IEEE P802.11  
Wireless LANs

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| IEEE 802.11 MAC Ad hoc  March 2019 TGax Meeting Minutes | | | | |
| Date: 2019-03-14 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Jason Yuchen Guo | Huawei Technologies |  |  | guoyuchen@huawei.com |
| Kiseon Ryu | LG Electronics |  |  | kiseon.ryu@lge.com |

Abstract

TGax, MAC Ad Hoc meeting minutes from the IEEE 802.11, March 12th - 13th, 2019.

**IEEE 802.11 Task Group ax, MAC Ad hoc**

**March 2019 Meeting, Vancouver, Canada**

**Mar 11 – 15, 2019**

**Tuesday, March 12th, 2019, AM2 TGax MAC Ad Hoc Session (10:30 - 12:30)**

1. **The meeting called to order at 10:30 AM by Osama Aboul-Magd (Huawei Technologies), the chairperson of 802.11 TGax.**
   1. Introduction of TGax leadership.
2. **Agenda Setting**
   1. Proposed agenda for Tuesday AM2:
      1. Call meeting to order
      2. IEEE-SA IPR policy and Procedure
      3. Submissions and comment resolution
      4. Recess
   2. Chair asked if there is any item to add to the agenda. 🡪 No response.
   3. Chair asked if there is any objection to proceed with this agenda. 🡪 No objection.
      1. The agenda was accepted.
3. **Reminder and Announcement**
   1. Chair reminded that we are still operating under the IEEE-SA P&P.
   2. Chair asked people to state name and affiliation when addressing the group for the first time in a session.
   3. Attendance: <https://imat.ieee.org/attendance>
4. **Comment Resolution**
   1. **Po-kai Huang (Intel) presented “CR for HE Beacon” based on the submission 11-19-288-01.**
      1. Summary
         1. Resolutions for the comments with following CIDs on the IEEE 802.11ax D4.0 are proposed.
            1. Relevant CIDs: 21163, 21571, 21296, 21292, 21293, 21508.
      2. Discussion
         1. The comment asking for clarification of the difference of the combination of GI and LTF type in the PHY section. The presenter clarified.
         2. The comment is asking for some wording change. The presenter changed the text as suggested.
         3. Change the parameter name to Channel\_Bandwidth.
      3. **Straw Poll: Do you accept resolution to CIDs 21163, 21571, 21296, 21292, 21293, 21508 in doc 11-19/288r2?**
         1. **Result: Accepted with no objection**
      4. Next Step
         1. Approval by the TG motion.
   2. **Abhishek Patil (Qualcomm) presented “Resolution for CIDs in 9.3.1.22,” based on the submission 11-19-0394-00.**
      1. Summary
         1. Resolutions for the comments with CIDs 20419, 20093, 20283, 20002, 20003, 21480, 21101, 21481, 20597, 20218, 20971, 21545, 20509, 20999, 21000, 20004, 21546, 20005, 20191, 21602, 20478, 20479, 20639, 21040, 21504, 20574, 20285, 20287, 20008, 20009 on the IEEE 802.11ax D4.0 are proposed.
      2. Discussion
         1. No discussion.
      3. **Straw Poll: Do you accept resolution to CIDs 20419, 20093, 20283, 20002, 20003, 21480, 21101, 21481, 20597, 20218, 20971, 21545, 20509, 20999, 21000, 20004, 21546, 20005, 20191, 21602, 20478, 20479, 20639, 21040, 21504, 20574, 20285, 20287, 20008, 20009 in doc 11-19/394r0?**
         1. **Result: Accepted with no objection**
      4. Next Step
         1. Approval by the TG motion.
   3. **Abhishek Patil (Qualcomm) presented “Resolution for CIDs on BSS color - part 1,” based on the submission 11-19-0395-00.**
      1. Summary
         1. A resolution for the comment with CIDs 20061, 21489, 21490, 20063, 20064, 21491, 20084, 20930, 20931 on the IEEE 802.11ax D4.0 is proposed.
      2. Discussion
         1. (CID 21491) Minor editorial change.
         2. A comment on the TDLS part in Page 6. A suggestion: the initiating STA selects the color. The presenter agrees to change.
      3. **Straw Poll: Do you accept resolution to CIDs 20061, 21489, 21490, 20063, 20064, 21491, 20084, 20930, 20931in doc 11-19/395r1?**
         1. **Result: Accepted with no objection**
      4. Next Step: Approval by the TG motion.
   4. **Po-kai Huang (Intel) presented “CR for Multiple BSSID Bug Fix” based on the submission 11-19-289-01.**
      1. Summary
         1. A resolution for the comment with CIDs 21147, 21148, 21149, 21150, 21151, 21152, 21153, 21154, 21155, 21156, 21165, 20412, 20031, 20018 on the IEEE 802.11ax D4.0 is proposed.
      2. Discussion
         1. CID 21147. Question on how to determine the end of the element.
         2. Defer the resolution of CID 20018
      3. **Straw Poll: Do you accept resolutions to CIDs IDs: 21147, 21148, 21149, 21150, 21151, 21152, 21153, 21154, 21155, 21156, 21165, 20412, 20031, ~~20018~~ in doc 11-19/0289r2?**
         1. **Result: Accepted with no objection**
      4. Next Step: Approval by the TG motion.
5. **Recess**
   1. TGax is in recess @ 12:30 until start of Tuesday PM2

**Wednesday, March 13th, 2019, PM2 TGax Session (04:00PM-06:00PM)**

1. **The meeting called to order at 04:05pm by Osama Aboul-Magd (Huawei Technologies), the TGax chair** 
   1. 49 people are in the room.
2. **Announcement**
   1. Agenda Doc.11-19/0453 on the server. Rev. 1 is the working document.
   2. Meeting Protocol: The Chair asked for state name and affiliation when speaking for the first time.
   3. Attendance reminder.
      1. The attendance server: https://imat.ieee.org/
3. **The chair reviewed the mandatory 5 slides of P&P.**
   1. Instructions from the WG Chair. [reviewed~~, did not review~~]
   2. Participants, Patents, and Duty to Inform. [reviewed~~, did not review~~]
   3. Patent Related Links. [reviewed~~, did not review~~]
   4. Call for potentially essential patents.
      1. Chair asked if anyone is aware of potentially essential patents

[Asked. ~~Did not ask~~]

* + 1. Potentially essential patents

[None reported~~. Reported as follows~~]

* 1. Other Guidelines for IEEE WG Meetings.

1. **The Chair called for presentations**
   1. No additional presentation
2. **The Chair asked for approval of the agenda**
   1. No objection raised
3. **Presentation of contributions**
   1. **11-19/0492r2, “CR for MU-RTS/CTS”**

CID 20007, 20159, 20160, 20721, 20888, 20994, 20995, 21125, 20310, 20311, 21413, 21460, 20540, 20548, 21181, 21488

* + 1. Presented by Po-Kai Huang (Intel)

SP deferred for further check by Alfred.

* 1. **11-19/04160, “CR for Spatial reuse”**

CID 20337, 20338, 20569, 20615, 20669, 20677, 20948, 21038, 21060, 21094, 21095, 21483, 21484, 21485 (14 CIDs)

* + 1. Presented by Laurent Cariou (Intel)

CIDs 21038, 21060, and 21095 are deferred.

SP1: Do you agree to resolutions to CIDs 20337, 20338, 20569, 20615, 20669, 20677, 20948, 21094, 21483, 21484, 21485 in doc 11-19/0416r1?

SP passed with no objection.

* 1. **11-19/0414r0, “CR for NFRP”**

CID 20260, 20261, 20362, 20363, 20364, 20575, 21134, 21135, 21136, 20420, 21142 (11CIDs)

* + 1. Presented by Laurent Cariou (Intel)

The document reviewed up to CID 20364

The MAC adhoc meeting adjourned at 06:00pm.