IEEE P802.11  
Wireless LANs

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| Telecon Minutes for REVme - November Electronic Plenary | | | | |
| Date: 2021-11-11 | | | | |
| Author(s): | | | | |
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|  |  |  |  |  |

Abstract

This file has the Telecon Minutes for REVme during the 2021 November IEEE 802 Electronic Plenary.

R0: Nov 9 Telecon Minutes

R1: Nov 10 Telecon Minutes Added.

R2: Nov 11 Telecon Minutes added.

ACTION ITEMS:

1.8.11.9 ACTION ITEM #1: Stephen MCCAAN will send details of CID 359 (MAC) to the reflector for more offline discussion.

2.7.2.16 ACTION ITEM #2: Joseph Levey to update 11-21/1716r1 and post to mentor.

2.8.4.7 ACTION ITEM #3: Michael MONTEMURRO to contact Menzo WENTINK to review CID 253 resolution

* + 1. ACTION ITEM #4: Jerome HENRY to send email to the reflector to note withdrawal of CID 90. *(Note this action item has been completed).*
       1. ACTION ITEM #5: Brian HART to send email to the reflector to note withdrawal of CID 13.

3.11.3.4 ACTION ITEM #6: KAZ SAKODA to work with Mark RISON on list of editorial changes to 11-21/773r1 and produce 11-21/1773r2 for completing the resolution.

* + - 1. ACTION ITEM #7: Dave GOODALL to send email to the reflector to note withdrawal of CID 45.

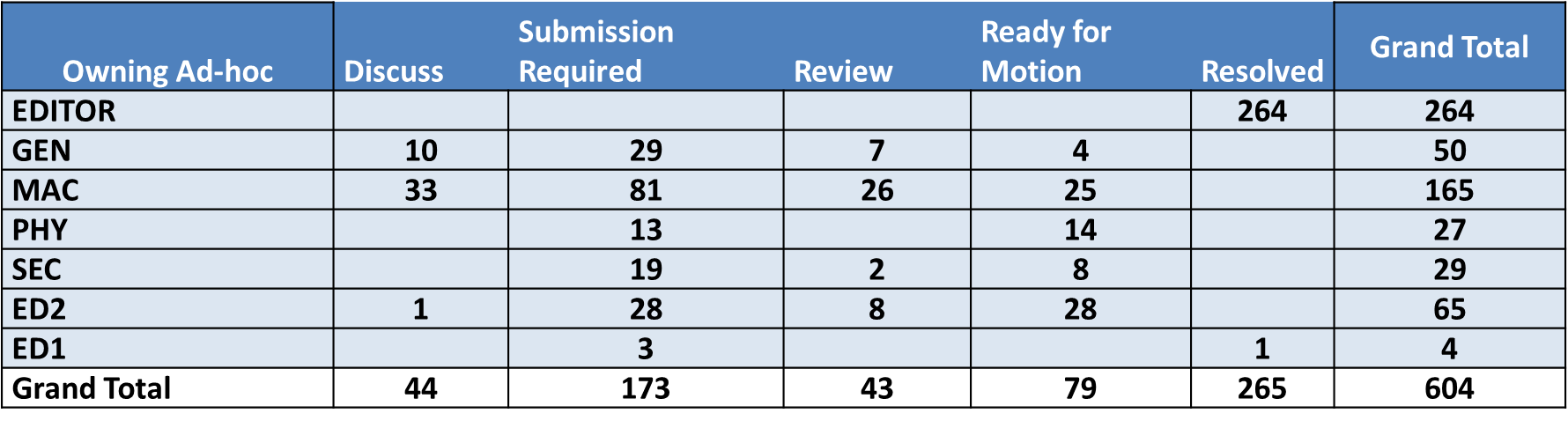
3.13.3.5 ACTION ITEM #8: Dave GOODALL to send email to the reflector to note withdrawal of CID 43.

1. **TGme (REVme) Telecon – 2021 November 802 Electronic Plenary – Tuesday 9 Nov 4-6pm ET.**
   1. **Called to order** 16:03am ET by the TG Chair, Michael MONTEMURRO (Huawei).
   2. **Introductions of Officers.**
      1. Vice Chair - Mark HAMILTON (Ruckus/CommScope)
      2. Vice Chair – Mark RISON (Samsung)
      3. Editor - Emily QI (Intel)
      4. Secretary - Jon ROSDAHL (Qualcomm)
   3. **Review Patent Policy, Copyright Policy and 802 Policies**
      1. No response to call for Patent.
      2. This Telecon is part of the 2021 November IEEE 802 Electronic Plenary and Registration is required.
   4. **Chair Statement** on goals and status of Task Group.
      1. Target to get the CC35 Comments resolved this session.
      2. Desire to work together to be ready for First WG LB out of this session.
   5. **Review today’s agenda – 11-21/1632r1**:
      1. <https://mentor.ieee.org/802.11/dcn/21/11-21-1632-01-000m-revme-agenda-november-2021-session.pptx>
      2. Draft Agenda:

Tuesday Nov 9, 4pm ET

* + 1. Chair’s Welcome, Policy & patent reminder
    2. Approve agenda
    3. 802.11ay Corrigendum PAR Review
    4. Editor Report
    5. Comment Resolution

1. MAC Comments – McCann (Huawei)
2. MAC Comments – Rison (Samsung)
   * 1. Recess
     2. Unanimous Approval for Proposed Agenda – No Objection.
   1. **802.11ay Corrigendum PAR Review** Jon ROSDAHL (Qualcomm)
      1. <https://mentor.ieee.org/802.11/dcn/21/11-21-1750-01-000m-par-corrigendum-1-correct-802-11ay-assignment-of-protected-announce-support-bit.docx>
      2. Review the changes from last Monday.
      3. No objection – Will motion on Monday Nov 15th for sending to WG.
   2. **Editor Report** – Emily QI (Intel)
      1. <https://mentor.ieee.org/802.11/dcn/21/11-21-0687-04-000m-802-11revme-editor-s-report.pptx>
      2. Reference Documents:
         1. **Draft: P802.11REVme D 0.4 (members’ area)**
            1. [Draft P802.11REVme\_D0.4.pdf](https://www.ieee802.org/11/private/Draft_Standards/11me/Draft%20P802.11REVme_D0.4.pdf)
            2. [Draft P802.11REVme\_D0.4 Redline Compared to D0.3.pdf](https://www.ieee802.org/11/private/Draft_Standards/11me/Draft%20P802.11REVme_D0.4%20Redline%20Compared%20to%20D0.3.pdf)
         2. **D0.4 Word docs and figures are also available (member’s area) for preparing submissions.**
            1. [REVme\_D0.4-Figure Source.zip](https://www.ieee802.org/11/private/Draft_Standards/11me/Figure%20Source-D0.4.zip)
            2. [REVme\_D0.4.rtf.zip](https://www.ieee802.org/11/private/Draft_Standards/11me/REVme_D0.4.rtf.zip)
         3. **CC35 Comments**
            1. <https://mentor.ieee.org/802.11/dcn/21/11-21-0684-09-000m-revme-wg-cc35-comments.xlsx>
      3. Amendment Roll-in
3. **802.11-2020 – Done, D0.0**
4. **802.11ax-2021 – Done, D0.1**
5. **802.11ay-2021 – by September 2021**
6. **802.11ba-2021 – by November 2021** 
   * 1. CC35 Comments – Resolution Status:



* + - 1. 79 CIDs currently ready for Motion
    1. Assignees:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Owning Ad-hoc** | **GEN** | **MAC** | **SEC** | **ED2** | **ED1** | **PHY** | **Grand Total** |
| Brian HART |  |  |  |  |  | 1 | 1 |
| Dan Harkins |  | 2 |  |  |  |  | 2 |
| Edward Au | 3 |  |  | 22 |  |  | 25 |
| Graham Smith | 3 |  |  |  |  |  | 3 |
| Jon Rosdahl | 10 |  |  |  |  |  | 10 |
| Mark HAMILTON | 1 | 14 | 1 |  |  | 1 | 17 |
| Mark RISON | 22 | 73 | 18 | 15 | 3 | 5 | 136 |
| Menzo WENTINK |  | 12 |  |  |  |  | 12 |
| Michael Montemurro |  |  | 1 |  |  |  | 1 |
| Stephen McCann |  | 16 |  |  |  |  | 16 |
| Youhan KIM |  | 2 |  |  |  |  | 2 |
| **Grand Total** | **39** | **119** | **20** | **37** | **3** | **7** | **225** |

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* 1. **Review doc 11-21/1637r4** - MAC CIDs – Stephen MCCAAN (Huawei)
     1. <https://mentor.ieee.org/802.11/dcn/21/11-21-1637-04-000m-proposed-comment-resolutions-for-mac-cids.docx>
     2. All references are against D0.0
     3. CID 524 (MAC)
        1. Review Comment
        2. Discussion on how subelements and elements are ordered.
        3. Proposed resolution: CID 524 (MAC): ACCEPTED (MAC: 2021-11-09 21:29:33Z)
        4. No objection – Mark Ready for Motion
     4. CID 147 (MAC)
        1. Review Comment
        2. Proposed resolution: CID 147 (MAC): ACCEPTED (MAC: 2021-11-09 21:33:20Z)
        3. No Objection – Mark Ready for Motion
     5. CID 148 (MAC)
        1. Review Comment
        2. Proposed Resolution: CID 148 (MAC): ACCEPTED (MAC: 2021-11-09 21:33:52Z)
        3. No Objection – Mark Ready for Motion
     6. CID 149 (MAC)
        1. Review Comment
        2. Proposed Resolution CID 149 (MAC): ACCEPTED (MAC: 2021-11-09 21:34:59Z)
        3. No Objection – Mark Ready for Motion
     7. CID 150 (MAC)
        1. Review Comment
        2. Discussion on if we need DMG STA or not.
        3. demonstrate that a CDMG STA is a DMG STA: "4.3.26 CDMG STAAn IEEE 802.11 CDMG STA is a DMG STA that supports CDMG operation in the Chinese 60 GHz frequency band and has dot11CDMGOptionImplemented equal to true. In addition to CDMG features, a CDMG STA supports DMG features as described in 4.3.22 (DMG STA)."
        4. Proposed Resolution: CID 150 (MAC): REVISED (MAC: 2021-11-09 21:36:53Z): Add "or CMMG STA" after "DMG STA".
        5. No Objection – Mark Ready for Motion
     8. CID 159 (MAC)
        1. Review comment
        2. Proposed Resolution: CID 159 (MAC): REVISED (MAC: 2021-11-09 21:38:51Z):

At P1802L60, change "has not failed" to "is considered to be a successful transmission".

At P1802L40 change "transmission failure" to "transmission success or failure".

* + - 1. No Objection – Mark Ready for Motion
    1. CID 136 (MAC)
       1. Review comment
       2. Proposed Resolution: CID 136 (MAC): ACCEPTED (MAC: 2021-11-09 21:41:12Z)
       3. No Objection – Mark Ready for Motion
    2. CID 138 (MAC)
       1. Review comment
       2. Discussion on if present vs optionally present.
       3. Suggested wording: “is present if dot11WNM is true and the BSS max idle period is nonzero, or optionally present if dot11S1G is true
       4. Proposed Resolution: CID 138 (MAC): REVISED (MAC: 2021-11-09 21:48:56Z) - Change "is present if dot11WirelessManagementImplemented is true" (the first occurrence in the paragraph) to "is present if dot11WirelessManagementImplemented is true and the BSS max idle period is nonzero,"
       5. No Objection – Mark Ready for Motion
    3. CID 359 (MAC)
       1. Review comment
       2. Review context on p774.33.
       3. Discussion on if “natural binary” has a meaning or not.
       4. Straw Poll:

Which do you support?

a) Delete the sentence

b) Delete the word Natural

c) Reject the comment

d) Abstain

* + - * 1. Results: 3-14-12-13 no answer = 64
      1. Suggestion to Delete the word “Natural”.
         1. There was an objection to delete the word, and to reject the CID.
      2. Discussion on if we need the “binary” assertion and if we need “Natural” or not.
      3. Discussion on possible Rejection.
      4. This sentence has existed since 802.11-1997.
      5. ACTION ITEM #1: Stephen MCCAAN will send details of CID 359 (MAC) to the reflector for more offline discussion.
      6. Will be a separate item on Monday’s Agenda.
      7. CID 359 (MAC): No consensus could be found. Will continue working and try to bring back.
    1. CID 366 (MAC)
       1. Review Comment
       2. Discussion on if the field holds a number or string.
       3. Review context on P1475.62
       4. Discussion on use of the values and if it is “USD” or 840.
       5. Discussion of ISO 4217 description of the 3-octect string.
       6. Discussion in chat window: options are:

1. receiver only needs to understand alphabetic,
2. receiver only needs to understand numeric,
3. receiver needs to understand both
   * + 1. Currency codes are defined by ISO 4217 and can be either numeric (3.g. “840”) or alphabetic (e.g. “USD”). Therefore, the phrase “Alphabetic or numeric” may be more appropriate.
       2. The currency code field is a 3-octet as defined in ISO 4217.
       3. "ASCII string" is a defined term:

"An ASCII or UTF-8 string is a sequence of ASCII or UTF-8 encoded code points, respectively, without a terminating null."

* + - 1. Proposed Resolution: CID 366 (MAC): REVISED (MAC: 2021-11-09 22:18:18Z): Change the cited sentence to: "The Currency Code field is a 3-octet ASCII string representing an ISO 4217 currency alphabetic or numeric code (e.g., "USD")."
      2. No Objection – Mark Ready for Motion
    1. CID 439 (MAC)
       1. Review Comment
       2. Review context at 2120.55
       3. Review proposed changes.
       4. Discussion on if the full change is needed.
       5. Suggestion to reject the CID as it is clear.
       6. Proposed Resolution: REVISED (MAC: 2021-11-09 22:22:37Z): Replace "STAs" with "Non-AP STAs that are not in a PBSS" in the cited sentence. Change "In a PBSS, STAs" to "Non-AP STAs in a PBSS" in the second location.
       7. No Objection – Mark Ready for Motion
    2. CID 429 (MAC)
       1. Review comment
       2. Proposed Resolution: CID 429 (MAC): ACCEPTED (MAC: 2021-11-09 22:27:00Z)
       3. No Objection – Mark Ready for Motion
    3. CID 434 (MAC)
       1. Review comment
       2. Proposed Resolution CID 434 (MAC): REVISED (MAC: 2021-11-09 22:27:45Z): At P2294L45, change “multicast group address" to "multicast-group address".

At P3996L27 and P4010L62, change “Multicast Group address indicates the MAC address of the multicast group" to "Indicates the multicast-group address of the multicast group”.

* + - 1. No Objection – Mark Ready for Motion
    1. CID 374 (MAC)
       1. Review comment
       2. Proposed Resolution: CID 374 (MAC): ACCEPTED (MAC: 2021-11-09 22:29:11Z)
       3. No Objection – Mark Ready for Motion
    2. CID 572 (MAC)
       1. Review Comment
          1. Proposed Resolution: CID 572 (MAC): ACCEPTED (MAC: 2021-11-09 22:31:45Z)
          2. No Objection – Mark Ready for Motion
    3. CID 591 (MAC)
       1. Review Comment
       2. Proposed Resolution: CID 591 (MAC): REJECTED (MAC: 2021-11-09 22:32:28Z): The comment fails to identify changes in sufficient detail so that the specific wording of the changes that will satisfy the commenter can be determined.
       3. Move to insufficient details tab to keep rejections of this type separate from the others.
       4. No Objection – Mark Ready for Motion
  1. **Review doc 11-21/0829r7** - MAC Comments – Mark RISON (Samsung)
     1. <https://mentor.ieee.org/802.11/dcn/21/11-21-0829-07-000m-resolutions-for-some-comments-on-11me-d0-0-cc35.docx>
     2. CID 114 (MAC)
        1. Review Comment
        2. Review the proposed resolution.
        3. Discussion on why “one or more” is appropriate.
        4. Proposed Resolution: CID 114 (MAC): REVISED (MAC: 2021-11-09 22:36:06Z): In the referenced subclause, replace:

“The transmission process is started by the MAC’s receipt of an MA-UNITDATA.request primitive containing an MSDU and the associated parameters. This might cause one or more Data frames containing the MSDU to be transmitted following A-MSDU aggregation, fragmentation, and security encapsulation, as appropriate.

The MAC generates the MA-UNITDATA.indication primitive in response to one or more received Data frames containing an MSDU following validation, address filtering, decryption, decapsulation, defragmentation, and A-MSDU deaggregation, as appropriate”

with:

“The transmission process is started by the MAC’s receipt of one or more MA-UNITDATA.request primitives, each containing an MSDU and its associated parameters. This might cause one or more Data frames, containing the MSDU(s), to be transmitted.

The reception process is started by the MAC’s receipt of one or more Data frames containing one or more MSDUs. This might cause one or more MA-UNITDATA.indication primitives, each containing an MSDU and its associated parameters, to be issued.”

* + - 1. No Objection – Mark Ready for Motion
    1. CID 170 and 172 (MAC)
       1. Review Comments
       2. Review submission discussion.
       3. Proposed Resolution: CID 170 (MAC): ACCEPTED (MAC: 2021-11-09 22:41:36Z)
       4. Proposed Resolution: CID 172 (MAC): REVISED (MAC: 2021-11-09 22:41:51Z): Make the change proposed by the commenter and additionally in 11.2.7.2.2 and 11.2.7.3.2 change "that contain a BU or are QoS Null frame" to "that are acknowledged by the AP".
       5. No Objection – Mark both CIDs Ready for Motion
    2. CID 231 (MAC)
       1. Review Comment
       2. Review submission discussion.
       3. Review how the 11ay changes were duplicative of changes made by 11ax.
       4. Proposed Resolution: CID 231 (MAC): REVISED (MAC: 2021-11-09 22:47:32Z): In D0.4 Subclause 11.2.6 after “while the EDMG STA enables its multiple receive chains only when the frame it receives indicates that the following transmission requires the activation of multiple receive chains” append “ (see 10.39.12.4 (MIMO channel access)”, and change:

“The (11ay)HT STA may switch back to the single receive chain mode immediately after the end of the frame exchange sequence.(11ax)(11ay) The EDMG STA switches to the multiple receive chain mode when it receives a frame addressed to it and the frame indicates the following transmission requires multiple receive chains (see 10.39.12.4 (MIMO channel access)); the EDMG STA switches back immediately when the frame exchange sequence ends.”

to:

“The STA may switch back to the single receive chain mode immediately after the end of the frame exchange sequence.”.

* + - 1. No Objection – Mark Ready for motion
    1. CID 263 (MAC)
       1. Review Comment
       2. Review submission discussion.
       3. Proposed Resolution: CID 263 (MAC): REVISED (MAC: 2021-11-09 22:48:50Z): Change the cited NOTE to “NOTE 2—AC\_VO might be selected prior to completion of the (re)association procedure, to assist timely discovery of and joining a BSS.”
       4. No Objection – Mark Ready for Motion
    2. CID 270 (MAC)
       1. Review Comment
       2. Review submission discussion.
       3. Review proposed changes
       4. Discussion on change for 10.25.8.4.
       5. This is in the context is all A-MSDU, so we should not change to MSDU.
       6. Proposed Resolution: CID 270 (MAC): REVISED (MAC: 2021-11-09 22:58:09Z): Incorporate the changes as shown in 11-21/829r7 <<https://mentor.ieee.org/802.11/dcn/21/11-21-0829-07-000m-resolutions-for-some-comments-on-11me-d0-0-cc35.docx>> for CID 270, which make the proposed changes except saying "A-MSDU" in 10.25.8.4, instead of "MSDU".
       7. No Objection – Mark Ready for Motion.
  1. **Recess at 6:01pm ET.**

1. **TGme (REVme) Telecon – 2021 November 802 Electronic Plenary – Wednesday 10 Nov 4-6pm ET.**
   1. **Called to order** 16:03am ET by the TG Chair, Michael MONTEMURRO (Huawei).
   2. **Introductions of Officers.**
      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 - Jon ROSDAHL (Qualcomm)
   3. **Review Patent Policy, Copyright Policy and 802 Policies**
      1. No response to call for Patent.
   4. **Chair Statement** on goals and status of Task Group.
      1. This Telecon is part of the 2021 November IEEE 802 Electronic Plenary and Registration is required.
      2. The Goal is to go to WG LB out of this session. Please work to close CIDs in timely manner.
   5. **Review today’s agenda – 11-21/1632r2**:
      1. <https://mentor.ieee.org/802.11/dcn/21/11-21-1632-02-000m-revme-agenda-november-2021-session.pptx>
      2. Draft Agenda

Wednesday Nov 10, 4pm ET

1. Comment Resolution
   1. Document 11-21/1784 - Halasz (Morse Micro) – CID 246
   2. CID 101 – Levy (Interdigital)
   3. MAC Comments – Rison (Samsung)
   4. GEN Comments – Rosdahl (Qualcomm)
2. Recess
   * + 1. Remove Editor Report from today.
       2. No other changes – Agenda approved without objection.
   1. **Review Document 11-21/1784** – CID 246 – Dave HALASZ (Morse Micro)
      1. <https://mentor.ieee.org/802.11/dcn/21/11-21-1784-00-000m-cid-246.docx>
      2. CID 246 (MAC)
         1. Review Comment
         2. Check for reference on the Table vs D0.0.
            1. It is Table 9-74 in REVme D0.4 for Table 9-69
            2. Table 9-32 (Beacon frame body) in D0.0 is Table 9-60 in D0.4
         3. Review Context p887 D0.00.
         4. Discussion on how restrictive the text in the table needed to be.
         5. Discussion on the text to add “Optionally present information elements(s) that are listed in Table 9-32 and not listed above.”
         6. Alternate wording: “Optionally present information element(s) that are not listed above but are allowed in Beacon frames (see Table 9-32), in the order they appear there.”
         7. Updated suggested wording: “Optionally, element(s) that are not listed above or below but are allowed in Beacon frames (see Table 9-32 Beacon Frame Body), in the order they appear there.”
         8. Need to make a distinction for S1G - "are allowed in S1G Beacon frames “
         9. Discussion on where the S1G Beacon frames elements are listed.
         10. Review table 9-46 (D0.0).
         11. Discussion on the use of MIB Variables that should preclude some elements in S1G.
         12. Suggestion to replace “above or below” with “in 9.3.4.3”
             1. Change to “in this table”
         13. Change to remove “there” with Table 9-32.
         14. Proposed Resolution: CID 246 (MAC): REVISED (MAC: 2021-11-10 21:29:03Z): Incorporate the changes shown in 11-21/1784r1 (<https://mentor.ieee.org/802.11/dcn/21/11-21-1784-01-000m-cid-246.docx>).
         15. No Objection – Mark Ready for Motion
   2. **Review CID 101** Joseph LEVY (Interdigital)
      1. <https://mentor.ieee.org/802.11/dcn/21/11-21-1716-00-000m-proposed-resolution-for-cid-101-cc35-clause-11-2-1.docx>
      2. CID 101 (MAC)
         1. Review Comment
         2. Review Minutes from Oct 22:

4.6.2.2 D0.3 used for reference in presentation.4.6.2.3 Review how the proposed change looks when implemented.4.6.2.4 Discussion on leaving the “can” statement.4.6.2.5 Assertion that Power-save is not a binary operation.4.6.2.6 Request that the STA that is ACTIVE mode, is always in AWAKE state should be stated.4.6.2.7 From standard: 11.2.3.2 Non-AP STA Power management modesA Non-AP STA can be in one of two power management modes: - Active Mode: The STA receives and transmits frames at any time. The STA remains in the awake state.4.6.2.8 Opposition to adding “scheduled” – it conflicts with some other power mode descriptions.4.6.2.9 Proposed resolution to just add “in power save (PS) mode can be in one of two states…leaving “can”4.6.2.10 Proposed Resolution: Revised; Replace “A STA can be in one of two power states:” with “A STA in power save (PS) mode can be in one of two states.”4.6.2.11 Concern that this would imply that a STA has to be in power save (PS) to be….

* + - 1. Review submission discussion in R1
      2. Suggest adding introductory sentence to 11.2.1
         1. “A STA in Active mode is always fully powered and in Awake State.”
      3. Should we include how many modes there are and what they are called.
         1. A STA can be in one of two modes:

Active Mode

PS Mode

* + - 1. Do the heading or clause title need to be adjusted?
      2. Discussion on how to address power management.
      3. Concern with the use of “can”
      4. From the CHAT

A non-AP STA can be in one of two power management modes:— Active mode: The STA receives and transmits frames at any time. The STA remains in the awakestate.— Power save (PS) mode: The STA enters the awake state to receive or transmit frames. The STAremains in the doze state otherwise.

* + - 1. Discussion on if modes are capablilities.
      2. Suggestion of changing the “can” to “shall” (or “may”).
      3. Discussion on how to make a minimal consensus on proposed changes.
      4. Suggestion to move the first paragraph in 11.2.3.2 to 11.2.1.
      5. Review the effect of moving the paragraph.
      6. Make sure that the editing instructions are made.
      7. ACTION ITEM #2: Joseph Levey to update 11-21/1716r1 and post to mentor.
      8. Proposed Resolution: REVISED (MAC: 2021-11-10 21:54:10Z): Incorporate the changes in 11-21/1716r1 (<https://mentor.ieee.org/802.11/dcn/21/11-21-1716-01-000m-proposed-resolution-for-cid-101-cc35-clause-11-2-1.docx>).
      9. Straw Poll”:
         1. Do you support the proposed resolution?
         2. YES/No/Abstain
         3. Results: 10/1/18 – No answer 78.
      10. Mark Ready for Motion
      11. Move CID to separate Comment Group – separate Motion.
  1. **Review doc 11-21/0829r7** – MAC CIDs – Mark RISON (Samsung)
     1. <https://mentor.ieee.org/802.11/dcn/21/11-21-0829-07-000m-resolutions-for-some-comments-on-11me-d0-0-cc35.docx>
     2. Display the Database for MAC CIDs
     3. CID 245 (MAC)
        1. Review Comment
        2. This seemed to have been included elsewhere.
        3. This should be Clause 9.3.3.2.
        4. Review proposed changes and the context.
        5. Proposed Resolution: CID 245 (MAC): ACCEPTED (MAC: 2021-11-10 22:07:12Z)
        6. No Objection – Mark Ready for Motion
     4. CID 253 (MAC)
        1. Review Comment
        2. Review proposed changes and context.
        3. Discussion on what can be included in TXOP during EDCAF.
        4. Discussion on the proposed sentence to be deleted is redundant.
        5. Proposed Resolution: CID 253 (MAC): ACCEPTED (MAC: 2021-11-10 22:10:15Z)
        6. No Objection – Mark Ready for Motion
        7. ACTION ITEM #3: Michael MONTEMURRO to contact Menzo WENTINK to review CID 253 resolution.
     5. CID 273 (MAC)
        1. Review comment
        2. Review proposed changes and context.
        3. Proposed Resolution: CID 273 (MAC): ACCEPTED (MAC: 2021-11-10 22:12:58Z)
        4. No Objection – Mark Ready for Motion
        5. Question on if the deleted sentence could be a note.
        6. Given this is clause 9, the sentence does not belong.
     6. CID 288 (MAC)
        1. Review Comment
        2. Look for context.
        3. Discussion on if “Conditionally” vs “optionally” should be used.
        4. Proposed resolution changes:
           1. P876.44 Change to “is present if the Status Code Field is 126, under the conditions described in 12.4.7.4”
           2. P1351.62 Change “conditionally” to “optionally”
           3. P1366.48 delete the sentence.
        5. Discussion on why the prior statement being a different form is correct.
        6. Change the changes to p876.44.
           1. Change “
        7. Discussion on third possible change.
        8. In Clause 9, is “conditionally” meaningful, or “may be present, see figure” would be an option.
           1. But it would need to be a reference to some other clause, not figure.
           2. ".. subfields are present if indicated so in Figure 9-670"
        9. Fields are either Conditional/optional/required and the bit are set to tell us when they are present.
        10. The presence bit tells us if the field is present.
        11. The design of devices needs to know if the field is present or not, and the bits tell us if the fields are there.
        12. We could use “"as indicated in the RAW Control subfield bits B4...B7"”
        13. We could use the bits to indicate if present and not sate optional or conditional.
        14. We could also delete the sentence.
        15. Final Proposed Resolution: REVISED (MAC: 2021-11-10 22:39:30Z): At P876.44 Change to "If the Status Code field is 126, the Rejected Groups element is conditionally present as described in 12.4.7.4; otherwise, the Rejected Groups element is not present."

At P1351.62: Change "conditionally" to "optionally"

At P1366.47: Delete the sentence at P1366.47.

* + - 1. No Objection – Mark Ready for Motion
  1. **Review Document 11-21/1821r0** - 13 CIDS - Jon ROSDAHL (Qualcomm)
     1. <https://mentor.ieee.org/802.11/dcn/21/11-21-1821-00-000m-cc35-13-gen-cids.docx>
     2. CID 181 (GEN):
        1. Reviewed the proposed change.
        2. Editorial fixes to also delete the parallel "to" that occurs later in sentences at P773.7 and P773.12.
        3. P1825.12: change the new text to “A QoS STA shall support receiving…”
        4. P1840.39: Discussion about what the MIB attribute indicates. Description says it is the maximum number of MCCAOP reservations that the MAC entity is able to track. So, we’re saying the STA shall [be able to] track the number that it is able to track – which seems self-referential.
        5. Ran out of time. Will have to pick this back up.
  2. **Recess at 6:01pm ET**

1. **TGme (REVme) Telecon – 2021 November 802 Electronic Plenary – Thursday, 11 Nov 4-6pm ET.**
   1. **Called to order** 16:03am ET by the TG Chair, Michael MONTEMURRO (Huawei).
   2. **Introductions of Officers.**
      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 - Jon ROSDAHL (Qualcomm)
   3. **Review Patent Policy, Copyright Policy and 802 Policies**
      1. No response to call for Patent.
   4. **Chair Statement** on goals and status of Task Group.
      1. This Telecon is part of the 2021 November IEEE 802 Electronic Plenary and Registration is required.
      2. The Goal is to go to WG LB out of this session. Please work to close CIDs in timely manner.
   5. **Review today’s agenda – 11-21/1632r4**:
      1. <https://mentor.ieee.org/802.11/dcn/21/11-21-1632-04-000m-revme-agenda-november-2021-session.pptx>
   6. **Draft Agenda:**

**Thursday Nov 11, 4pm ET**

1. Chair’s Welcome, Policy & patent reminder
2. Approve agenda
3. Goals for the week
4. Comment Resolution
   1. Document 11-21/836 – Jerome HENRY (Cisco) – CID 90
   2. CID 511 – Youhan KIM (Qualcomm)
   3. CID 13 – Brain HART (Cisco)
   4. CID 359 – Stephen MCCANN (Huawei)
   5. Document 11-21/1775 – SAKODA (Sony) – CID 391/CID 397
   6. Document 11-21/1724 – Dave GOODALL (Morse Micro) – CID 603, 604, 42, 339, 334
5. Recess
   * 1. Question on changes that Joseph Levy is working on is not ready for today, and has more detail than expected yesterday (CID 101).
     2. Review Agenda, no objection to proposed agenda for today.
   1. **Review Document 11-21/836r1** – CID 90 – Jerome HENRY (Cisco)
      1. <https://mentor.ieee.org/802.11/dcn/21/11-21-0836-01-000m-1as-ranging-ie-proposal.docx>
      2. CID 90 (MAC)
         1. Review Comment
         2. Review submission discussion.
         3. Review proposed changes.
         4. Discussion on proposed changes.
            1. Need to put in “<ANA>” for the requested bit until it is assigned. Replace the “90”.
            2. Same with the “Reserved” field.
         5. Potential editorial changes need to be made.
         6. Review of 802.1AS-2020 for context check – we were not able to find the cited field. “FollupInformation” content can be variable on what can be in this variable, the format depends on the context of the STA. The format of the time is defined at the Network level.
         7. Discussion on what is the format of the Follow-up Information field.
         8. Discussion on page 7; Question on what values are not described. These values are defined in 802.11az.
         9. Discussion on information that is carried in the 1AS Follow-up Information Element.
         10. Discussion on if this submission should be in 802.11az rather than here, or something that should be brought after 802.11az is rolled in.
         11. Suggestion to have this be withdrawn and let the commenter bring back to LB1.
         12. Proposed Resolution: CID 90 (MAC): REJECTED (MAC: 2021-11-11 21:30:33Z): The commenter has withdrawn the comment.
         13. No objection – Mark Ready for Motion.
      3. ACTION ITEM #4: Jerome HENRY to send email to the reflector to note withdrawal of CID 90. *(Note this action item has been completed).*
   2. **Review doc 11-21/1824r1** – Channel Switch - Youhan KIM (Qualcomm)
      1. <https://mentor.ieee.org/802.11/dcn/21/11-21-1824-01-000m-channel-switch.docx>
      2. CID 511 (MAC)
         1. Review comment
         2. Review submission discussion
         3. Review proposed changes.
         4. Discussion on the value of having a switch.
         5. Discussion on the when the Channel Switch is sent, and when it is required vs when it is just allowed to.
         6. More discussion on alternate paths on making connections to other variables.
         7. Proposed Resolution: CID 511 (MAC): REVISED (MAC: 2021-11-11 21:41:23Z): Incorporate the changes in 11-21/1824r1: <<https://mentor.ieee.org/802.11/dcn/21/11-21-1824-01-000m-channel-switch.docx>.>
         8. No Objection – Mark Ready for Motion
   3. **Review doc 11-21/1570r5** - CID 13 – Brain HART (Cisco)
      1. <https://mentor.ieee.org/802.11/dcn/21/11-21-1570-05-000m-cid13.docx>
      2. CID 13 (PHY)
         1. Review comment
         2. Review the history of the submission and changes made.
         3. Review proposed changes.
         4. Discussion on the importance of adding a NOT in 17.3.9.8.
         5. Discussion on what is distinct to Option 5 that has been added. It deprecates and adds notes on how it is used in the past.
         6. Discussion on what buffer requirements need to be met, and if it is scalable.
         7. Discussion on possible withdrawal.
         8. A list of queued Commenters was sent to Brian to work on a future revision to be brought back after Letter Ballot.
         9. Proposed Resolution: CID 13 (PHY): The commenter has withdrawn the comment.
         10. ACTION ITEM #5: Brian HART to send email to the reflector to note withdrawal of CID 13.
   4. **Review doc 11-21/1637r5** – MAC CIDs - Stephen MCCANN (Huawei)
      1. <https://mentor.ieee.org/802.11/dcn/21/11-21-1637-05-000m-proposed-comment-resolutions-for-mac-cids.docx>
      2. CID 359 (MAC)
         1. Discussion on the history of the CID and the straw poll that was taken.
         2. Proposal for rejecting the comment.
         3. Proposed Resolution: CID 359 (MAC): REJECTED (MAC: 2021-11-11 22:02:19Z): The group could not come to a consensus as to how to resolve this comment.

The following straw poll "Which do you support?

a) Delete the sentence

b) Delete the word Natural

c) Reject the comment

d) Abstain

produced the result a) 3, b) 14, c) 12, d) 13.

A subsequent debate on the TGme email reflector did not produce any consensual resolution."

* + - 1. This will be a separate motion.
      2. Mark ready for motion
  1. **Review Document 11-21/1773r1** – CID 391-397 and 454 – Kaz SAKODA (Sony)
     1. Document: <https://mentor.ieee.org/802.11/dcn/21/11-21-1773-01-000m-revme-cid-391-397-and-454-comment-resolution.docx>
     2. CID 454 (MAC)
        1. CID 454 (EDITOR): It is motioned. This is a re-visit (Motion 23)
        2. Review the minor changes
        3. New changes are in 2416.50 are being asked today.
        4. It was changed before, so we do not need to add it today.
        5. Also, we are changing the case of “mesh beacon” to “Beacon frame”.
        6. So only the upper case “Beacon Frame” may be needed to change.
           1. No is beacon and “frame” is not necessary.
        7. No change to be made to the previously approved resolution.
     3. CID 391 (MAC)
        1. Review comment
        2. Review proposed changes for the resolution.
        3. Discussion on if there are a long list of editorials that need to be considered offline.
        4. ACTION ITEM #6: KAZ SAKODA to work with Mark RISON on list of editorial changes to 11-21/773r1 and produce 11-21/1773r2 for completing the resolution.
        5. Proposed Resolution: CID 391 (MAC): REVISED (MAC: 2021-11-11 22:16:06Z): Incorporate the changes shown in 11-21/1773r2 (https://mentor.ieee.org/802.11/dcn/21/11-21-1773-02-000m-revme-cid-391-397-and-454-comment-resolution.docx) for CID 391.
        6. No objection – Mark Ready for Motion.
     4. CID 397 (MAC)
        1. Review Comment.
        2. Review proposed changes.
        3. Proposed resolution: CID 397 (MAC): REVISED (MAC: 2021-11-11 22:21:35Z): Incorporate the changes shown in 11-21/1773r2 (https://mentor.ieee.org/802.11/dcn/21/11-21-1773-02-000m-revme-cid-391-397-and-454-comment-resolution.docx) for CID 397.
        4. No objection – Mark Ready for Motion.
  2. **Review document 11-21/1831r1** – Dave GOODALL (Morse Micro)
     1. <https://mentor.ieee.org/802.11/dcn/21/11-21-1831-01-000m-cc35-for-cids-45-528-603-604-for-11ah.docx>
     2. CID 528 (MAC)
        1. Review comment
        2. Review submission discussion
        3. Proposed resolution: CID 528 (MAC): REJECTED (MAC: 2021-11-09 16:24:07Z): Insufficient details are provided to incorporate this change correctly, as the global change is not always correct. Consider, for example, 9.4.2.127 where "relay STA" (without DMG) is referring to a DMG relay STA and adding "S1G" would be incorrect.
        4. No Objection – Mark Ready for Motion
     3. CID 45 (SEC)
        1. Review comment
        2. Review submission discussion
        3. Discussion on if two different CIDs are making a change in the same clause/paragraph.
           1. Need to only accept one of the two CIDs.
        4. Discussion to withdraw the comment and address in later time.
        5. Proposed resolution: CID 45 (SEC): Rejected. Withdrawn by commenter.
        6. ACTION ITEM #7: Dave GOODALL to send email to the reflector to note withdrawal of CID 45.
        7. No Objection – Mark Ready for Motion.
     4. CID 603 (MAC)
        1. Review comment
        2. Review submission discussion
        3. There is not a change being agreed to now but can bring it up in WG Letter ballot time.
        4. Proposed Resolution: CID 603 (MAC): REJECTED (MAC: 2021-11-11 22:29:09Z): Insufficient details are provided to incorporate this change correctly, as defining an additional PTID/Subtype has the effect of adding an extra PV1 management frame type but does not differentiate between QMF and non-QMF in general for PV1 management frames.
        5. No Objection – Mark Ready for Motion
     5. CID 604 (MAC)
        1. Review comment
        2. Review submission discussion.
        3. Discussion that the CID cannot be a simple Accept as the there is not sufficient detail.
        4. Proposed Resolution: CID 604 (MAC): REJECTED (MAC: 2021-11-11 22:39:17Z): The comment fails to provide sufficient detail to implement the changes, as the changes rely on the requirements for QMF usage in PV1 frames.
        5. No Objection – Mark Ready for Motion.
  3. **Review document 11-21/1805r1** CIDs 39-43-44-334-468 - Dave GOODALL (Morse Micro).
     1. <https://mentor.ieee.org/802.11/dcn/21/11-21-1805-01-000m-cc35-cids-39-43-44-334-468-for-11ah.docx>
     2. CID 39 (MAC)
        1. Review comment
        2. Proposed Resolution: Accept
        3. No Objection – Mark Ready for Motion
     3. CID 43 (MAC)
        1. Review Comment
        2. Review submission discussion
        3. Proposed Resolution: CID 43 (MAC): REJECTED (MAC: 2021-11-11 22:49:25Z): The commenter has withdrawn the comment.
        4. No Objection – Mark Ready for Motion
        5. ACTION ITEM #8: Dave GOODALL to send email to the reflector to note withdrawal of CID 43.
     4. CID 44 (MAC)
        1. Review comment
        2. Review submission discussion
        3. Proposed Resolution: CID 44 (MAC): REVISED (MAC: 2021-11-11 22:47:06Z): The comment fails to identify changes in sufficient detail so that the specific wording of the changes that will satisfy the commenter can be determined.
        4. No Objection – Mark Ready for Motion
     5. CID 334 (MAC)
        1. Review Comment
        2. Review submission discussion
        3. Proposed Resolution: CID 334 (MAC): REVISED (MAC: 2021-11-11 22:53:39Z): Incorporate the changes shown in 11-21/1805r1 (<https://mentor.ieee.org/802.11/dcn/21/11-21-1805-01-000m-cc35-cids-39-43-44-334-468-for-11ah.docx>) for CID 334.
        4. No Objection – Mark Ready for motion
     6. CID 468 (MAC)
        1. Review Comment
        2. Review Proposed Changes.
        3. Proposed Resolution: CID 468 (MAC): REVISED (MAC: 2021-11-11 22:55:56Z): Incorporate the changes in 11-21/1805r1 (<https://mentor.ieee.org/802.11/dcn/21/11-21-1805-01-000m-cc35-cids-39-43-44-334-468-for-11ah.docx>) for CID 468.
        4. No Objection – Mark Ready for Motion
  4. **Review document 11-21/1805r1** CIDs - Dave GOODALL (Morse Micro).
     1. <https://mentor.ieee.org/802.11/dcn/21/11-21-1795-01-000m-cc35-phy-cid-371-for-802-11ah.docx>
     2. CID 371 (MAC)
        1. Review comment
        2. Review proposed changes.
        3. Proposed resolution: CID 371 (MAC): REVISED (MAC: 2021-11-11 23:00:55Z): Incorporate the changes in 11-21/1795r1 (<https://mentor.ieee.org/802.11/dcn/21/11-21-1795-01-000m-cc35-phy-cid-371-for-802-11ah.docx>) for CID 371.
        4. No objection – Mark Ready for Motion
  5. Recess at 6:01pm ET.

**References:**

November 9:

1. <https://mentor.ieee.org/802.11/dcn/21/11-21-1632-01-000m-revme-agenda-november-2021-session.pptx>
2. <https://mentor.ieee.org/802.11/dcn/21/11-21-1750-01-000m-par-corrigendum-1-correct-802-11ay-assignment-of-protected-announce-support-bit.docx>
3. <https://mentor.ieee.org/802.11/dcn/21/11-21-0687-04-000m-802-11revme-editor-s-report.pptx>
4. <https://mentor.ieee.org/802.11/dcn/21/11-21-1637-04-000m-proposed-comment-resolutions-for-mac-cids.docx>
5. <https://mentor.ieee.org/802.11/dcn/21/11-21-0829-07-000m-resolutions-for-some-comments-on-11me-d0-0-cc35.docx>

November 10:

1. <https://mentor.ieee.org/802.11/dcn/21/11-21-1632-02-000m-revme-agenda-november-2021-session.pptx>
2. <https://mentor.ieee.org/802.11/dcn/21/11-21-1784-00-000m-cid-246.docx>
3. <https://mentor.ieee.org/802.11/dcn/21/11-21-1784-01-000m-cid-246.docx>
4. <https://mentor.ieee.org/802.11/dcn/21/11-21-1716-00-000m-proposed-resolution-for-cid-101-cc35-clause-11-2-1.docx>
5. <https://mentor.ieee.org/802.11/dcn/21/11-21-1716-01-000m-proposed-resolution-for-cid-101-cc35-clause-11-2-1.docx>
6. <https://mentor.ieee.org/802.11/dcn/21/11-21-0829-07-000m-resolutions-for-some-comments-on-11me-d0-0-cc35.docx>

<https://mentor.ieee.org/802.11/dcn/21/11-21-1821-00-000m-cc35-13-gen-cids.docx>

November 11:

1. <https://mentor.ieee.org/802.11/dcn/21/11-21-1632-04-000m-revme-agenda-november-2021-session.pptx>
2. <https://mentor.ieee.org/802.11/dcn/21/11-21-0836-01-000m-1as-ranging-ie-proposal.docx>
3. <https://mentor.ieee.org/802.11/dcn/21/11-21-1824-01-000m-channel-switch.docx>
4. <https://mentor.ieee.org/802.11/dcn/21/11-21-1570-05-000m-cid13.docx>
5. <https://mentor.ieee.org/802.11/dcn/21/11-21-1637-05-000m-proposed-comment-resolutions-for-mac-cids.docx>
6. <https://mentor.ieee.org/802.11/dcn/21/11-21-1773-01-000m-revme-cid-391-397-and-454-comment-resolution.docx>
7. <https://mentor.ieee.org/802.11/dcn/21/11-21-1831-01-000m-cc35-for-cids-45-528-603-604-for-11ah.docx>
8. <https://mentor.ieee.org/802.11/dcn/21/11-21-1805-01-000m-cc35-cids-39-43-44-334-468-for-11ah.docx>
9. <https://mentor.ieee.org/802.11/dcn/21/11-21-1795-01-000m-cc35-phy-cid-371-for-802-11ah.docx>