IEEE P802.11  
Wireless LANs

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| TGmd CRC 2020 July- August teleconference agendas | | | | |
| Date: 2020-07-24 | | | | |
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|  |  |  |  |  |

Abstract

This document contains the draft agenda for the July – August 2020 teleconference meetings.

R0: Initial draft, posted prior to the 2020-07-08 teleconference

R1: Includes updated CID list, header correction, prior to 2020-07-08 teleconference

R2: Includes updates per 2020-07-08 teleconference, prior to 2020-07-10 teleconference

R3: Includes updates per 2020-07-10 teleconference, Motion 209 results.

R4: Includes updates per 2020-07-15 teleconference

R5: Includes updates per 2020-07-17 teleconference

R6: Includes updates per 2020-07-22 teleconference, prepared motions

R7: Includes updates per 2020-07-22 teleconference, updated prepared motions

# 2020 July – August 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 and policy related slides: See slides 4-19 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

1. **2020-07-24 Friday 10 am Eastern 2 hours –** 
   1. **Motion: 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/20/11-20-1030-01-000m-telecon-minutes-for-revmd-crc-july-8-10-2020.docx**](https://mentor.ieee.org/802.11/dcn/20/11-20-1030-01-000m-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=)
      7. **Moved:**
      8. **Seconded:**
      9. **Result:**
   2. **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. **Moved:**
      3. **Seconded:**
      4. **Result:**
   3. **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)**
      2. **Moved:**
      3. **Seconded:**
      4. **Result:**
   4. **Motion – GEN (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>
      2. **Moved:**
      3. **Seconded:**
      4. **Result:**
   5. **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**
      2. **Moved:**
      3. **Seconded:**
      4. **Result:**
   6. **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)
      2. **Moved:**
      3. **Seconded:**
      4. **Result:**
   7. **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)
      2. **Moved:**
      3. **Seconded:**
      4. **Result:**
   8. **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. **Moved:**
      3. **Seconded:**
      4. **Result:**
      5. **Information: CID 4751 is on same topic as CID 4146 (Osama) under discussion**
   9. **Motion – Insufficient Detail CIDs – GEN (18 CIDs)**
      1. **Approve the comment resolutions in the “Insufficient Details” tab in** <https://mentor.ieee.org/802.11/dcn/20/11-20-0147-12-000m-sb1-revmd-gen-comments.xls>
      2. **Moved:**
      3. **Seconded:**
      4. **Result:**
   10. **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>
       2. **Moved:**
       3. **Seconded:**
       4. **Result:**
   11. **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**
       2. **Moved:**
       3. **Seconded:**
       4. **Result:**

* 1. **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.**
     2. **Moved:**
     3. **Seconded:**
     4. **Result:**
  2. **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.”**
     2. **Moved:**
     3. **Seconded:**
     4. **Result:**
  3. Graham Smith CID 4694 <https://mentor.ieee.org/802.11/dcn/20/11-20-0272-10-000m-cids-from-mike-to-graham-2.docx>
  4. 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>
  5. 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,

1. **2020-07-29 Wednesday 4-6pm Eastern 2 hours**
   1. Specification terminology – Rison, Knodel
   2. Mark RISON – CID 4286
   3. Guido HIERTZ – CID 4003, <https://mentor.ieee.org/802.11/dcn/20/11-20-1116-00-000m-resolution-to-cid-4003.docx>
   4. Gaurav PATWARDHAN - non-AP STA TXOP frame bursting, <https://mentor.ieee.org/802.11/dcn/20/11-20-1076-01-000m-non-ap-sta-txop-frame-bursting.pptx> and <https://mentor.ieee.org/802.11/dcn/20/11-20-1104-01-000m-proposed-changes-in-scs-10-23-2-2-and-10-23-2-9.docx>
   5. Osama ABOUL-MAGD - https://mentor.ieee.org/802.11/dcn/20/11-20-0814-02-000m-proposed-resolutions-to-cids-4145-4146-and-4147.docx
   6. Jon ROSDAHL – GEN CIDs
2. **2020-07-31 Friday 10 am Eastern 2 hours** 
   1. Mark HAMILTON – MAC CIDs – 4370, 4820, 4653, 4652
3. **2020-08-03 Monday 3-5pm Eastern 2 hours**
4. **2020-08-04 Tuesday 3-5pm Eastern 2 hours**
5. **2020-08-05 Wednesday 4-6pm Eastern 2 hours**
6. **2020-08-07 Friday 10 am Eastern 2 hours: Proposed motions, Motion for recirculation**
7. **Announce next set of teleconferences: Propose Monday August 3, and Tuesday August 4 at 3-5PM Eastern**

4.       AOB

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, 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 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 <https://mentor.ieee.org/802.11/dcn/19/11-19-2145-00-0000-2nd-vice-chair-report-january-2020.pptx> and 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>

**IEEE SA Copyright Policy**, see Clause 7 of the IEEE SA Standards Board Bylaws, [https://standards.ieee.org/about/policies/bylaws/sect6-7.html#7](https://standards.ieee.org/about/policies/bylaws/sect6-7.html) , and Clause 6.1 of the IEEE SA Standards Board Operations Manual, <https://standards.ieee.org/about/policies/opman/sect6.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 (Effective 28 May 2020)**

<https://mentor.ieee.org/802-ec/dcn/17/ec-17-0090-23-0PNP-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**

See:

* <https://mentor.ieee.org/802.11/dcn/20/11-20-0535-29-000m-2020-april-july-teleconference-agendas.docx>
* <https://mentor.ieee.org/802.11/dcn/20/11-20-0234-20-000m-2020-jan-mar-teleconference-and-adhoc-agendas.docx>

1. **2020-07-08 Wednesday 4-6pm Eastern 2 hours**
   1. 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>
   2. Mark Rison CIDs 4277, 4423, 4178/4575/4576, 4717/4718, 4746, 4394/4395, 4696, 4229/4266, 4625 additional changes related to. See <https://mentor.ieee.org/802.11/dcn/20/11-20-0435-06-000m-resolutions-for-some-comments-on-11md-d3-0-sb1.docx>   
      Still under development: 4293, 4298/4299, 4694 (also Graham in 11-20-272).
   3. Matthew Fischer <https://mentor.ieee.org/802.11/dcn/20/11-20-0516-17-000m-cr-mscs-and-cid4158.docx> CID 4159; 4158 previously motioned is updated.
2. **2020-07-10 Friday 10 am Eastern 2 hours** 
   1. **Motion 209** – **CID 4695, due to coordination with 11ax changes**
      1. **Resolve CID 4695 as “Revised” with a resolution of “Incorporate the changes in** [**https://mentor.ieee.org/802.11/dcn/20/11-20-0320-03-000m-resolution-for-cid-4695.docx**](https://mentor.ieee.org/802.11/dcn/20/11-20-0320-03-000m-resolution-for-cid-4695.docx) **which restrict use of the Filtered Neighbor AP subfield to TVHT APs.**
      2. **Moved: Abhi Patil**
      3. **Seconded: Stephen McCann**
      4. **Result: 9-0-0 Passes**
   2. Stephen MCCANN – CIDs 4096, 4097 <https://mentor.ieee.org/802.11/dcn/20/11-20-0820-02-000m-gas-and-rlqp-comments-proposed-resolutions.doc>
   3. Assaf KASHER – xDMG CIDs, <https://mentor.ieee.org/802.11/dcn/20/11-20-0929-00-000m-sb1-resolution-to-some-xdmg-cids.docx>
   4. Menzo WENTINK – including CIDs 4725, 4438, 4439, <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/20/11-20-0650-02-000m-cids-4438-4439-delete-ht-delayed-block-ack.docx>
   5. Jon ROSDAHL – GEN CIDs
3. **2020-07-15 Wednesday 4-6pm Eastern 2 hours – July Plenary meeting**
   1. Youhan KIM – CID 4710, 4569
   2. Mark RISON – CIDs 4629, 4630, 4395, 4363, 4137
   3. Mark RISON CIDs 4746, 4394/4395, 4696, 4229/4266, 4625 additional changes related to. See <https://mentor.ieee.org/802.11/dcn/20/11-20-0435>

Also see <https://mentor.ieee.org/802.11/dcn/20/11-20-1081-00-000m-operational-rates-and-mcss-8213-revmd-sb1-cid-4229.docx> re: CIDs 4229, 4266  
Still under development: 4293, 4298/4299, 4694 (also Graham in 11-20-272).

* 1. Michael MONTEMURRO – PHY CIDs – 4671, 4694
  2. Jon ROSDAHL – GEN CIDs

1. **2020-07-17 Friday 10 am Eastern 2 hours** 
   1. Emily QI – CID 4050 <https://mentor.ieee.org/802.11/dcn/20/11-20-0947>
   2. Mark RISON – CID 4087, 4756, 4286 (July 29), 4137 (July 22), 4629, 4630, 4363, 4229/4266 (July 22), 4293, 4298/4299 in <https://mentor.ieee.org/802.11/dcn/20/11-20-0435>
   3. Assaf KASHER – CID 4463, <https://mentor.ieee.org/802.11/dcn/20/11-20-0929>
   4. Gaurav PATWARDHAN - non-AP STA TXOP frame bursting, <https://mentor.ieee.org/802.11/dcn/20/11-20-1076-01-000m-non-ap-sta-txop-frame-bursting.pptx> and <https://mentor.ieee.org/802.11/dcn/20/11-20-1104-01-000m-proposed-changes-in-scs-10-23-2-2-and-10-23-2-9.docx>
   5. Menzo WENTINK – including CIDs 4761 (July 22), 4725, <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>
2. **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 4811, 4764, 4762, 4315 https://mentor.ieee.org/802.11/dcn/20/11-20-0150-15-000m-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/20/11-20-0814-02-000m-proposed-resolutions-to-cids-4145-4146-and-4147.docx
   4. Mark HAMILTON – MAC CIDs 4479, 4677, <https://mentor.ieee.org/802.11/dcn/20/11-20-0338-14-000m-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> - out of time

**References:**