IEEE P802.11  
Wireless LANs

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| IEEE 802.11  Minutes of TGax CRC Weekly Teleconferences March 2020 | | | | |
| Date: 2020-03-26 | | | | |
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Abstract

This document contains the minutes from the TGax teleconferences on March 26th, 2020.

Revision History:

* R0: Initial version.

**Monday, March 26th, 2020, TGax CRC Teleconference (10:00 - 12:00 ET)**

1. **The meeting called to order at 10:03 AM (ET) by Osama Aboul-Magd (Huawei Technologies), the chairperson of 802.11 TGax.**
   1. Introduction of TGax chairperson and secretary.
   2. The agenda document 20/0538r0 is on the server.
2. **Attendees**
   1. Osama Aboul-Magd (Huawei Technologies)
   2. Dmitry Akhmetov (Intel)
   3. Alfred Asterjadhi (Qualcomm)
   4. Stephane Baron (Canon)
   5. Rui Cao (NXP)
   6. Cheng Chen (Intel)
   7. Xiaogang Chen (Intel)
   8. Liwen Chu (NXP)
   9. Sean Coffey (RealTek)
   10. Claudio da Silva (Intel)
   11. Jonathan Goldberg (IEEE)
   12. Duncan Ho (Qualcomm)
   13. Po-Kai Huang (Intel)
   14. Yasuhiko Inoue (NTT)
   15. Feng Jiang (Huawei Technologies)
   16. Srinivas Kandala (Samsung)
   17. Youhan Kim (Qualcomm)
   18. Jarkko Kneckt (Apple)
   19. Abhishek Patil (Qualcomm)
   20. Al Petrick (InterDigital)
   21. Mark Rison (Samsung)
   22. Jon Rosdahl (Qualcomm)
   23. Sigurd Schelstraete (Quantenna)
   24. Robert Stacey (Intel)
   25. Bin Tian (Qualcomm)
   26. Allert van Zelst (Qualcomm)
   27. Pascal Viger (Canon)
   28. Menzo Wentink (Qualcomm)
   29. Rui Yang (InterDigital)
3. **Agenda Setting**
   1. Proposed agenda for the TGax Teleconference on March 16th, 2020.
      1. Call meeting to order
      2. IEEE-SA IPR policy and Procedure
      3. Attendance Reminder – Please send an e-mail to Yasuhiko Inoue (yasu.inoue.h2k5@gmail.com) and/or Osama Aboul-Magd (Osama.aboulmagd@huawei.com)
      4. Motions related to the submission discussed last week
         1. <https://mentor.ieee.org/802.11/dcn/20/11-20-0297-00-00ax-cr-for-7-cids.docx> - Jarkko Kneckt
         2. <https://mentor.ieee.org/802.11/dcn/20/11-20-0369-02-00ax-cr-cid-24054.docx> - Po-Kai Huang
         3. <https://mentor.ieee.org/802.11/dcn/20/11-20-0352-01-00ax-cr-d6-0-he-phy-service-interface.docx> - Bo Sun
         4. <https://mentor.ieee.org/802.11/dcn/20/11-20-0348-01-00ax-mac-cr-misc-cids-in-clause-3.docx> - Alfred Asterjadhi
         5. <https://mentor.ieee.org/802.11/dcn/20/11-20-0349-00-00ax-mac-cr-misc-cids-in-clause-10.docx> - Alfred Asterjadhi
         6. [https://mentor.ieee.org/802.11/dcn/20/11-20-0315-00-00ax-resolution-for-cids-related-to-multiple-bssid.docx](https://mentor.ieee.org/802.11/dcn/20/11-20-0315-00-00ax-resolution-for-cids-related-to-multiple-bssid.docx%20)   - Abhishek Patil
         7. <https://mentor.ieee.org/802.11/dcn/20/11-20-0316-00-00ax-resolution-for-cids-related-to-bss-color.docx>  – Abhishek Patil
         8. <https://mentor.ieee.org/802.11/dcn/20/11-20-0318-00-00ax-resolution-for-cids-related-to-uora.docx> – Abhishek Patil
         9. <https://mentor.ieee.org/802.11/dcn/20/11-20-0445-01-00ax-mac-cr-misc-cids-in-clause-9.docx> – Alfred Asterjadhi
      5. CR Submissions
         1. <https://mentor.ieee.org/802.11/dcn/20/11-20-0317-00-00ax-resolution-for-misc-cids.docx> – Abhishek Patil
         2. <https://mentor.ieee.org/802.11/dcn/20/11-20-0514-00-00ax-11ax-draft-6-0-phy-comment-resolutions.docx> – Yan Zhang
         3. <https://mentor.ieee.org/802.11/dcn/20/11-20-0376-01-00ax-cr-txvector-inactive-subchannels-and-more.docx-> Matt Fischer
         4. <https://mentor.ieee.org/802.11/dcn/18/11-18-0218-08-00ax-fragment-flushing-blockackreq.docx> - Matt Fischer
         5. <https://mentor.ieee.org/802.11/dcn/20/11-20-0529-00-00ax-cr-24235-24236-psr-20-mhz-normalization.docx> - Matt Fischer
      6. AoB
      7. Adjourn
   2. Chair asked if there is any objection to proceed with this agenda. 🡪 No objection.
      1. **The agenda for the TGax teleconference on March 26th, 2020 is approved.**
4. **Announcements**
   1. Chair asked the attendees to announce name and the affiliation when addressing the group for the first time during a meeting slot.
   2. Attendance: Please send an e-mail to Yasuhiko Inoue (yasu.inoue.h2k5@gmail.com) and/or Osama Aboul-Magd ([Osama.aboulmagd@huawei.com](mailto:Osama.aboulmagd@huawei.com)). Thanks to Jon Rosdahl, the IMAT is also available to record the attendance.
   3. Chair asked people to put the cellphone mute of switch off.
5. **IEEE 802 and 802.11 IPR policy and procedure**
   1. Patent Policy:
   2. Participants have a duty to inform the IEEE - done.
      * Participants shall inform the IEEE (or cause the IEEE to be informed) of the identity of each holder of any potential Essential Patent Claims of which they are personally aware if the claims are owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents
      * Participants should inform the IEEE (or cause the IEEE to be informed) of the identity of any other holders of potential Essential Patent Claims
   3. Ways to inform IEEE: - done
      * Cause an LOA to be submitted to the IEEE-SA (patcom@ieee.org); or
      * Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
      * 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
      1. Chair asked if anyone in this meeting is aware of any potentially essential patents.
         1. **No potentially essential patent reported.**
   4. Other guidelines for IEEE WG meetings – done
   5. Patent-related information – done
   6. Participant behavior in IEEE-SA activities is guided by the IEEE Codes of Ethics & Conduct - done
   7. Participants in the IEEE-SA “individual process” shall act independently of others, including employers - done
   8. IEEE-SA standards activities shall allow the fair & equitable consideration of all viewpoints - done
6. **Motions related to the submissions discussed last week**
   1. **CID 24523 and 24457 in Doc.11-20-0297r3 “CR For 7 CIDs,” by Jarkko Kneckt (Apple)**
      1. Jarkko presented the updates of the proposed resolution to the CID 24523 and 24457.
         1. Discussion
            1. CID 24523: The group discussed what was the point of OMI if the OM parameters that AP uses are not reliable for the STAs as described in the resolution column.
         2. **Straw Poll: Do you agree with the resolution to CID 24523 in doc 11-20/0297r3?**
            1. **Result: Y/N/A = 9/2/7**
         3. Discussion
            1. CID 24457: .
         4. **Straw Poll (Suggestions for changes supporting CID 24457): Do you accept to resolve CID 24457 as Revised and change the following text:**
            * **At 49.16 change "the 5 to 7.125 GHz bands" [sic] to "the 5 and 6 GHz bands”**
            1. **Result: Y/N/A = 11/2/8**
   2. Due to audio issue of the system, other motion will be considered during the next TGax CRC teleconference.
7. **CR submissions**
   1. **Po-Kai Huang (Intel) presented “11ax Comment Resolution Misc.,” based on the submission 11-20-0369-05.**
      1. Summary
         1. The resolution for the comments with CID 24054 related to the IEEE 802,11ax D6.0 is proposed.
         2. Po-Kai presented the updates from the previous version of this submission discussed on March 5th, 2020.
      2. Discussion
         1. A member asked for clarification of the difference between the Dynamic SM Power Save and the HE Dynamic SM Power Save. People may have different understanding of this feature.
         2. Some people mentioned that we have two choices of rejecting the comment or fully address the issue.
         3. A participant mentioned that we can clarify the difference but it may have nothing to do with the comment.
      3. Next Step
         1. More offline discussion.
   2. **Abhishek Patil (Qualcomm) presented “Resolution for MISC CIDs,” based on the submission 11-20-0317-02.**
      1. Summary
         1. Resolutions to the comments with following CIDs related to the IEEE 802,11ax D6.0 are proposed.
            1. CIDs: 24552, 24350, 24486, 24311, 24400, 24401, 24351, 24352, 24348, 24349, 24017
      2. Discussion
         1. CID 24552: Some participants asked for clarification of the resolution. After discussion by the group, this CID was deferred for more offline discussion.
         2. CID 24311: A participant mentioned he did not understand the resolution. Another member also commented on the text in the resolution column. After discussion, this CID was deferred for more discussion.
         3. CID 24352: The commenter is not happy with the resolution. Another member mentioned that the spec may be contradicting with other part. This CID was deferred for more offline discussion.
      3. Next Step
         1. Abhishek to revise the document.
8. **AoB**
   1. 18 minutes left. No other submissions fit in 18 minutes.
9. **Adjourn**
   1. TGax teleconference adjourned @ 12:46 (ET).