IEEE P802.11
Wireless LANs

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| Telecon Minutes for REVmd CRC- July 22-31 2020 |
| Date: 2020-07-24 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
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Abstract

Minutes for the TGmd REVmd CRC Telecon held July 22 through 31, 2020.

There will be a Telecon on July 24 that will contain motions for resolutions prepared between June 19 to July 17.

R0: Initial version of the minutes for July 22.

R1: Version of the minutes for July 24 added.

1.0 **IEEE 802.11md REVmd CRC Telecon Wednesday July 22, 2020 16:00-18:00 ET**

* 1. **Called to order at 16:05** ET by the TG Chair Dorothy STANLEY (HPE)
	2. **Review Patent and Participation Policy**
		1. No Issues noted.
	3. **Attendance:** -please log with IMAT:
		1. About 25 attendees reported by WebEx
	4. -please log with IMAT:
		1. About 13 attendees reported by WebEx

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|  | TGmd | 7/22 | Aboulmagd, Osama | Huawei Technologies Co. Ltd |
|  | TGmd | 7/22 | Au, Kwok Shum | Huawei Technologies Co., Ltd |
|  | TGmd | 7/22 | Derham, Thomas | Broadcom Corporation |
|  | TGmd | 7/22 | Goodall, David | Morse Micro |
|  | TGmd | 7/22 | Hamilton, Mark | Ruckus Wireless |
|  | TGmd | 7/22 | Harkins, Daniel | Aruba Networks, Inc. |
|  | TGmd | 7/22 | Levy, Joseph | InterDigital, Inc. |
|  | TGmd | 7/22 | Montemurro, Michael | Self |
|  | TGmd | 7/22 | Qi, Emily | Intel Corporation |
|  | TGmd | 7/22 | RISON, Mark | Samsung Cambridge Solution Centre |
|  | TGmd | 7/22 | Rosdahl, Jon | Qualcomm Technologies, Inc. |
|  | TGmd | 7/22 | Smith, Graham | SR Technologies |
|  | TGmd | 7/22 | Stanley, Dorothy | Hewlett Packard Enterprise |
|  | TGmd | 7/22 | Wentink, Menzo | Qualcomm Incorporated |

* + 1. Missing from IMAT: None reported
	1. **Review Agenda**: 11-20/1001r5:
		1. <https://mentor.ieee.org/802.11/dcn/20/11-20-1001-05-000m-2020-july-august-agendas.docx>
		2. **The draft agenda for the teleconferences is below:**

1.       Call to order, 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); 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 slides: See slides 5-15 in <https://mentor.ieee.org/802.11/dcn/20/11-20-0323-00-0000-2nd-vice-chair-report-july-2020.pptx>

2. Editor report – Emily QI/Edward AU

 – see <https://mentor.ieee.org/802.11/dcn/19/11-19-2156> .

Total of 820 comments; approximately 200 comments remaining.

Editors prepared D3.4 incorporating all approved comments to date. Draft 3.4 available on Monday 2020-07-13. See <https://mentor.ieee.org/802.11/dcn/17/11-17-0920-27-000m-802-11revmd-editor-s-report.ppt>.

3. Comment resolution

a) 2020-07-22 Wednesday 4-6pm Eastern 2 hours

1. Emily QI – CID 4050 https://mentor.ieee.org/802.11/dcn/20/11-20-0947
2. Menzo WENTINK – including CIDs 4761, 4762, 4315 https://mentor.ieee.org/802.11/dcn/20/11-20-0150-13-000m-assorted-crs-revmd-draft-3-0.docx, <https://mentor.ieee.org/802.11/dcn/20/11-20-1038-00-000m-edca-and-hcca.docx>
3. Osama ABOUL-MAGD - <https://mentor.ieee.org/802.11/dcn/20/11-20-0814-01-000m-proposed-resolutions-to-cids-4145-4146-and-4147.docx>
4. Mark HAMILTON – MAC CIDs, <https://mentor.ieee.org/802.11/dcn/20/11-20-0338-12-000m-revmd-initial-sa-comments-assigned-to-hamilton.docx> and <https://mentor.ieee.org/802.11/dcn/20/11-20-1114-01-000m-revmd-backoff-procedure-correction.docx>
5. Graham Smith CID 4694 <https://mentor.ieee.org/802.11/dcn/20/11-20-0272-10-000m-cids-from-mike-to-graham-2.docx>
6. Mark Rison – CIDs 4565, 4616, 4620, and 4623 for direction, 4137, 4808 (re-visit), 4229/4266, see <https://mentor.ieee.org/802.11/dcn/20/11-20-0435-07-000m-resolutions-for-some-comments-on-11md-d3-0-sb1.docx>.

4.       AOB

5. Adjourn

* + 1. Discussion of Agenda
			1. Review all authors planned on agenda are ready.
		2. No objection to updated Agenda see doc 11-20/1001r6
	1. **Editor Report** – Emily QI (Intel)
		1. No changes from Last Friday
	2. **Review doc 11-20/0947r1** CID 4050 - Emily QI (INTEL)
		1. <https://mentor.ieee.org/802.11/dcn/20/11-20-0947-01-000m-proposed-resolutions-for-cid-4050.doc>
		2. CID 4050 (PHY)
			1. Review the updated changes.
			2. Change to Association from ReAssociation.
			3. Need an r2 to be posted.
			4. Proposed Resolution: REVISED (PHY: 2020-07-22 20:18:56Z) - Incorporate the changes under "Proposed Changes:" in document 11-20/0947r2 <<https://mentor.ieee.org/802.11/dcn/20/11-20-0947-02-000m-proposed-resolutions-for-cid-4050.doc>> which clarify SA Query procedures.
			5. Mark Ready for Motion
			6. Prepare for motion on August 7th.
	3. **Review doc 11-20/150r15** - Menzo WENTINK (Qualcomm)
		1. including CIDs 4761, 4762, 4315
		2. <https://mentor.ieee.org/802.11/dcn/20/11-20-0150-15-000m-assorted-crs-revmd-draft-3-0.docx>,
		3. CID 4761
			1. Not ready.
		4. CID 4763 (MAC):
			1. Reassign to Assaf KASHER
		5. CID 4315 (EDITOR2)
			1. Review comment
			2. Review submission discussion –
			3. Review proposed changes; 3 changes.
			4. No discussion
			5. Proposed resolution: CID 4315 (EDTIOR2): Revised; Incorporate the changes in 11-20/0150r15 for CID 4315
			6. No Objection – Mark Ready for Motion
		6. CID y, z - Additional Changes described.
			1. Review vestigial edits for “DLS” leftovers.
			2. The Intent to have separate motion for these changes.
			3. Motion to approve: CID (x) and CID (y) - ad hoc proposals. Changes as shown in 11-20/0150r15.
			4.

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| CID **y**Menzo Wentink | There are 4 vestigial occurrences of "DLS" outside the MIB. | Remove these occurrences of "DLS". | RevisedTable 10-13 (Settings for the TXVECTOR parameter PARTIAL\_AID for CMMG STAs):1817.14, delete "DLS or" (2x)1818.16 delete "DLS or" (2x) |

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| CID **z**Menzo Wentink | There are 3 vestigial occurrences of "PCO" outside the MIB. | Remove these occurrences of "DLS". | RevisedFigure 9-761 (CMMG Operation Information field format):1451.15 delete entries B4 (PCO Active) and B5 (PCO Phase), change "B6" at the Reserved entry to "B4 B6", and change "1" at the Reserved entry to "3".2347.5 delete ", excluding PCO," (in the TDLS section) |

* + 1. Discussion on CID a

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| CID **a**Menzo Wentink | Deleted features still occur in the MIB, including their acronyms. The only change seems to be that the MIB entry is marked as deprecated. | Find a way to delete deleted features from the MIB entirely.Or at least maybe to delete the contents of the deleted MIB variable without deleting the remaining structure. |

* + - 1. More discussion will need to occur.
		1. CID 4762 (MAC):
			1. Review Comment
			2. Review proposed resolution and changes.
			3. The first three lines are the actual proposed resolution, and the rest of the text to be included in the AdHoc notes of the database.
			4. Proposed Resolution: CID 4762 (MAC): REVISED (MAC: 2020-07-22 20:41:51Z): At 1340.56, at the bottom of Table 9-272, add a Note as follows: "NOTE 12—See also 11.39 (VHT BSS operation)."
			5. No Objection - Mark Ready for Motion
		2. CID 4764 (MAC)
			1. Review Comment
			2. Review Context
			3. Proposed resolution: CID 4764 (MAC): REVISED (MAC: 2020-07-22 20:42:59Z): At 1185.41, before "and" insert ", 11.39 (VHT BSS operation)".
			4. No Objection - Mark Ready for Motion
		3. CID 4811 (MAC)
			1. Review Comment
			2. Review Context
			3. Review Proposed changes
			4. Request to have some more review on the ***Wide Bandwidth Channel subelement*** changes.
			5. ACTION ITEM: Menzo to check with Brian HART.
			6. This is a follow-up on an earlier change, and it is believed that this is left over that was missed.
			7. Discussion on the Channel Switch element and the Channel element should all align at least logically in VHT and other clauses.
			8. Discussion on aligning with the VHT operation.
			9. The proposed changes are specific to the comment, and only change the location cited.
			10. Concern with the possible problem in the element if there is a problem with-in the sub-element.
			11. There was objection to accepting the proposed change without looking at the broader subject.
			12. The changes we make have to align with other changes.
			13. Note: 9.4.2.160 Wide Bandwidth Channel Switch element and figure 9-343 Wide Bandwidth Channel subelement format.
			14. More work will be needed.
			15. Assigned to agenda for July 29th (Wednesday)
	1. **Review doc 11-20/0814r2** Osama ABOUL\_MAGD (Huawei)
		1. <https://mentor.ieee.org/802.11/dcn/20/11-20-0814-02-000m-proposed-resolutions-to-cids-4145-4146-and-4147.docx>
		2. CIDs 4145 and 4147 (both MAC):
			1. Review comments.
			2. Review proposed changes.
			3. Proposed Resolution: Revised; incorporate the changes in r2
			4. Request for more time to review.
			5. Discussion on the definition of UP and the use of 802.1D. Traffic Category (TC) vs User Category.
			6. Discussion on UP associations.
			7. Discussed if a Frame has a TID and if the frame has priority, then it is a TIDS, then we may have an UP for the frames.
			8. Discussion on if a packet has or does not have a Priority. Some Priority is required for every MSDU at this point (inbound for QoS traffic).
			9. There are still contexts for UPs in the context of QoS frames.
			10. These will be rescheduled for next week and we will close on the CIDs next week. We are at the point we need to close on the subject.
			11. The total view of QoS in the standard may need a longer discussion.
		3. CID 4146 (MAC)
			1. Review comment
			2. Clarification on TSPEC element is needed.
			3. Review submission discussion.
			4. Note: EDCA TSPEC uses UP not TSID.
			5. For Table 9-12- TID subfield, change should just be UP not MSDU or A-MPDU before the UP.
			6. TID cannot carry both an UP and a TSID. So that is the ambiguity that needs to be resolved.
			7. More work needs to be done.
			8. Add to agenda for next week.
		4. **Review doc 11-20/338r14** - MAC CIDs – CID 4479 and 4480 – Mark HAMILTON (Ruckus/CommScope)
		5. <https://mentor.ieee.org/802.11/dcn/20/11-20-0338-14-000m-revmd-initial-sa-comments-assigned-to-hamilton.docx>
		6. CID 4479 (MAC)
			1. Review the CID
			2. Similar to CID 4480
			3. This comment is effectively a duplicate of CID 4480, which has already been approved and motioned (Motion #187) as Accepted.
			4. Details for CID 4480 are: Change "The STA is a non-AP STA in an infrastructure BSS" to "The STA is a non-AP STA in a DMG infrastructure BSS"
			5. Proposed Resolution: Revised. Change "The STA is a non-AP STA in an infrastructure BSS" to "The STA is a non-AP STA in a DMG infrastructure BSS".

Note to commenter, this is per the resolution to CID 4480, which noted that the DMG case is not covered by a).

Note to Editor: This the same resolution as to CID 4480, which has already been implemented.

* + - 1. No objection – Mark Ready for motion
		1. CID 4677 (MAC)
			1. Review comment
			2. This comment is effectively resolved by the resolution to CID 4432.
			3. Proposed resolution: Revised.

(Note, this is the same resolution as the resolution for CID 4432.)

In D3.1:

At the end of the first para of 11.46.2.1 FILS Discovery frame transmission add “The Address 1 field of the FILS Discovery frame shall) be set to the broadcast address.”.

At the end of the second para (“In a non-DMG and non-S1G BSS, …”) of 11.1.3.1 General (in 11.1.3 Maintaining synchronization) add “The Address 1 field of the Beacon or Timing Advertisement frame shall be set to the broadcast address.”.

At the end of the third para (“In a DMG infrastructure BSS, …”) of 11.1.3.1 General (in 11.1.3 Maintaining synchronization) add “The Address 1 field of the Timing Advertisement frame shall be set to the broadcast address.”.

At the end of second para of 14.13.3.1 Beacon generation in MBSSs add “The Address 1 field of the Beacon frame shall be set to the broadcast address.”.

At the end of 11.8.8.1 General (in 11.8.8 Selecting and advertising a new channel) add a para “The Address 1 field of a Channel Switch Announcement frame shall be set to the broadcast address.”

At the end of 11.9.1 General (in 11.9 Extended channel switching (ECS)) add a para “The Address 1 field of an Extended Channel Switch Announcement frame shall be set to the broadcast address.”

At 2302.47 and 2302.49 change “multiple Beacons, Measurement Pilots, or Probe Response frames” to “multiple Beacon, Measurement Pilot, or Probe Response frames”.

At 2318.56, 2320.52/53(2x)/60/61/63, 2321.1/3/5/13/19/43 change “Measurement Pilots” to “Measurement Pilot frames”. At 327.16 change “measurement pilots” to “Measurement Pilot frames”.

* + - 1. No objection – Mark Ready for motion
	1. **Review doc 11-20/1114r1** Mark HAMILTON (Ruckus/CommScope)
		1. <https://mentor.ieee.org/802.11/dcn/20/11-20-1114-01-000m-revmd-backoff-procedure-correction.docx>
		2. Abstract: Discusses a glitch in REVmc, and proposed a correction, for REVmd consideration.
		3. Review the submission background section.
		4. Review the Proposed changes
		5. Discussion on the use of punctuation and having the Editors make it consistent.
		6. Discussion on the change of Timers to Counters and if it is correctly in place here.
		7. An Upload of revision will be done, and a separate motion will be created.
	2. **Review doc 11-20/272r10** - CID 4694 - Graham Smith (SR Technologies).
		1. <https://mentor.ieee.org/802.11/dcn/20/11-20-0272-10-000m-cids-from-mike-to-graham-2.docx>
		2. CID 4694 (PHY)
			1. Review history of proposal
			2. Review the submission and proposed changes.
			3. Discussion on some minor changes that need to be made.
			4. Running out of time, so need to reschedule for review on future call.
	3. **Out of Time:**
		1. We will add to the end of Friday’s agenda the items we did not make today.
	4. **Review Timeline**
		1. To make Oct 13 Deadline for RevCom submission deadline.
		2. Aug 7th will be final Motion for all CIDs for this SA Ballot.
		3. Proposed Monday August 3 and Tuesday August 4 at 3-5pm ET to be able to complete in time.
		4. Discussion on the times
		5. No strong objection.
	5. **Adjourn at 18:01 (6:01 pm) ET**
1. **IEEE 802.11md REVmd CRC Telecon Friday July 24, 2020 10:00-12:00 ET**
	1. **Called to order at 10:05am** ET by the TG Chair Dorothy STANLEY (HPE)
	2. **Review Patent and Participation Policy**
		1. No Issues noted.
	3. **Attendance:** -please log with IMAT:
		1. About 25 attendees reported by WebEx
	4. -please log with IMAT:
		1. About 23 attendees reported by WebEx

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|  | TGmd | 3058 | 7/24 | Aboulmagd, Osama | Huawei Technologies Co. Ltd |
|  | TGmd | 12585 | 7/24 | Au, Kwok Shum | Huawei Technologies Co., Ltd |
|  | TGmd | 57126 | 7/24 | Derham, Thomas | Broadcom Corporation |
|  | TGmd | 8114 | 7/24 | Fischer, Matthew | Broadcom Corporation |
|  | TGmd | 24385 | 7/24 | Hamilton, Mark | Ruckus Wireless |
|  | TGmd | 18299 | 7/24 | Harkins, Daniel | Aruba Networks, Inc. |
|  | TGmd | 12865 | 7/24 | Kakani, Naveen | Qualcomm Incorporated |
|  | TGmd | 9302 | 7/24 | Kasher, Assaf | Qualcomm Incorporated |
|  | TGmd | 55256 | 7/24 | Kim, Youhan | Qualcomm Incorporated |
|  | TGmd | 8390 | 7/24 | Kwon, Young Hoon | NXP Semiconductors |
|  | TGmd | 4622 | 7/24 | Levy, Joseph | InterDigital, Inc. |
|  | TGmd | 61032 | 7/24 | Lindskog, Erik | SAMSUNG |
|  | TGmd | 14412 | 7/24 | Malinen, Jouni | Qualcomm Incorporated |
|  | TGmd | 13492 | 7/24 | McCann, Stephen | Self |
|  | TGmd | 7363 | 7/24 | Montemurro, Michael | Self |
|  | TGmd | 61804 | 7/24 | RISON, Mark | Samsung Cambridge Solution Centre |
|  | TGmd | 5030 | 7/24 | Rosdahl, Jon | Qualcomm Technologies, Inc. |
|  | TGmd | 14845 | 7/24 | Smith, Graham | SR Technologies |
|  | TGmd | 2948 | 7/24 | Stanley, Dorothy | Hewlett Packard Enterprise |
|  | TGmd | 22645 | 7/24 | Wentink, Menzo | Qualcomm Incorporated |

* + 1. Missing from IMAT: None reported
	1. **Review Agenda**: 11-20/1001r7:
		1. <https://mentor.ieee.org/802.11/dcn/20/11-20-1001-07-000m-2020-july-august-agendas.docx>
		2. **The draft agenda for the teleconferences is below:**

1.       Call to order, 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); 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
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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 slides: See slides 5-15 in <https://mentor.ieee.org/802.11/dcn/20/11-20-0323-00-0000-2nd-vice-chair-report-july-2020.pptx>

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

 https://mentor.ieee.org/802.11/dcn/19/11-19-2156. Total of 820 comments; approximately 200 comments remaining. See <https://mentor.ieee.org/802.11/dcn/17/11-17-0920-27-000m-802-11revmd-editor-s-report.ppt> .

D3.4 is available and includes resolution approved in May and June motions.

3.       Comment resolution
**a) 2020-07-24 Friday 10 am Eastern 2 hours –**

* 1. **Motion: Previous Minutes –**

**Approve the following minutes documents:**

* + 1. **June 17-19,** [**https://mentor.ieee.org/802.11/dcn/20/11-20-0915-02-000m-telecon-minutes-for-revmd-crc-june-17-19-2020.docx**](https://mentor.ieee.org/802.11/dcn/20/11-20-0915-02-000m-telecon-minutes-for-revmd-crc-june-17-19-2020.docx)
		2. **June 24-30,** [**https://mentor.ieee.org/802.11/dcn/20/11-20-0956-04-000m-telecon-minutes-for-revmd-crc-june-24-30-2020.docx**](https://mentor.ieee.org/802.11/dcn/20/11-20-0956-04-000m-telecon-minutes-for-revmd-crc-june-24-30-2020.docx)
		3. **July 8-10,** [**https://mentor.ieee.org/802.11/dcn/20/11-20-1030-02-000m-telecon-minutes-for-revmd-crc-july-8-10-2020.docx**](https://mentor.ieee.org/802.11/dcn/20/11-20-1030-02-000m-telecon-minutes-for-revmd-crc-july-8-10-2020.docx)
		4. **July 15,** [**https://mentor.ieee.org/802.11/dcn/20/11-20-1099-00-000m-telecon-minutes-for-revmd-crc-july-15-2020.docx**](https://mentor.ieee.org/802.11/dcn/20/11-20-1099-00-000m-telecon-minutes-for-revmd-crc-july-15-2020.docx)
		5. **July 17,** [**https://mentor.ieee.org/802.11/dcn/20/11-20-1111-00-000m-telecon-minutes-for-revmd-crc-july-17-2020.docx**](https://urldefense.proofpoint.com/v2/url?u=https-3A__mentor.ieee.org_802.11_dcn_20_11-2D20-2D1111-2D00-2D000m-2Dtelecon-2Dminutes-2Dfor-2Drevmd-2Dcrc-2Djuly-2D17-2D2020.docx&d=DwMFaQ&c=C5b8zRQO1miGmBeVZ2LFWg&r=NTHtA_KHOOrju0kuqznMMhn2PgeiJdiVcWeUfvVgSN4&m=3GFoJbsxnMAXaL3PReiJvXXr6VuGv2RwEXMx2DX8hrU&s=ikIsU5BS3nYZ2ywPBYgW2MhDiokKkNWUZ0ihVHQy174&e=)
	1. **Motion 210 – EDITOR (3+1 CIDs)**
		1. **Approve the comment resolutions in the “Motion-EDITOR-W” and “Motion-EDITOR-X” tabs in** : <https://mentor.ieee.org/802.11/dcn/20/11-20-0010-10-000m-revmd-sa1-comments-for-editor-ad-hoc.xls>
	2. **Motion: PHY (31 CIDs)**
		1. **Approve the comment resolutions in the “PHY Motion G” tab in** [**https://mentor.ieee.org/802.11/dcn/20/11-20-0145-14-000m-sb1-revmd-phy-sec-comments.xlsx**](https://mentor.ieee.org/802.11/dcn/20/11-20-0145-14-000m-sb1-revmd-phy-sec-comments.xlsx)**, Changing the resolution for CID 4463 to refer to R6 of 11-20-0929 (not R2)**
	3. **Motion – GEN CIDs (6 CIDs)**
		1. **Approve the comment resolutions in the “Motion GEN for July 24” tab in** [**https://mentor.ieee.org/802.11/dcn/20/11-20-0147-12-000m-sb1-revmd-gen-comments.xls**](https://mentor.ieee.org/802.11/dcn/20/11-20-0147-12-000m-sb1-revmd-gen-comments.xls)
	4. **Motion – MAC (19 CIDs)**
		1. **Approve the comment resolutions in the “Motion MAC-AQ” tab in** [**https://mentor.ieee.org/802.11/dcn/17/11-17-0927-62-000m-revmd-mac-comments.xls**](https://mentor.ieee.org/802.11/dcn/17/11-17-0927-62-000m-revmd-mac-comments.xls)
	5. **Motion – MAC CIDs – CID 4159**
		1. **Approve the comment resolutions in the “Motion MAC-MSCS in Assoc” tab in** [**https://mentor.ieee.org/802.11/dcn/17/11-17-0927-62-000m-revmd-mac-comments.xls**](https://mentor.ieee.org/802.11/dcn/17/11-17-0927-62-000m-revmd-mac-comments.xls)
	6. **Motion – Insufficient Detail CIDs – EDITOR (10 CIDs) & EDITOR2 (1 CID)**
		1. **Approve the comment resolutions in the “Motion-EDITOR2-T” tab in** [**https://mentor.ieee.org/802.11/dcn/19/11-19-2160-11-000m-revmd-editor2-standards-association-ballot-comments.xlsx**](https://mentor.ieee.org/802.11/dcn/19/11-19-2160-11-000m-revmd-editor2-standards-association-ballot-comments.xlsx) **and
		Approve the comment resolutions in the “Insufficient Detail” tab in** [**https://mentor.ieee.org/802.11/dcn/20/11-20-0010-10-000m-revmd-sa1-comments-for-editor-ad-hoc.xls**](https://mentor.ieee.org/802.11/dcn/20/11-20-0010-10-000m-revmd-sa1-comments-for-editor-ad-hoc.xls)
	7. **Motion – Insufficient Detail CIDs – PHY (41 CIDs)**
		1. **Approve the comment resolutions in the “Insufficient Details” tab in** [**https://mentor.ieee.org/802.11/dcn/20/11-20-0145-14-000m-sb1-revmd-phy-sec-comments.xlsx**](https://mentor.ieee.org/802.11/dcn/20/11-20-0145-14-000m-sb1-revmd-phy-sec-comments.xlsx) **Except for CID 4751**
		2. **Information: CID 4751 is on same topic as CID 4146 (Osama) under discussion.**
	8. **Motion – Insufficient Detail CIDs – GEN (18 CIDS)**
		1. **Approve the comment resolutions in the “Insufficient Details Motion” tab in** [**https://mentor.ieee.org/802.11/dcn/20/11-20-0147-12-000m-sb1-revmd-gen-comments.xls**](https://mentor.ieee.org/802.11/dcn/20/11-20-0147-12-000m-sb1-revmd-gen-comments.xls)
	9. **Motion – Insufficient Detail– MAC (7 CIDs)**
		1. **Approve the comment resolutions in the “Motion MAC Insufficient detail” tab in** <https://mentor.ieee.org/802.11/dcn/17/11-17-0927-62-000m-revmd-mac-comments.xls>
	10. **Motion 2xx: Random SAE fixes**
		1. **Incorporate the text changes in** [**https://mentor.ieee.org/802.11/dcn/20/11-20-0725-01-000m-random-sae-comments.docx**](https://mentor.ieee.org/802.11/dcn/20/11-20-0725-01-000m-random-sae-comments.docx) **into the TGmd draft**
	11. **Motion 2xx– RSNXE interoperability fixes**
		1. **Incorporate the text changes in https://mentor.ieee.org/802.11/dcn/20/11-20-0332-04-000m-rsnxe-interoperability-issue.docx into the TGmd draft.**
	12. **Motion 2xx– CID 4155**
		1. **Resolve CID 4155 as “Revised” with a resolution of “Make the changes as shown in 11-19/1564r9 (**[**https://mentor.ieee.org/802.11/dcn/19/11-19-1564-09-000m-originator-block-ack-state.docx**](https://urldefense.proofpoint.com/v2/url?u=https-3A__mentor.ieee.org_802.11_dcn_19_11-2D19-2D1564-2D09-2D000m-2Doriginator-2Dblock-2Dack-2Dstate.docx&d=DwQFaQ&c=C5b8zRQO1miGmBeVZ2LFWg&r=NTHtA_KHOOrju0kuqznMMhn2PgeiJdiVcWeUfvVgSN4&m=POVLg3M2Znkp6qfIOeBvf3EvHRwVQ8iGTlkA3OLPjmM&s=_VPtSmdnZqG4v9G1aeaJxydeI7q5DPr9nv4XCjZ6DCI&e=)**).  This clarifies the text for block ack state processing, as requested.”**
	13. **Graham Smith CID 4694** <https://mentor.ieee.org/802.11/dcn/20/11-20-0272-10-000m-cids-from-mike-to-graham-2.docx>
	14. **Mark Rison – CIDs 4565, 4616, 4620, and 4623 for direction**, 4137, 4808 (re-visit), 4229/4266, see <https://mentor.ieee.org/802.11/dcn/20/11-20-0435-07-000m-resolutions-for-some-comments-on-11md-d3-0-sb1.docx>
	15. **Menzo WENTINK – including CIDs 4725, 4143, 4761, 4811** https://mentor.ieee.org/802.11/dcn/20/11-20-0150-15-000m-assorted-crs-revmd-draft-3-0.docx,

4.       AOB:

i. Review TGmd schedule – roughly 150 CIDs remain;

* Target D 4.0 in August; D5.0 in September
* August 7th motion for recirculation,
* August 21 – Editors have draft,
* 15-20 day recirc ballot, end by September 8.
* Hold several meetings during September plenary for comment resolution.
* Sept/early Oct D5.0 WG approval to send to EC for forwarding to RevCom – likely electronic
* Sept/Oct – D5.0 Unchanged recirc
* 6 Oct – 802 EC Approval, Draft TGme PAR (next revision)
* 13 October – Draft to RevCom
* 2020 Dec RevCom/SASB

5. Adjourn

* + 1. Discussion of Agenda
			1. Review motion list.
			2. Review submissions for remaining time.
		2. No objection to updated Agenda see doc 11-20/1001r8
	1. **Editor Report** – Emily QI (Intel)
		1. **Not today**.
	2. **Motions:**
		1. **Motion #July24: Previous Minutes -**

Approve the following minutes documents:

* June 17-19, <https://mentor.ieee.org/802.11/dcn/20/11-20-0915-02-000m-telecon-minutes-for-revmd-crc-june-17-19-2020.docx>
* June 24-30, <https://mentor.ieee.org/802.11/dcn/20/11-20-0956-04-000m-telecon-minutes-for-revmd-crc-june-24-30-2020.docx>
* July 8-10, <https://mentor.ieee.org/802.11/dcn/20/11-20-1030-02-000m-telecon-minutes-for-revmd-crc-july-8-10-2020.docx>
* July 15, <https://mentor.ieee.org/802.11/dcn/20/11-20-1099-00-000m-telecon-minutes-for-revmd-crc-july-15-2020.docx>
* July 17, [https://mentor.ieee.org/802.11/dcn/20/11-20-1111-00-000m-telecon-minutes-for-revmd-crc-july-17-2020.docx](https://urldefense.proofpoint.com/v2/url?u=https-3A__mentor.ieee.org_802.11_dcn_20_11-2D20-2D1111-2D00-2D000m-2Dtelecon-2Dminutes-2Dfor-2Drevmd-2Dcrc-2Djuly-2D17-2D2020.docx&d=DwMFaQ&c=C5b8zRQO1miGmBeVZ2LFWg&r=NTHtA_KHOOrju0kuqznMMhn2PgeiJdiVcWeUfvVgSN4&m=3GFoJbsxnMAXaL3PReiJvXXr6VuGv2RwEXMx2DX8hrU&s=ikIsU5BS3nYZ2ywPBYgW2MhDiokKkNWUZ0ihVHQy174&e=)
	+ - 1. Moved: Michael Montemurro
			2. Seconded: Edward Au
			3. **Result of Motion #July24: Unanimous consent – Motion Passes.**
		1. **Motion #210 – EDITOR (3+1 CIDs)**

Approve the comment resolutions in the “Motion-EDITOR-W” and “Motion-EDITOR-X” tabs in : <https://mentor.ieee.org/802.11/dcn/20/11-20-0010-10-000m-revmd-sa1-comments-for-editor-ad-hoc.xls>

* + - 1. Moved: Emily QI
			2. Seconded: Stephen MCCANN
			3. **Result Motion #210: Unanimous consent – Motion Passes.**
		1. **Motion #211: PHY (31 CIDs)**

Approve the comment resolutions in the “PHY Motion G” tab in <https://mentor.ieee.org/802.11/dcn/20/11-20-0145-14-000m-sb1-revmd-phy-sec-comments.xlsx>, except for 4669, 4683, 4671, 4728, 4682, 4463.

* + - 1. Discussion
				1. Would like to wait on consideration of - The following are in my 20/0435: 4629, 4602, 4527, 4525, 4523, 4477,4220, 4699- 4751 might be resolved by Osama's work
				2. Note that 4571 is not in this motion and excluded in the other motion.
				3. Additional changes need to be reviewed.
			2. Moved: Edward AU
			3. Seconded: Michael MONTEMURRO
			4. Result Motion #211: 18-0-1 Motion Passes.
		1. **Motion #212: PHY (6 CIDs)**

Approve the comment resolutions in the “PHY Motion G” tab in <https://mentor.ieee.org/802.11/dcn/20/11-20-0145-14-000m-sb1-revmd-phy-sec-comments.xlsx>, Changing the resolution for CID 4463 to refer to R6 of 11-20-0929 (not R2), for 4669, 4683, 4671, 4728, 4682, 4463

* + - 1. Reviewed changes in doc 11-20/929r6 which needed to be made for CID 4463.
				1. <https://mentor.ieee.org/802.11/dcn/20/11-20-0929-06-000m-sb1-resolution-to-some-xdmg-cids.docx>
			2. Moved: Assaf KASHER
			3. Seconded: Michael MONTEMURRO
			4. Discussion:
				1. Opposition to the motion was expressed.
			5. **Result Motion #212: 15-1-4 – Motion Passes.**
		1. **Motion #213 – GEN CIDs (6 CIDs)**

Approve the comment resolutions in the “Motion GEN for July 24” tab in <https://mentor.ieee.org/802.11/dcn/20/11-20-0147-12-000m-sb1-revmd-gen-comments.xls>

* + - 1. Moved: Jon ROSDAHL
			2. Seconded: Emily QI
			3. **Result: Unanimous Consent – Motion Passes.**
		1. **Motion #214 – MAC (19 CIDs)**

Approve the comment resolutions in the “Motion MAC-AQ” tab in <https://mentor.ieee.org/802.11/dcn/17/11-17-0927-62-000m-revmd-mac-comments.xls>

Except for CID 4444 and 4746

* + - 1. Moved: Stephen MCCANN
			2. Seconded: Joseph LEVY
			3. Discussion:
				1. Correction of the CID was made.
			4. **Result Motion #214: Unanimous Consent. – Motion Passes**
		1. **Motion #215 – MAC CIDs – CID 4159**

Approve the comment resolutions in the “Motion MAC-MSCS in Assoc” tab in <https://mentor.ieee.org/802.11/dcn/17/11-17-0927-62-000m-revmd-mac-comments.xls>

* + - 1. Moved: Matthew FISCHER
			2. Seconded: Mark HAMILTON
			3. Discussion: None
			4. Objection for Unanimous consent.
			5. **Result Motion #215: 15-0-4 – Motion Passes.**
		1. **Motion #216 – MAC (2 CIDs)**

Approve the comment resolutions for CID 4444 and 4746

in the “Motion MAC-AQ” tab in <https://mentor.ieee.org/802.11/dcn/17/11-17-0927-62-000m-revmd-mac-comments.xls>

* + - 1. Michael MONTEMURRO
			2. Seconded: Stephen MCCANN
			3. Discussion:
				1. Review of the CIDs and the resolutions.
				2. From Comment Window: - 4444: "To start an HCCA TXOP, the HC gains control of the WM to send QoS traffic or to issue QoS (+)CF-Poll frames to STAs by waiting a shorter time between transmissions than the STAs using the EDCA procedures" is wonky -- to start the HCCA TXOP it just gains control, it doesn’t wait a shorter time.Also, I'm still not persuaded by the deletion in "The HC is a type of centralized coordinator"
				3. The Text noted was not changed.
				4. Disagreement on if it is clear or not.
				5. CID 4746 review. An alternative Note suggested:
				6. For 4746, how about for now just sticking this at the end of 11.13?NOTE—The mechanism by which the MAC, MLME and SME coordinate the actions needed to effect the operations described in this subclause is outside the scope of this standard.
			4. **Result Motion #216: 11-2-6 – Motion Passes.**
		1. **Motion #217 – Insufficient Detail CIDs – EDITOR (10 CIDs) & EDITOR2 (1 CID)**

Approve the comment resolutions in the “Motion-EDITOR2-T” tab in <https://mentor.ieee.org/802.11/dcn/19/11-19-2160-11-000m-revmd-editor2-standards-association-ballot-comments.xlsx> and
Approve the comment resolutions in the “Insufficient Detail” tab in <https://mentor.ieee.org/802.11/dcn/20/11-20-0010-10-000m-revmd-sa1-comments-for-editor-ad-hoc.xls>

* + - 1. Moved: Emily QI
			2. Seconded: Edward AU
			3. **Result Motion #217: Unanimous Consent – Motion Passes.**
		1. **Motion #218 – Insufficient Detail CIDs – PHY (41 CIDs)**

Approve the comment resolutions in the “Insufficient Details” tab in <https://mentor.ieee.org/802.11/dcn/20/11-20-0145-14-000m-sb1-revmd-phy-sec-comments.xlsx> Except for CID 4751

* + - 1. Information: CID 4751 is on same topic as CID 4146 (Osama) under discussion.
			2. Moved: Michael MONTEMURRO
			3. Seconded: Assaf Kasher
			4. Discussion:
				1. Mark Rison chat: - The following are in my 20/0435: 4629, 4602, 4527, 4525, 4523, 4477, 4220, 4699- I think we've all forgotten about 4697, 4646, and would like to request a bit of time to put together a proposal
				2. No other discussion.
			5. **Result Motion #218: 12-4-3 – Motion Passes.**
		1. **Motion #219– Insufficient Detail CIDs – GEN (18 CIDs)**

Approve the comment resolutions in the “Insufficient Details Motion” tab in <https://mentor.ieee.org/802.11/dcn/20/11-20-0147-12-000m-sb1-revmd-gen-comments.xls>

* + - 1. Discussion:
				1. Mark Rison comments: - 4247: there's a resolution in my 20/0435. The only question is to proceed with it as-is, or whether to not make changes to the \*Activated variables (Mark H might have an opinion) - 4819: I thought Payam was working on this?

- 4813: this seems similar if not the same as my 4515, for which I have a resolution in my 20/0435

- 4144: Osama is still working on this, isn't he?

- 4133: I think this has enough detail to be just ACCEPTED

* + - * 1. Objection to Motion as 4133 and 4247 have a possible alternative resolution.
				2. Note 4133 is not part of motion – 4113 is probably the CID that was meant.
			1. Moved: Jon ROSDAHL
			2. Seconded: Stephen MCCANN
			3. **Result for Motion #219: 11-3-4 – Motion Passes.**
			4. Request to discuss 4113 and 4247 in more detail later.
		1. **Motion #220 – Insufficient Detail– MAC (6 CIDs)**

Approve the comment resolutions in the “Motion MAC Insufficient detail” tab in <https://mentor.ieee.org/802.11/dcn/17/11-17-0927-62-000m-revmd-mac-comments.xls>

* + - 1. Moved: Emily QI
			2. Seconded: Dan HARKINS
			3. Discussion –
				1. Request to see if any CIDs are from Mark RISON – no objection.
			4. **Result for Motion #220: Unanimous Consent – Motion Passes**
		1. **Motion #221 - Random SAE fixes**

Incorporate the text changes in the “Proposed Change” sections in <https://mentor.ieee.org/802.11/dcn/20/11-20-0725-01-000m-random-sae-comments.docx> into the TGmd draft

* + - 1. Moved: Dan HARKINS
			2. Seconded: Jouni MALINEN
			3. Discussion:
				1. Discussion on the wording of the motion.
				2. Proposed text proposal from discussion may be missing. Some pseudo code seems to be missing.
				3. Discussion on if there was something required or not.
				4. No specifics were found in the minutes.
			4. **Result Motion #221: 16-0-4 – Motion Passes.**
		1. **Motion #222– RSNXE interoperability fixes**

Incorporate the text changes in https://mentor.ieee.org/802.11/dcn/20/11-20-0332-04-000m-rsnxe-interoperability-issue.docx into the TGmd draft.

* + - 1. Moved: Jouni MALINEN
			2. Seconded: Dan HARKINS
			3. Discussion:
				1. Review document changes made in R4.
				2. There was a grammar error that was noted for the Editors.
				3. Editors: so this is the note for the RSNXE interop motion: can you please update that "is" --> "are" when applying 332r4? Thanks
				4. 332r4, 13.7.1: "contents of the RSNXE is" --> need to be "are"
			4. **Result for Motion #222: Unanimous Consent – Motion Passes.**
		1. **Motion #223– CID 4155**

Resolve CID 4155 as “Revised” with a resolution of “Make the changes as shown in 11-19/1564r9 ([https://mentor.ieee.org/802.11/dcn/19/11-19-1564-09-000m-originator-block-ack-state.docx](https://urldefense.proofpoint.com/v2/url?u=https-3A__mentor.ieee.org_802.11_dcn_19_11-2D19-2D1564-2D09-2D000m-2Doriginator-2Dblock-2Dack-2Dstate.docx&d=DwQFaQ&c=C5b8zRQO1miGmBeVZ2LFWg&r=NTHtA_KHOOrju0kuqznMMhn2PgeiJdiVcWeUfvVgSN4&m=POVLg3M2Znkp6qfIOeBvf3EvHRwVQ8iGTlkA3OLPjmM&s=_VPtSmdnZqG4v9G1aeaJxydeI7q5DPr9nv4XCjZ6DCI&e=)).  This clarifies the text for block ack state processing, as requested.”

* + - 1. Moved: Michael MONTEMURRO
			2. Seconded: Edward AU
			3. Discussion: none
			4. **Result for Motion #223: Unanimous Consent – Motion passes.**
	1. **Review doc 11-20/0272r12 - CID 4694 - Graham Smith (SR Technologies)**
		1. <https://mentor.ieee.org/802.11/dcn/20/11-20-0272-12-000m-cids-from-mike-to-graham-2.docx>
		2. CID 4694 (PHY)
			1. Review changes from last time we discussed the document.
			2. Proposal of Option 1 and Option2 (author prefers Option 2)
			3. Discussion on changes to the option 1.
			4. The change in D3.4 may not have this text remaining. Review the context of the changes in D3.4.
			5. Review 10.2.3.2 for context. This has been rewritten, so an update will need to be made relative to D3.4.
			6. Continue the review of the other changes.
				1. Note: 1825.15 and 1825.38 change article from “the” to “a”
			7. P1731 has a same construction that needs to be updated as well. Check against the D3.4 to ensure proper correction to match the 1717.62 change.
			8. Time on the Friday 31 July Telecon will be scheduled.
	2. **Review Doc 11-20/0435r7 - Mark Rison CIDs - Mark RISON (Samsung)**
		1. CIDs 4565, 4616, 4620, and 4623 for direction, 4137, 4808 (re-visit), 4229/4266,
		2. <https://mentor.ieee.org/802.11/dcn/20/11-20-0435-07-000m-resolutions-for-some-comments-on-11md-d3-0-sb1.docx>
		3. CID 4137 (PHY)
			1. Alternate Proposal from Youhan KIM (Qualcomm): RevisedNote to Commenter:23.3.19 (PHY receive procedure) clearly states that S1G STAs “shall maintain PHY-CCA.inditation(BUSY, channel-list) for the predicted duration of the transmitted PPDU … for all … Reserved SIG or SIG-A Indication” (D3.3 P3434L28). This allows future 802.11 amendment(s) to set the reserved bit to the ‘other’ value (0 in this case), and S1G STAs will defer for the duration of that ‘new’ PPDU and not interfere with it. This allows S1G and future amendment STA to successfully coexist, and thus is a ‘reserved’ bit (reserved for future use).

The reserved bit is set to the value 1 because the SIG field is not scrambled, hence could have a long string of contiguous 0 bits, which could lead to high PAPR of the SIG symbol. Hence, reserved bits in PHY preamble are typically set to 1 to avoid such occurrence of long string of 0 bits.During the review of the comment, however, it was found that “Reserved SIG-B Indication” at REVmd D3.4 P3442.8 is not defined. While the comment was on short preamble, and SIG-B exists only for long preamble, this is deemed an error worth correcting. The instruction to editor below defines that term.

Instruction to Editor:Add the following sentence at REVmd D3.4 P3442L8.“Reserved SIG-B Indication is defined as an SIG-B with Reserved bits equal to 0 or MCS not included in 23.5 (Parameters forS1G-MCSs).”

* + - 1. Discussion of the alternate proposal.
				1. Original comment noted ambiguity.
				2. Discussion on the terminology that should be used.
			2. Indication that description of the bits being “ignored” should be described.
			3. Discussion of difference of MAC section and PHY sections in describing reserved bits. Receiver behaviour needs to be clearly noted.
			4. Concern on changing field names may cause confusion in future reviews/use of the standard.
			5. Discussion on the receiver behaviour when the reserved bit is 0 or not.
			6. Straw Poll: Change “Reserved” to “Fixed” as indicated in Clause 23?
				1. Yes, No, Abstain.
				2. Results of Straw Poll: 3-9-5
			7. Direction is to not make change to field name.
			8. Straw Poll on alternate Resolution:
				1. Add the following sentence at REVmd D3.4 P3442L8.“Reserved SIG-B Indication is defined as an SIG-B with Reserved bits equal to 0 or MCS not included in 23.5 (Parameters forS1G-MCSs).”
				2. Results: 8-0-7
			9. Suggest that we fix the grammar: change “defined as an SIG-B with” to “defined as a SIG-B with”
			10. Need to check if more than one reserved bit.
			11. Out of Time –
			12. ACTION ITEM: Mark R. and Youhan K. to work on the reflector to find a final resolution
	1. **Next Call is Wednesday, July 29th**
	2. **Adjourn 12:03pm**

**References:**

**July 22:**

1. <https://mentor.ieee.org/802.11/dcn/20/11-20-1001-05-000m-2020-july-august-agendas.docx>
2. <https://mentor.ieee.org/802.11/dcn/20/11-20-0323-00-0000-2nd-vice-chair-report-july-2020.pptx>
3. <https://mentor.ieee.org/802.11/dcn/19/11-19-2156>
4. <https://mentor.ieee.org/802.11/dcn/17/11-17-0920-27-000m-802-11revmd-editor-s-report.ppt>
5. <https://mentor.ieee.org/802.11/dcn/20/11-20-0947-01-000m-proposed-resolutions-for-cid-4050.doc>
6. <https://mentor.ieee.org/802.11/dcn/20/11-20-0947-02-000m-proposed-resolutions-for-cid-4050.doc>
7. <https://mentor.ieee.org/802.11/dcn/20/11-20-0150-15-000m-assorted-crs-revmd-draft-3-0.docx>
8. <https://mentor.ieee.org/802.11/dcn/20/11-20-0814-02-000m-proposed-resolutions-to-cids-4145-4146-and-4147.docx>
9. <https://mentor.ieee.org/802.11/dcn/20/11-20-0338-14-000m-revmd-initial-sa-comments-assigned-to-hamilton.docx>
10. <https://mentor.ieee.org/802.11/dcn/20/11-20-1114-01-000m-revmd-backoff-procedure-correction.docx>
11. <https://mentor.ieee.org/802.11/dcn/20/11-20-0272-10-000m-cids-from-mike-to-graham-2.docx>

**July 24:**

1. <https://mentor.ieee.org/802.11/dcn/20/11-20-1001-07-000m-2020-july-august-agendas.docx>
2. <https://mentor.ieee.org/802.11/dcn/20/11-20-0323-00-0000-2nd-vice-chair-report-july-2020.pptx>
3. <https://mentor.ieee.org/802.11/dcn/20/11-20-0929-06-000m-sb1-resolution-to-some-xdmg-cids.docx>
4. <https://mentor.ieee.org/802.11/dcn/20/11-20-0272-12-000m-cids-from-mike-to-graham-2.docx>
5. <https://mentor.ieee.org/802.11/dcn/20/11-20-0435-07-000m-resolutions-for-some-comments-on-11md-d3-0-sb1.docx>

**July 24 Motions and files:**

1. **Motion #July24: Previous Minutes -**

Approve the following minutes documents:

* June 17-19, <https://mentor.ieee.org/802.11/dcn/20/11-20-0915-02-000m-telecon-minutes-for-revmd-crc-june-17-19-2020.docx>
* June 24-30, <https://mentor.ieee.org/802.11/dcn/20/11-20-0956-04-000m-telecon-minutes-for-revmd-crc-june-24-30-2020.docx>
* July 8-10, <https://mentor.ieee.org/802.11/dcn/20/11-20-1030-02-000m-telecon-minutes-for-revmd-crc-july-8-10-2020.docx>
* July 15, <https://mentor.ieee.org/802.11/dcn/20/11-20-1099-00-000m-telecon-minutes-for-revmd-crc-july-15-2020.docx>
* July 17, [https://mentor.ieee.org/802.11/dcn/20/11-20-1111-00-000m-telecon-minutes-for-revmd-crc-july-17-2020.docx](https://urldefense.proofpoint.com/v2/url?u=https-3A__mentor.ieee.org_802.11_dcn_20_11-2D20-2D1111-2D00-2D000m-2Dtelecon-2Dminutes-2Dfor-2Drevmd-2Dcrc-2Djuly-2D17-2D2020.docx&d=DwMFaQ&c=C5b8zRQO1miGmBeVZ2LFWg&r=NTHtA_KHOOrju0kuqznMMhn2PgeiJdiVcWeUfvVgSN4&m=3GFoJbsxnMAXaL3PReiJvXXr6VuGv2RwEXMx2DX8hrU&s=ikIsU5BS3nYZ2ywPBYgW2MhDiokKkNWUZ0ihVHQy174&e=)
1. **Motion #210 – EDITOR (3+1 CIDs)**

Approve the comment resolutions in the “Motion-EDITOR-W” and “Motion-EDITOR-X” tabs in : <https://mentor.ieee.org/802.11/dcn/20/11-20-0010-10-000m-revmd-sa1-comments-for-editor-ad-hoc.xls>

1. **Motion #211: PHY (31 CIDs)**

Approve the comment resolutions in the “PHY Motion G” tab in <https://mentor.ieee.org/802.11/dcn/20/11-20-0145-14-000m-sb1-revmd-phy-sec-comments.xlsx>, except for 4669, 4683, 4671, 4728, 4682, 4463.

1. **Motion #212: PHY (6 CIDs)**

Approve the comment resolutions in the “PHY Motion G” tab in <https://mentor.ieee.org/802.11/dcn/20/11-20-0145-14-000m-sb1-revmd-phy-sec-comments.xlsx>, Changing the resolution for CID 4463 to refer to R6 of 11-20-0929 (not R2), for 4669, 4683, 4671, 4728, 4682, 4463

1. **Motion #213 – GEN CIDs (6 CIDs)**

Approve the comment resolutions in the “Motion GEN for July 24” tab in <https://mentor.ieee.org/802.11/dcn/20/11-20-0147-12-000m-sb1-revmd-gen-comments.xls>

1. **Motion #214 – MAC (19 CIDs)**

Approve the comment resolutions in the “Motion MAC-AQ” tab in <https://mentor.ieee.org/802.11/dcn/17/11-17-0927-62-000m-revmd-mac-comments.xls>

1. **Motion #215 – MAC CIDs – CID 4159**

Approve the comment resolutions in the “Motion MAC-MSCS in Assoc” tab in <https://mentor.ieee.org/802.11/dcn/17/11-17-0927-62-000m-revmd-mac-comments.xls>

1. **Motion #216 – MAC (2 CIDs)**

Approve the comment resolutions for CID 4444 and 4746 in the “Motion MAC-AQ” tab in <https://mentor.ieee.org/802.11/dcn/17/11-17-0927-62-000m-revmd-mac-comments.xls>

1. **Motion #217 – Insufficient Detail CIDs – EDITOR (10 CIDs) & EDITOR2 (1 CID)**

Approve the comment resolutions in the “Motion-EDITOR2-T” tab in <https://mentor.ieee.org/802.11/dcn/19/11-19-2160-11-000m-revmd-editor2-standards-association-ballot-comments.xlsx> and
Approve the comment resolutions in the “Insufficient Detail” tab in <https://mentor.ieee.org/802.11/dcn/20/11-20-0010-10-000m-revmd-sa1-comments-for-editor-ad-hoc.xls>

1. **Motion #218 – Insufficient Detail CIDs – PHY (41 CIDs)**

Approve the comment resolutions in the “Insufficient Details” tab in <https://mentor.ieee.org/802.11/dcn/20/11-20-0145-14-000m-sb1-revmd-phy-sec-comments.xlsx> Except for CID 4751

1. **Motion #219– Insufficient Detail CIDs – GEN (18 CIDs)**

Approve the comment resolutions in the “Insufficient Details Motion” tab in <https://mentor.ieee.org/802.11/dcn/20/11-20-0147-12-000m-sb1-revmd-gen-comments.xls>

1. **Motion #220 – Insufficient Detail– MAC (6 CIDs)**

Approve the comment resolutions in the “Motion MAC Insufficient detail” tab in <https://mentor.ieee.org/802.11/dcn/17/11-17-0927-62-000m-revmd-mac-comments.xls>

1. **Motion #221 - Random SAE fixes**

Incorporate the text changes in the “Proposed Change” sections in <https://mentor.ieee.org/802.11/dcn/20/11-20-0725-01-000m-random-sae-comments.docx> into the TGmd draft

1. **Motion #222– RSNXE interoperability fixes**

Incorporate the text changes in https://mentor.ieee.org/802.11/dcn/20/11-20-0332-04-000m-rsnxe-interoperability-issue.docx into the TGmd draft

1. **Motion #223– CID 4155**

Resolve CID 4155 as “Revised” with a resolution of “Make the changes as shown in 11-19/1564r9 ([https://mentor.ieee.org/802.11/dcn/19/11-19-1564-09-000m-originator-block-ack-state.docx](https://urldefense.proofpoint.com/v2/url?u=https-3A__mentor.ieee.org_802.11_dcn_19_11-2D19-2D1564-2D09-2D000m-2Doriginator-2Dblock-2Dack-2Dstate.docx&d=DwQFaQ&c=C5b8zRQO1miGmBeVZ2LFWg&r=NTHtA_KHOOrju0kuqznMMhn2PgeiJdiVcWeUfvVgSN4&m=POVLg3M2Znkp6qfIOeBvf3EvHRwVQ8iGTlkA3OLPjmM&s=_VPtSmdnZqG4v9G1aeaJxydeI7q5DPr9nv4XCjZ6DCI&e=)).  This clarifies the text for block ack state processing, as requested.”