IEEE P802.11
Wireless LANs

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| Telecon Minutes for REVmd - July 11 |
| Date: 2019-07-11 |
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Abstract

**11 July 2019 Teleconference Mintues**

This document contains the Minutes for the 11 July 2019 TGmd teleconference.

On June 28th, the TGmd teleconference on Thursday 2019-07-11 at 3PM Eastern time, for 2 hours, using the [join.me](http://join.me) was announced.

The agenda document is <https://mentor.ieee.org/802.11/dcn/19/11-19-0958-09-000m-2019-may-june-tgmd-teleconference-agendas.docx> .

Thanks to Mike Montemurro for taking minutes for this Telecon.

Teleconferences are subject to applicable policies and procedures, see below.

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  •       IEEE Code of Ethics

–       <https://www.ieee.org/about/corporate/governance/p7-8.html>

•       IEEE Standards Association (IEEE-SA) Affiliation FAQ

–       <https://standards.ieee.org/faqs/affiliation.html>

•       Antitrust and Competition Policy

–       <https://standards.ieee.org/content/dam/ieee-standards/standards/web/documents/other/antitrust.pdf>

•       IEEE-SA Patent Policy

–       <http://standards.ieee.org/develop/policies/bylaws/sect6-7.html>

–       <https://standards.ieee.org/about/sasb/patcom/>

 •       IEEE 802 Working Group Policies &Procedures (29 Jul 2016)

**1.0 802.11md - REVmd – Telecon, Thursday 11 July 2019, 15:00-17:00 ET**

* 1. **Call to Order** at 3:05pm ET by the TG Chair, Dorothy STANLEY (HPE)
	2. **Attendance:**
		1. Dorothy STANLEY (HPE)
		2. 2.2. Jon ROSDAHL (Qualcomm)
		3. 2.3. Mark HAMILTON (Ruckus/Commscope)
		4. 2.4. Michael MONTEMURRO (BlackBerry)
		5. 2.5. Edward AU (Huawei)
		6. 2.6. Thomas DERHAM (Broadcom)
		7. 2.7. Abhishek PATIL (Qualcomm)
		8. 2.8. Mark RISON (Samsung)
		9. 2.9. Menzo WENTINK (Qualcomm)
	3. **Review of Agenda document 11-19/958r09**
		1. <https://mentor.ieee.org/802.11/dcn/19/11-19-0958-09-000m-2019-may-june-tgmd-teleconference-agendas.docx>
		2. The proposed comment resolution topics:
		3. **2019-07-11 – 3 PM ET**
1. GEN CIDs – Jon ROSDAHL, 11-19-838 CID 2446
2. MAC CIDs – 11-19-551 Mark HAMILTON
3. CID 2234 - 11-19-610 – Emily QI – Edward AU to present
4. CID 2656 - 11-19-306 – Matthew FISCHER - revisit
5. CIDs in 11-19-841 - Carlos CORDEIRO – 2073, 2216 - revisit
6. 11aj CIDs – Michael MONTEMURRO – 2048, 2387 and 2678, reject reason for 2565
7. CID 2004, 2007 – 11-19-405, 11-19-396  – Abhi PATIL
8. 11-19-720, 11-19-721, 11-19-586r5 – Thomas DERHAM
9. CID 2300, 2388 – 11-19-574 – Graham SMITH
	* 1. Discussion on the order of processing
		2. Determine order for today:
10. Editor report – Edward AU
11. MAC CIDs – Mark HAMILTON
12. GEN CIDs – Jon ROSDAHL, 11-19-838 CID 2446
	1. **Editor report –** Edward AU
		1. D2.3 is ready for the Chair to review
		2. Once the review is completed, it will be uploaded.
	2. **Comment Resolutions:**
	3. **Presentation of document 11-19/551r4** Mark HAMILTON
		1. <https://mentor.ieee.org/802.11/dcn/19/11-19-0551-04-000m-revmd-lb236-comments-assigned-to-hamilton.docx>
		2. Any changes would be incorporated in to 11-19/551r5
		3. CID 2047 (MAC)
			1. If the references to IANA are normative, then the reference would need to be moved to the normative reference clause.
			2. The bibliographical references will need to be sorted out as an editorial task.
		4. CID 2437 (MAC)
			1. Review comment status and proposed changes.
			2. REVISED (MAC: 2019-06-28 22:28:02Z): Incorporate the changes as shown in 11-19/0551r5 (https://mentor.ieee.org/802.11/dcn/19/11-19-0551-05-000m-revmd-lb236-comments-assigned-to-hamilton.docx) for CID 2437, which adds text in 9.4.1.42 to clarify the format of the Finite Cyclic Group field.
			3. Mark Ready for Motion
		5. CID 2410 (MAC)
			1. Discussion on re-wording on proposed text updates to specification.
			2. Update resolution to refer to r5 of the document
			3. Proposed Resolution: CID 2410 (MAC): REVISED (MAC: 2019-07-11 22:58:43Z): Incorporate the changes indicated in 11-19/0551r5 (<https://mentor.ieee.org/802.11/dcn/19/11-19-0551-05-000m-revmd-lb236-comments-assigned-to-hamilton.docx>), which makes changes in the direction suggested by the comment.
			4. Mark Ready for Motion
		6. CID 2510 (MAC)
			1. Discussion on the use of wrap and its reference.
			2. The rejection reason should include a reference to the fact that wrap refers to NIST AES key wrap.
			3. The rejection should say that it is the NIST AES Key
			4. CID 2510 (MAC): Rejected: IGTK for FT is always wrapped with the NIST AES key wrap algorithm. The length resulting from the NIST AES key wrap algorithm is the length of the IGTK plus 8 octets, regardless of the length of the IGTK. The IGTK is (currently) always at least 16 octets long, so the figures are correct.
			5. Mark Ready for Motion
		7. CID 2295 (PHY)
			1. Review Comment status
			2. Proposed Resolution: REVISED (PHY: 2019-07-11 19:56:32Z) Incorporate the changes in the Proposed Resolution for CID 2295 in <https://mentor.ieee.org/802.11/dcn/19/11-19-0551-05-000m-revmd-lb236-comments-assigned-to-hamilton.docx>
			3. Mark Ready for Motion
		8. CID 2119 (MAC)
			1. Review Comment status
			2. Proposed Resolution: Revised. Change “STAAddress” to “PeerSTAAddress” in the parameter list and parameter description table for the MLME-GAS.confirm primitive (subclause 6.3.71.3.2, P582.25).
			3. Mark Ready for Motion
		9. CID 2351 (GEN)
			1. The changes are given in the Discussion section for the CID
			2. The instruction for each box gives the instruction. Read the paragraph and make the changes.
			3. Create a new section that has changes and duplicate the instructions that require a change.
			4. Proposed Resolution: CID 2351 (MAC): REVISED. Incorporate the changes as described in 11-19/0551r5 for CID 2351, which changes the phrasing to simply “fragment BA”, similarly to other features. These changes also make similar updates to the phrasing for “asymmetric block ack [operation, etc.]”
			5. Mark Ready for Motion
		10. CID 2091 (MAC)
			1. For security: “unicast” should be “pairwise”
			2. The definitions in 3.1 for unicast are not removed.
			3. Proposed Resolution: CID 2091 (MAC): Revised. Incorporate the changes indicated as “Recommended” in 11-19/0551r5 for CID 2091.
			4. Mark Ready for Motion
	4. **GEN AdHoc Comments** – Jon ROSDAHL
		1. CID 2467 (GEN)
			1. If “(M)” refers to the MAC SAP, there should only be one.
			2. The key box refers to the “legend” for the figure.
			3. There are two STAs in this figure and there are three MAC SAPs in the figure. The (M) at the top represents a virtual STA.
			4. A virtual STA is not defined in the IEEE 802.11 standard. The behavior is defined in clause 4.9.4
			5. The “virtual” terminology needs to go away. The description should be the MAC that is presented to higher layers.
			6. Proposed Resolution: REVISED (GEN: 2019-07-11 20:31:30Z) Copy the key box

"(M) – MAC SAP

(U) – Uncontrolled port

(C) - Controlled port"

from Figure 5-1 to Figure 5-2 and Figure 5-7.

Note to the commenter: The third (M) at the top of the Transparent FST Entity is the MAC SAP presented to an upper layer by the FST. See Clause 4.9.4 - "When transparent FST is used, the STA shall present a single MAC SAP to higher layers for all frequency bands/channels in which it uses that MAC address"

* + - 1. Mark Ready for Motion
		1. CID 2514 (GEN)
			1. No discussion.
			2. Proposed Resolution: ACCEPTED (GEN: 2019-07-11 20:38:53Z)
			3. Mark Ready for Motion
		2. CID 2537 (GEN), CID 2538 (GEN), and CID 2539 (GEN)
			1. Assign to Stephen McCann
			2. Mark Rison to contact Stephen McCann on details of the comments.
		3. CID 2559 (GEN) and CID 2560 (GEN)
			1. Assign to Brian Hart.
		4. CID 2564 (GEN)
			1. This sentence is important to keep. Two independent STAs need to exchange information.
			2. SMEs can relay information through the multiband entity.
			3. Proposed Resolution: Reject - The text is not incorrect.
			4. Mark Hamilton to provide Reject Resolution text.
			5. Assign to Mark Hamilton.
		5. CID 2592 (GEN)
			1. There are 6 occurrences.
			2. “remote” was to distinguish between the “local” peer and “remote” peer.
			3. Proposed Resolution: ACCEPTED (GEN: 2019-07-11 21:01:34Z)
			4. Mark ready for Motion.
		6. CID 2597 (GEN)
			1. No objection to droping hyphen
			2. Proposed Resolution: ACCEPTED (GEN: 2019-07-11 21:03:29Z)
			3. Mark Ready for Motion.
	1. **Adjourn 5:04pm ET**

**References:**

1. <https://mentor.ieee.org/802.11/dcn/19/11-19-0958-09-000m-2019-may-june-tgmd-teleconference-agendas.docx>
2. <https://mentor.ieee.org/802.11/dcn/19/11-19-0551-04-000m-revmd-lb236-comments-assigned-to-hamilton.docx>
3. <https://mentor.ieee.org/802.11/dcn/19/11-19-0551-05-000m-revmd-lb236-comments-assigned-to-hamilton.docx>