IEEE P802.11  
Wireless LANs

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| TGmd CRC 2020 April - July teleconference and adhoc agendas | | | | |
| Date: 2020-04-17 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Dorothy Stanley | Hewlett Packard Enterprise | 3333 Scott Blvd, Santa Clara CA 95054 | +1 630-363-1389 | dorothy.stanley@hpe.com |
| Michael Montemurro | BlackBerry Ltd | 4701 Tahoe Blvd, Mississauga, ON Canada L4W 0B4 | +1 289-261-4183 | mmontemurro@blackberry.com |

Abstract

This document contains the draft agenda for the April - July 2020 teleconferences and adhoc meetings.

R0: Initial draft

R1: Posted after the 2020-04-03 teleconference

R2: Posted after the 2020-04-08 teleconference

R3: Posted after the 2020-04-15 teleconference, includes draft motions for 2020-04-17

R4: Posted before the 2020-04-17 teleconference

R5: Posted after the 2020-04-17 teleconference, includes motion results

# 2020 April – July Teleconference Agendas

TGmd will hold teleconferences for the purpose of initial SA ballot comment resolution and presentations.

See the TGmd calendar entries at: <http://grouper.ieee.org/groups/802/11/>

**The draft agenda for the teleconferences is below:**

1.       Call to order, attendance (<https://imat.ieee.org/attendance> ), and patent policy

a.       **Patent Policy: Ways to inform IEEE:**

1. Cause an LOA to be submitted to the IEEE-SA ([patcom@ieee.org](mailto:patcom@ieee.org)); or
2. Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
3. Speak up now and respond to this Call for Potentially Essential Patents

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

b.      Patent, Participation slides: See slides 5-12 in <https://mentor.ieee.org/802.11/dcn/20/11-20-0308-00-000m-2020-march-tgmd-agenda.pptx>

c. Adhoc meeting reminders:

April 21-23 Cambridge UK – Not in person; teleconference plan is below.

2.       Editor report – Emily QI/Edward AU

3.       Comment resolution

1. **2020-04-21 Tuesday 4-6pm Eastern 2 hours (ad-hoc week)**
   1. Alfred Asterjadhi - <https://mentor.ieee.org/802.11/dcn/20/11-20-0446-00-000m-assorted-comment-resolutions.docx>
   2. Youhan Kim – CIDs 4022, 4023 PHY CIDs - <https://mentor.ieee.org/802.11/dcn/20/11-20-0536-01-000m-d3-0-phy-cr.docx>
   3. Matthew Fischer presentations
      1. <https://mentor.ieee.org/802.11/dcn/19/11-19-1564-01-000m-originator-block-ack-state.docx>,
      2. <https://mentor.ieee.org/802.11/dcn/19/11-19-1562-01-000m-all-sta-crs-mcs-negotiation.docx> ,
      3. <https://mentor.ieee.org/802.11/dcn/19/11-19-1778-04-000m-india-ch-167-169-173.pptx>
      4. <https://mentor.ieee.org/802.11/dcn/20/11-20-0516-00-000m-cr-mscs-and-cid4158.docx>
2. **2020-04-22 Wednesday 4-6pm Eastern 2 hours (ad-hoc week)**
   1. Emily QI – CID 4046 in <https://mentor.ieee.org/802.11/dcn/20/11-20-0247-02-000m-initial-sb-proposed-resolutions-for-bp-comments.doc>
   2. Edward AU –
      1. CIDs 4005-4012 11-20-629
      2. <https://mentor.ieee.org/802.11/dcn/20/11-20-0270-07-000m-resolutions-for-some-initial-sa-ballot-comments-on-11md-d3-0-part-ii.docx> and
      3. <https://mentor.ieee.org/802.11/dcn/20/11-20-0371-01-000m-resolution-for-cmmg-mac-related-cids-4217-4218-and-4250.docx>
   3. Dan Harkins <https://mentor.ieee.org/802.11/dcn/20/11-20-0543-00-000m-privacy-for-password-identifiers.docx>
3. **2020-04-23 Thursday 4-6pm Eastern 2 hours (ad-hoc week)**
   1. Jon ROSDAHL – GEN CIDs
   2. Mark RISON - CIDs **–** 60 minutes
   3. Sean COFFEY – CID 4229
4. **2020-04-24 Friday 10 am Eastern 2 hours (ad-hoc week)**
   1. Jon ROSDAHL – GEN CIDs
   2. Mark RISON - CIDs **–** 60 minutes
5. **2020-04-29 Wednesday 4-6pm Eastern 2 hours** 
   1. Jon ROSDAHL – GEN CIDs
   2. Mark RISON - CIDs – 60 minutes
6. **2020-05-01 Friday 10 am Eastern 2 hours** 
   1. Jon ROSDAHL – GEN CIDs
   2. Mark RISON - CIDs – 60 minutes
7. **2020-05-06 Wednesday 4-6pm Eastern 2 hours**
8. **2020-05-08 Friday 10 am Eastern 2 hours**
9. **2020-05-13 Wednesday 4-6pm Eastern 2 hours**
10. **2020-05-15 Friday 10 am Eastern 2 hours** 
    1. Motions
11. **2020-05-20 Wednesday 4-6pm Eastern 2**
12. **2020-05-22 Friday 10 am Eastern 2 hours**
13. **2020-05-27 Wednesday 4-6pm Eastern 2 hours**
14. **2020-05-29 Friday 10 am Eastern 2 hours**
15. **2020-06-03 Wednesday 4-6pm Eastern 2 hours**
16. **2020-06-05 Friday 10 am Eastern 2 hours**
17. **2020-06-10 Wednesday 4-6pm Eastern 2 hours**
18. **2020-06-12 Friday 10 am Eastern 2 hours**
19. **2020-06-17 Wednesday 4-6pm Eastern 2 hours**
20. **2020-06-19 Friday 10 am Eastern 2 hours**
21. **2020-06-24 Wednesday 4-6pm Eastern 2 hours**
22. **2020-06-26 Friday 10 am Eastern 2 hours**
23. **2020-07-01 Wednesday 4-6pm Eastern 2 hours**
24. **2020-07-03 Friday 10 am Eastern 2 hours**
25. **2020-07-08 Wednesday 4-6pm Eastern 2 hours**
26. **2020-07-10 Friday 10 am Eastern 2 hours**

4.       AOB

Review TGmd schedule – roughly 400 comments remaining; target D 4.0 in July? D5.0 to Revcom

July/Aug: 15 day recirc D4.0

Aug-Sept comment resolution D4.0

Sept D5.0 WG approval

Sept – D5.0 Recirc/Unchanged recirc

6 Oct – 802 EC Aproval, Draft TGme PAR (next revision)

13 October – Draft to RevCom

2020 Dec RevCom/SASB

5. Adjourn

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

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

**IEEE Code of Ethics**

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

**IEEE Standards Association (IEEE-SA) Affiliation FAQ**

<http://standards.ieee.org/faqs/affiliation.html>

**Antitrust and Competition Policy**

<http://standards.ieee.org/resources/antitrust-guidelines.pdf>

**Letter of Assurance Form**

[http://standards.ieee.org/develop/policies/bylaws/sect6-7.html#loa](http://standards.ieee.org/develop/policies/bylaws/sect6-7.html)

[https://development.standards.ieee.org/myproject/Public//mytools/mob/loa.pdf](http://standards.ieee.org/board/pat/pat-slideset.ppt)

**IEEE-SA Patent Committee FAQ & Patent slides**

<http://standards.ieee.org/board/pat/faq.pdf> and <http://standards.ieee.org/board/pat/pat-slideset.ppt>

**The current version of the IEEE-SA Standards Board Bylaws is available at:**

<http://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdf> (PDF version)

**The current version of the IEEE-SA Standards Board Operations Manual is available at:**

<http://standards.ieee.org/develop/policies/opman/sb_om.pdf> (PDF version)

**IEEE 802 Policies & Procedures (Approved June 2014)**

<http://standards.ieee.org/board/aud/LMSC.pdf>

**IEEE 802 Operations Manual (Approved 13 July 2018)**

<https://mentor.ieee.org/802-ec/dcn/17/ec-17-0090-22-0PNP-ieee-802-lmsc-operations-manual.pdf>

**IEEE 802 Working Group Policies & Procedures (29 July 2016)**

<http://www.ieee802.org/PNP/approved/IEEE_802_WG_PandP_v19.pdf>

**IEEE 802 LMSC Chair's Guidelines (Approved 13 July 2018)**

<https://mentor.ieee.org/802-ec/dcn/17/ec-17-0120-27-0PNP-ieee-802-lmsc-chairs-guidelines.pdf>

**Participation in IEEE 802 Meetings**

<https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>

**IEEE 802.11 WG Operations Manual (Approved 13 July 2018):**

<https://mentor.ieee.org/802.11/dcn/14/11-14-0629-22-0000-802-11-operations-manual.docx>

* **The** [**IEEE-SA Standards Board Bylaws**](http://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdf) **require that “participants in the IEEE standards development individual process shall act based on their qualifications and experience”**
* **This means participants:**
  + **Shall act & vote** based on their personal & independent opinions derived from their expertise, knowledge, and qualifications
  + **Shall not act or vote** based on any obligation to or any direction from any other person or organization, including an employer or client, regardless of any external commitments, agreements, contracts, or orders
  + **Shall not direct** the actions or votes of other participants or retaliate against other participants for fulfilling their responsibility to act & vote based on their personal & independently developed opinions
* **By participating in standards activities using the “*individual process*”, you are deemed to accept these requirements; if you are unable to satisfy these requirements then you shall immediately cease any participation**

**Prior agendas and motions**

1. **2020-04-01 Wednesday – 4:00-6pm Eastern \*\*\*\*\*Teleconference announced with 10 day notice\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*(London is +5)**
   1. Emily QI - <https://mentor.ieee.org/802.11/dcn/20/11-20-0141-15-000m-sa1-proposed-resolutions-for-editor-adhoc.doc> . CIDs 4800, 4587, 4375 – 20 minutes
   2. Mark RISON - CIDs **–** 60 minutes
   3. Jon ROSDAHL – GEN CIDs – 30 minutes
2. **2020-04-03 Friday 10 am Eastern 2 hours \*\*\*\*\*Teleconference announced with 10 day notice\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* (London is +5)**
   1. Dan Harkins - <https://mentor.ieee.org/802.11/dcn/20/11-20-0351-00-000m-sae-sb1-resolutions.docx> and <https://mentor.ieee.org/802.11/dcn/20/11-20-0459-01-000m-internationalized-character-support.docx>, and <https://mentor.ieee.org/802.11/dcn/20/11-20-0543-00-000m-privacy-for-password-identifiers.docx> .
   2. Edward Au: <https://mentor.ieee.org/802.11/dcn/20/11-20-0270-06-000m-resolutions-for-some-initial-sa-ballot-comments-on-11md-d3-0-part-ii.docx> and https://mentor.ieee.org/802.11/dcn/20/11-20-0371-01-000m-resolution-for-cmmg-mac-related-cids-4217-4218-and-4250.docx
3. **2020-04-08 Wednesday – 4:00-6pm Eastern \*\*\*\*\*Teleconference announced with 10 day notice\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*(London is +5)**
   1. Youhan KIM – PHY CIDs - <https://mentor.ieee.org/802.11/dcn/20/11-20-0536-01-000m-d3-0-phy-cr.docx>
   2. Christopher HANSEN <https://mentor.ieee.org/802.11/dcn/20/11-20-0225-03-000m-cid-4076-draft-text.docx>
   3. Mathew FISCHER –
      1. <https://mentor.ieee.org/802.11/dcn/19/11-19-1564-01-000m-originator-block-ack-state.docx>,
      2. <https://mentor.ieee.org/802.11/dcn/19/11-19-1562-01-000m-all-sta-crs-mcs-negotiation.docx> ,
      3. <https://mentor.ieee.org/802.11/dcn/19/11-19-1778-04-000m-india-ch-167-169-173.pptx>
      4. <https://mentor.ieee.org/802.11/dcn/20/11-20-0435-01-000m-resolutions-for-some-comments-on-11md-d3-0-sb1.docx>
4. **2020-04-10 – no teleconference scheduled, Good Friday**
5. **2020-04-15 Wednesday – 4:00-6pm Eastern \*\*\*\*\*Teleconference announced with 10 day notice\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*(London is +5)**
   1. Jon ROSDAHL – GEN CIDs
   2. Mark RISON - CIDs **–** 60 minutes <https://mentor.ieee.org/802.11/dcn/20/11-20-0435-01-000m-resolutions-for-some-comments-on-11md-d3-0-sb1.docx>
   3. Nehru BHANDARU – CID 4204 in <https://mentor.ieee.org/802.11/dcn/20/11-20-0246-08-000m-d30crs.docx>
6. **2020-04-17 Friday 10 am Eastern 2 hours \*\*\*\*\*Teleconference announced with 10 day notice\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* (London is +5)**
   1. Chris Hansen/Tomo ADACHI – CID 4041 <https://mentor.ieee.org/802.11/dcn/20/11-20-0507-00-000m-cid-4041-resolution.docx>
   2. Tomo ADACHI –CID 4043 <https://mentor.ieee.org/802.11/dcn/20/11-20-0458-01-000m-resolution-to-cid-4043.docx>
   3. Michael Montemurro - <https://mentor.ieee.org/802.11/dcn/20/11-20-0568-00-000m-remove-channel-14.docx>
   4. Dan Harkins - <https://mentor.ieee.org/802.11/dcn/20/11-20-0351-00-000m-sae-sb1-resolutions.docx>
   5. Edward Au:
      1. <https://mentor.ieee.org/802.11/dcn/20/11-20-0270-07-000m-resolutions-for-some-initial-sa-ballot-comments-on-11md-d3-0-part-ii.docx> and
      2. https://mentor.ieee.org/802.11/dcn/20/11-20-0371-01-000m-resolution-for-cmmg-mac-related-cids-4217-4218-and-4250.docx
   6. **Teleconference minutes motion – Jan through April 8 minutes: Move to approve the following minutes documents:**
7. Minutes for REVmd CRC -Jan 2020 - Irvine: 11-20/0146r0 -   
   <https://mentor.ieee.org/802.11/dcn/20/11-20-0146-00-000m-minutes-for-revmd-crc-jan-2020-irvine.docx>
8. Jan 31-2020:  11-20/259r0  
   <https://mentor.ieee.org/802.11/dcn/20/11-20-0259-00-000m-telecon-minutes-for-revmd-crc-jan-31-2020.docx>
9. Feb 7 and 14 2020: 11-20/260r1  
   <https://mentor.ieee.org/802.11/dcn/20/11-20-0260-01-000m-telecon-minutes-for-revmd-crc-feb-7-and-14-2020.docx>
10. AdHoc - Feb 18-20 - Sunrise-FL:  11-20/261r0   
    <https://mentor.ieee.org/802.11/dcn/20/11-20-0261-00-000m-minutes-for-revmd-crc-adhoc-feb-18-20-sunrise-fl.docx>
11. Mar 6 2020: 11-20/431r0   
    <https://mentor.ieee.org/802.11/dcn/20/11-20-0431-00-000m-telecon-minutes-for-revmd-crc-mar-6-2020.docx>
12. March 11 and 13 2020: 11-20/262r2

<https://mentor.ieee.org/802.11/dcn/20/11-20-0262-02-000m-telecon-minutes-for-revmd-crc-march-11-and-13-2020.docx>

1. March 20 2020: 11-20/263r0

<https://mentor.ieee.org/802.11/dcn/20/11-20-0263-00-000m-telecon-minutes-for-revmd-crc-march-20-2020.docx>

1. March 25 and 27 2020: 11-20/550r2  
   <https://mentor.ieee.org/802.11/dcn/20/11-20-0550-02-000m-telecon-minutes-for-revmd-crc-march-25-and-27-2020.docx>
2. April 1 and 3 2020: 11-20/561r1  
   <https://mentor.ieee.org/802.11/dcn/20/11-20-0561-01-000m-telecon-minutes-for-revmd-crc-april-1-and-3-2020.docx>
3. April 8 2020: 11-20/598r0  
   <https://mentor.ieee.org/802.11/dcn/20/11-20-0598-00-000m-telecon-minutes-for-revmd-crc-april-8-2020.docx>
   1. Moved: Jon Rosdahl
   2. Seconded: Michael Montemurro
   3. Result: 13-0-3 Passes
   4. **Motion 175: PHY CIDs – 30 CIDs** 
      1. Approve comment resolutions included in “PHY Motion D” tab in <https://mentor.ieee.org/802.11/dcn/20/11-20-0145-08-000m-sb1-revmd-phy-sec-comments.xlsx>
      2. Moved: Michael Montemurro
      3. Seconded: Jon Rosdahl
      4. Result:  14-1-4 Passes
   5. **Motion 176: MAC CIDs – 1 CID**
      1. Approve comment resolutions included in the "Motion MAC-AN" tab in: https://mentor.ieee.org/802.11/dcn/17/11-17-0927-58-000m-revmd-mac-comments.xls
      2. Moved: Stephen McCann
      3. Seconded: Mark Rison
      4. Result: Unanimous
   6. **Motion 177: GEN CIDs – 4 CIDs**
      1. Approve comments included in the “Motion March-April 3” tab in <https://mentor.ieee.org/802.11/dcn/20/11-20-0147-07-000m-sb1-revmd-gen-comments.xls>
      2. Moved: Jon Rosdahl
      3. Seconded: Stephen McCann
      4. Result: Unanimous
   7. **Motion 178: Editor2 CIDs – 4 CIDs**
      1. Approve the comment resolutions included in “Motion-EDITOR2-Q” " in <https://mentor.ieee.org/802.11/dcn/19/11-19-2160-09-000m-revmd-editor2-standards-association-ballot-comments.xlsx>
      2. Moved: Edward Au
      3. Seconded: Michael Montemurro
      4. Result:  Unanimous
   8. **Motion 179: Editor CIDs – NOT 4800 – 5 CIDs**
      1. Approve the resolutions included in the “Motion-EDITOR-U” tab in <https://mentor.ieee.org/802.11/dcn/20/11-20-0010-07-000m-revmd-sa1-comments-for-editor-ad-hoc.xls>
      2. Moved: Emily Qi
      3. Seconded: Edward Au
      4. Result: Unanimous
   9. **Motion 180: 11-20-459 Internationalized character support**
      1. Incorporate the text changes into the TGmd draft in <https://mentor.ieee.org/802.11/dcn/20/11-20-0459-01-000m-internationalized-character-support.docx> into the TGmd draft
      2. Moved: Stephen McCann
      3. Seconded: Jouni Malinen
      4. Result:  Unanimous
   10. **Motion 181: 11-20-225 Add optional 8 PSK MCS 10 and 11 to DMG SC PHY**
       1. Resolve CID 4076 as “Revised” with a resolution of “Incorporate the text changes into the TGmd draft in <https://mentor.ieee.org/802.11/dcn/20/11-20-0225-04-000m-cid-4076-draft-text.docx> into the TGmd draft. These changes add optional 8 PSK MCS 10 and 11 to the DMG SC PHY.”
       2. Moved: Chris Hansen
       3. Seconded: Nelson Costa
       4. Result: 11-0-7 Passes
   11. **Motion 182: Additional text changes; Refer to** [**https://mentor.ieee.org/802.11/dcn/20/11-20-0435-01-000m-resolutions-for-some-comments-on-11md-d3-0-sb1.docx Page 25**](https://mentor.ieee.org/802.11/dcn/20/11-20-0435-01-000m-resolutions-for-some-comments-on-11md-d3-0-sb1.docx%20Page%2025)**, related to but distinct from CID 4809 which is already resolved**
       1. Incorporate the text changes into the TGmd draft:
          1. In D3.2, change “in response to the reception of”/“in response to the receipt of” to “in response to” at 637.33, 971.18/21/22, 1181.14, 1600.24, 1654.28, 1656.30, 2033.55, 2332.48, 2467.55, 2478.38, 3042.28, 3539.50, 4016.40, 4620.37, 4621.55. At 4611.43 change “in response to the receipt of MLME-” to “in response to an MLME-”. [This is all instances of “in response to the rec” except the one on page 1908.]
       2. Moved: Mark Rison
       3. Seconded: Mark Hamilton
       4. Result:  Unanimous
   12. **Straw poll: Indicate support for as many as you find acceptable:**
       1. **Accepted (draft motion 183)** Throughout the draft, replace "collocated" (254 occurrences) and "colocated" (2 occurrences) with "co-located".
       2. **Revised**
          1. Replace 3 instances of “colocated” with either “collocated” or “co-located”.

At 1484.13: change to “The Co-Located BSSID List subelement is present when there is at least one other BSS that is co-located within the same physical device as the reporting BSS.”

At 3907.17: change to “supporting collocated interference reporting. The capability is disabled, otherwise."

At 3907.31: change to “support collocated interference reporting is enabled.”

* + 1. **Rejected**
    2. **Result:**
       1. **Acccept-11111 1111 9**
       2. **Revise-11111 11 7**
       3. **Reject-11111 1 6**
       4. **Abstain -11 2**
  1. **Motion 183: Editor CID 4800, and 4167 – Colocated – Revised, see** <https://mentor.ieee.org/802.11/dcn/20/11-20-0141-17-000m-sa1-proposed-resolutions-for-editor-adhoc.doc>
     1. Approve the resolution to CIDs 4800 and 4167 as “Revised” with a resolution of
        1. Replace 3 instances of “colocated” with either “collocated” or “co-located”.

At 1484.13: change to “The Co-Located BSSID List subelement is present when there is at least one other BSS that is co-located within the same physical device as the reporting BSS.”

At 3907.17: change to “supporting collocated interference reporting. The capability is disabled, otherwise."

At 3907.31: change to “support collocated interference reporting is enabled.”

* + 1. Moved: Mark Rison
    2. Seconded: Emily Qi
    3. Result: 9-5-3 Motion fails
  1. **Motion 184: Editor CID 4800, 4167 – Colocated - Accept**
     1. Approve the resolution to CID 4800 included in the “Motion-EDITOR-T” tab in <https://mentor.ieee.org/802.11/dcn/20/11-20-0010-07-000m-revmd-sa1-comments-for-editor-ad-hoc.xls> and resolve CID 4167 with the same resolution
     2. Moved: Mark Rison
     3. Seconded: Stephen McCann
     4. Result: 8-5-3 Motion fails
  2. **Motion 185: Editor CID 4800, and 4167 – Colocated – Rejected, no consensus**
     1. Approve the resolution to CIDs 4800 and 4167 as “Rejected” with a resolution of “The CRC discussed this comment at length and did not come to consensus to make the change. Concerns raised include introduction if additional hyphenation, unnecessary editing effort, no confusion introduced buy the current text. See the discussion in item 1.6.4 in <https://mentor.ieee.org/802.11/dcn/20/11-20-0561-01-000m-telecon-minutes-for-revmd-crc-april-1-and-3-2020.docx> .”
     2. Moved: Michael Montemurro
     3. Seconded: Dan Harkins
     4. Result: 11-2-3 passes

**References:**