. ACTION ITEM #2: Jon Rosdahl will check with Jouni MALINEN and Dan HARKINS, to confirm change from dropped to discard.
     2. CID 229 (GEN):
        1. This is the same as CID 36.
        2. Emily confirmed that the intention for CID 36 is accepted. This is consistent.
        3. Proposed Resolution: Revised. Add PTID acronym in 3.4: "PTID partial TID (the 3 LSBs of a TID)"

Note to Editor - Same as CID 36.

* + - 1. No Objection – Mark Ready for Motion
    1. CID 36 (ED1):
       1. Agreed to Accepted, per discussion above.
       2. Proposed Resolution: Accept.
       3. No Objection – Mark Ready for Motion
    2. CID 562 (GEN):
       1. We have other links that pass through other types of components, like mesh, S1G relays, other relays, etc. Those are not “through an AP”, so are they direct links?
       2. Mesh links are not direct links, no, they are unique things.
       3. The comment is concerned with the phrase “is set up” in the current definition.
       4. This definition comes from 802.11e.
       5. Agreed that “direct link” is only for infrastructure QoS BSSs. So, this change looks okay.
       6. Proposed Resolution: GEN 562 - ACCEPTED (GEN: 2021-05-24 15:31:20Z)
       7. No Objection – Mark Ready for Motion
    3. CID 183 (GEN):
       1. See also CIDs 184 and 563.
       2. Presented two options. Second option does not include DMG case in the definition of peer-to-peer link.
       3. Request for more time to review.
       4. ACTION ITEM #3: Jon ROSDAHL: Send proposed resolutions to the reflector.
       5. Move 183, 194 and 563 to Comment “Group Definitions Clause 3” and mark as Discuss.
    4. CID 372 (GEN):
       1. Reviewed proposed resolution, to add “(TA)” after “transmitter address”.
       2. The field is just called “TA” field. We don’t need to expand the name.
       3. Straw Poll:

Proposed Resolution for CID 372

1. Change "...transmitter address field..." to "...transmitter address (TA) field…"
2. Change to "...transmitter address field..." to "...TA field…"
3. Abstain.
   * + 1. Results: 4-4-2 (8 no response)
       2. Consider rejecting? Disagree with rejecting, no one is speaking in favor of the existing text. Existing text says “transmitter address field” which is not a defined field.
       3. ACTION ITEM #4: Emily (Editor): Will bring to Working Group editor to ask for their input on CID 372: Change "...transmitter address field..." to "...transmitter address (TA) field…" or "...TA field…" or something else.
          1. If the editors agree to expand the terms (in field names, in the definitions), we should do that consistently throughout.
       4. (From Chat: Unexpanded terms in D0.0: HT Control, QoS Control field, Management MIC element, RDG/More PPDU subfield, EOF subfield, FILS Authentication frame, DMG Beacon frame, VHT Capabilities element)
       5. Will bring back.
       6. Move to Comment Group: “Definitions Clause 3” and Status = Discuss.
     1. CID 249 (GEN):
        1. Compared the proposed resolution to the commenter’s Proposed Change.
        2. Believe we need to fix “The received” to clarify the antecedent.
        3. And, we need to restrict this to Data frames.
        4. This is in the context that these clauses are how the MAC Service.indication is generated.
        5. This needs more review off-line.
        6. ACTION ITEM #5: Jon, to post to the reflector the proposed solutions and solicit feedback on CID 249.
        7. Don’t think we need to be specific in each statement, because that is the context of this subclause. Just be clear at the start of the subclause.
        8. Ran out of time.
   1. **Adjourned 12:01pm ET.**

**References:**

1. <https://mentor.ieee.org/802.11/dcn/21/11-21-0883-01-000m-may-july-teleconference-agenda.docx>
2. <https://mentor.ieee.org/802.11/dcn/21/11-21-0182-00-0000-2nd-vice-chair-report-march-2021.pptx>
3. <https://mentor.ieee.org/802.11/dcn/21/11-21-0790-05-000m-revme-cc35-6ghz-comments.docx>
4. <https://mentor.ieee.org/802.11/dcn/21/11-21-0790-06-000m-revme-cc35-6ghz-comments.docx>
5. <https://mentor.ieee.org/802.11/dcn/21/11-21-0688-08-000m-resolutions-to-a-set-of-comments-related-to-stream-classification-service-scs.docx>