IEEE P802.11  
Wireless LANs

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| Minutes REVmd – September, October and November Telecons | | | | |
| Date: 2017-09-29 | | | | |
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Abstract

This file contains the minutes for the 4 telecons scheduled to be held in September, October and November 2017.

R0: September 29th Telecon

R1:

Color Code

CIDs Ready for Motion

CIDs needing more work

CIDs previously marked ready and have been updated.

1. **802.11 TGmd Telecon** – September 29, 2017 10:00-12:00 ET
   1. **Called to order** by the chair, Dorothy STANLEY (HPE) at 10:02am ET.
   2. **Present** during some portion of the call:
      1. Dorothy STANLEY (chair) - HPE
      2. Graham SMITH – SR Technologies
      3. Osama ABOUL-MAGD - Huawei
      4. Emily QI – Intel Corporation
      5. Mark RISON – Samsung
      6. Mike MONTEMURRO – (Blackberry)
      7. Manish KUMAR (Marvel)
      8. Sean Coffey (Realtek)
      9. Edward AU (Huawei)
      10. Gabor BAJKO (Mediatek)
      11. Mark Hamilton (Brocade)
      12. Menzo WENT…(Qualcomm)
   3. **Review Patent Policy** and Participation Policy
      1. Patent policy slideset was reviewed
      2. Call for patents issued. Nobody came forward
      3. Participation Slide was reviewed.
   4. **Approve Agenda**:

The draft agenda for the September 29th teleconference was sent by email:

1.       Call to order, attendance, and patent policy

a.       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:**

 i.      Either speak up now or  
 ii.      Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible or  
 iii.      Cause an LOA to be submitted

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

2.       Editor report – Emily QI

a.       Editor report document: <https://mentor.ieee.org/802.11/dcn/17/11-17-0920-04-000m-802-11revmd-editor-s-report.ppt>b.      Comments received in the recent comment collection are here: <https://mentor.ieee.org/802.11/dcn/17/11-17-0914-03-000m-revmd-wg-cc-comments.xls>

3.       Comment resolution. Scheduled:

a. Graham SMITH – 45 mins

i. CIDs 60 (PCO Phased co-existence operation), 66 (Strictly Ordered Service Class), 67 (L-SIG TXOP protection mechanism), <https://mentor.ieee.org/802.11/dcn/17/11-17-0989-04-000m-resolutions-for-obsolete-and-repace-comments-d0-1.docx>

ii. CIDs 57 (BlockAckReq variant), 58 (Basic BlockAck variant) and 61 (NON\_HT Block Ack), <https://mentor.ieee.org/802.11/dcn/17/11-17-1137-02-000m-resolutions-for-obsolete-blockack.docx>

b. Mark RISON CIDs – 45 mins

c. Gabor BAJKO – 15 mins

i. <https://mentor.ieee.org/802.11/dcn/17/11-17-1524-01-000m-comment-50-and-51-proposed-resolutions.docx>

4.       AOB, next call on Friday October 6th

5.       Adjourn

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* + 1. No objection to the Agenda as planned.
  1. **Editor report** – Emily QI

a.       Editor report document: [https://mentor.ieee.org/802.11/dcn/17/11-17-0920-04-000m-802-11revmd-editor-s-report.ppt](https://mentor.ieee.org/802.11/dcn/17/11-17-0920-03-000m-802-11revmd-editor-s-report.ppt)b.      Comments received in the recent comment collection are here: <https://mentor.ieee.org/802.11/dcn/17/11-17-0914-03-000m-revmd-wg-cc-comments.xls>

* + 1. Editors are preparing updated Draft with 82 approved comments from Waikoloa session.
    2. 4 comments need clarification on the version of the referenced document, for document 11-17/1400. Dorothy and Emily will contact Dan Harkins off-line.
    3. CID 243 is in the database referring to 11-17/1243r2, which was not posted. Mark RISON has now posted it. Reviewed minutes from Aug for this CID. Agreed that text is needed to describe the meaning of “shown” in the interpretation of wording subclause. Mark Rison’s 11-17/1243r2 has proposed text that needs to be reviewed by the group.
  1. **Comment resolution.**
  2. **Review Submissions from Graham SMITH, 11-17/989r4 (**<https://mentor.ieee.org/802.11/dcn/17/11-17-0989-04-000m-resolutions-for-obsolete-and-repace-comments-d0-1.docx>**)**
     1. CIDs 60, 66, 67 and 68 (MAC):
     2. These are all comments about removing obsolete text.
     3. Several CIDs that were in this document have been moved into separate documents, to make the process more manageable.
     4. Reviewed CIDs still left in this document
     5. CIDs 60, 66, and 67 (MAC):
        + These were previously agreed to remove the text, in general, but specific editing instructions were needed. Graham has provided those details in this revision of the document.
        + Menzo agreed to help review these details, for next week.
        + Noted that CID 68 has already been done and motioned. Ignore that one in this document.
  3. **Review Submissions from Graham SMITH, 11-17/1137r3 (**<https://mentor.ieee.org/802.11/dcn/17/11-17-1137-03-000m-resolutions-for-obsolete-blockack.docx>**)**
     1. CIDs 57, 58, 61 and 70 (MAC)
        + Reviewed details on Table 9-22. Noted that
        + Also noted that there is a NOTE at 712.5, that “BlockAckReq”, unless otherwise qualified, means all the of variants. Graham tried to keep that in mind when making changes.
        + It gets complicated for PSMP, which uses the basic variant. But, that appears to be restricted to non-HT block ack, which is obsolete, so delete that text.
        + No immediate comments.
        + Menzo volunteered to review this document off-line. We’ll target the Oct 6 call to revisit, if Menzo can get it done by then.
     2. Graham is also working on a comment to remove PCF. Looking for thoughts about how to rename “PIFS”, since it currently means PCF IFS. He’s suggesting Priority InterFrame Space, but open to other suggestions.
  4. **Mark RISON, 11-17/1243r2 (**<https://mentor.ieee.org/802.11/dcn/17/11-17-1243-02-000m-resolutions-for-some-comments-on-11md-d0-1-cc25.docx>**)**
     1. CID 243 (EDITOR):
        + Per above agenda introduction, the subclause 1.4 changes need to be reviewed.
        + Mark also found a couple more places where the change to “shown” was needed, and those have been added.
        + Subclause 1.4 text looks okay.
        + Reviewed added places for “shown” replacement.
        + If we need Table I-2 to be normative (at 2455.12), because that is the only definition of this behaviour (and we want to change the word to “shown”), then we need to move the table into a normative clause. Decided this table is informative, so leave the word “illustrated”, and leave the table as is in Annex I.
        + On P2466, first paragraph, there are several references to the Tables that show the constellation mapping rules, but Figure 17-10 also shows these mappings. Which is normative and which is informative? We’ve agreed to change 2463.61 to shown, so leave 2466 items as “shown” for now.
        + With this discussion, we didn’t make any changes to 11-17/1243r2 (other than clarification in the comments). So, for CID 243, we’ll motion it again in November, just to be clear. Emily will “unmark” the current status, to show that it is not motioned yet.
        + REVISED. Incorporate changes in 11-17/1243r2.
        + Ready for motion
     2. CID 264 (MAC):
        + Mark has moved the proposed new text as requested last time.
        + Discussion about the new NOTE 2: This is odd and broad language. Also, this is a normative instruction (taking precedence), can it be in a NOTE? Wouldn’t it better to fix the places in the text that are in conflict, and fix them in place? But, we believe that is an error-prone approach. We think there is some existing text that similarly broad – couldn’t find it quickly.
        + Mark will take the comments today under advisement, and bring this back.
     3. CID 191 (PHY):
        + Reviewed options presented by Mark. Prefer to explicitly state “each intended receiver” when more than one receiver.
        + With this direction, Mark will finish the detailed resolution.
        + Assign to Mark RISON.
     4. CID 207 (PHY):
        + Reviewed comments and proposed resolution.
        + No objection. Ready for Motion.
        + REVISED. At 648.5½ add “. If the actual value of the length of the HT-STF is not an integer number of microseconds, the value is rounded up to the next higher value.” to the end of the rightmost cell  
          At 648.15½ add “. If the actual value of the length of the Additional HT-LTFs is not an integer number of microseconds, the value is rounded up to the next higher value.” to the end of the rightmost cell.
        + Menzo will get off-line review by PHY experts.
        + Mark will post the comment and resolution to the 802.11 reflector, also.
     5. CID 205 (PHY):
        + Assign this CID to Mark RISON
        + Reviewed comments and proposed resolution.
        + Would like to get some feedback, to check if there are any issues with existing implementations. Looks like it is only important in HT PPDUs in the computation of L\_LENGTH.
        + Will mark ready for motion now, and check off-line.
        + Mark Rison will send this to the 802.11 reflector, also.
        + REVISED. At 648.17, after “excluding aPHYSigTwoLength if present” add “and the SERVICE field if it is in the Data field of the PPDU”.
        + Ready for motion.
  5. **Gabor BAJKO, 11-17/1524r1 (**<https://mentor.ieee.org/802.11/dcn/17/11-17-1524-01-000m-comment-50-and-51-proposed-resolutions.docx>)
     1. CID 50 (MAC):
        + Reviewed comments and proposed resolution.
        + Felt this paragraph would be confusing without the parenthetical clause.
        + Clarify the editor instructions, we have covered both locations in the first paragraph of the resolution, and don’t need the additional note to the editor.
        + Gabor will post that in an R2.
        + REVISED. Incorporate the changes as shown in 11-17/1524r2 for CID 50. These changes clarify the usage. Ready for motion.
     2. CID 51 (MAC):
        + Reviewed comments and proposed resolution.
        + No objections.
        + REVISED. Remove the cited sentence. Note to commenter: upper layers mechanisms exist and are well defined to deal with IP conflict situations.
        + Ready for Motion.
  6. **Next call is Oct 6th**
     1. Proposed presenters: Graham SMITH, Mark HAMILTON, Ganesh VENKATESAN, Kaz SAKODA
  7. **Adjourned at 11:52am ET**

**References:**

**Teleconferences are subject to applicable policies and procedures:**

•       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>

•       IEEE-SA Patent Policy

–       <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)

–       <http://standards.ieee.org/board/pat/faq.pdf>

–       <http://standards.ieee.org/board/pat/pat-slideset.ppt>

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

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

•       IEEE 802 LMSC Chair's Guidelines (Approved 17 Mar 2017)

–       <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0201-00-00EC-ieee-802-lmsc-chairs-guidelines.pdf> as updated in <https://mentor.ieee.org/802-ec/dcn/17/ec-17-0016-06-00EC-march-2017-rule-changes.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 OM: (Approved 17 Mar 2017)

–       <https://mentor.ieee.org/802.11/dcn/14/11-14-0629-19-0000-802-11-operations-manual.docx>

**September 29th telecon:**

**Editor Report:**

<https://mentor.ieee.org/802.11/dcn/17/11-17-0920-04-000m-802-11revmd-editor-s-report.ppt>

<https://mentor.ieee.org/802.11/dcn/17/11-17-0914-03-000m-revmd-wg-cc-comments.xls>

**Submissions:**

1. <https://mentor.ieee.org/802.11/dcn/17/11-17-0989-04-000m-resolutions-for-obsolete-and-repace-comments-d0-1.docx>
2. <https://mentor.ieee.org/802.11/dcn/17/11-17-1137-03-000m-resolutions-for-obsolete-blockack.docx>
3. <https://mentor.ieee.org/802.11/dcn/17/11-17-1243-02-000m-resolutions-for-some-comments-on-11md-d0-1-cc25.docx>
4. <https://mentor.ieee.org/802.11/dcn/17/11-17-1524-01-000m-comment-50-and-51-proposed-resolutions.docx>