IEEE P802.11
Wireless LANs

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| IEEE 802.11TGax CRC Teleconference Minutes November 2020 |
| Date: 2020-11-15 |
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Abstract

This document contains the minutes of TGax CRC Teleconferences during November 2020.

Revision History:

* R0: Initial version.

Minutes of TGax CRC teleconference on November 13th, 2020.

**Friday, November 13th, 2020, TGax CRC Teleconference (10:00 AM - 12:00 ET)**

1. **The meeting called to order at 10:02 (ET) by Osama Aboul-Magd (Huawei Technologies), the chairperson of 802.11 TGax.**
	1. Introduction of TGax chairperson and secretary.
	2. The agenda document doc.11-20/1552r23 is the working document (r22 is on the server).
2. **Agenda Setting**
	1. Proposed agenda for the TGax online meeting on November 13th, 2020.
		1. Call meeting to order
		2. IEEE-SA IPR policy and Procedure
		3. Attendance Reminder – Please record your attendance on IMAT (imat.ieee.org)
		4. Minutes Approval
		5. SA-3 Ballot Results and Comments
		6. AoB
		7. Adjourn
	2. Chair asked if there is any objection to proceed with this agenda.
		1. Discussion – No discussion
		2. **The agenda for TGax online meeting on November 13th, 2020 was approved.**
3. **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
		* All IEEE-SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.
			+ Don’t discuss the interpretation, validity, or essentiality of patents/patent claims.
			+ Don’t discuss specific license rates, terms, or conditions.
				- Relative costs of different technical approaches that include relative costs of patent licensing terms January be discussed in standards development meetings.

Technical considerations remain the primary focus

* + - * Don’t discuss or engage in the fixing of product prices, allocation of customers, or division of sales markets.
			* Don’t discuss the status or substance of ongoing or threatened litigation.
			* Don’t be silent if inappropriate topics are discussed … do formally object.
	1. Patent-related information – done
		+ The patent policy and the procedures used to execute that policy are documented in the:
		+ *IEEE-SA Standards Board Bylaws* (http://standards.ieee.org/develop/policies/bylaws/sect6-7.html#6)
		+ *IEEE-SA Standards Board Operations Manual* (http://standards.ieee.org/develop/policies/opman/sect6.html#6.3)
		+ Material about the patent policy is available at
		+ [*http://standards.ieee.org/about/sasb/patcom/materials.html*](http://standards.ieee.org/about/sasb/patcom/materials.html)
	2. Participant behavior in IEEE-SA activities is guided by the IEEE Codes of Ethics & Conduct - done
	3. Participants in the IEEE-SA “individual process” shall act independently of others, including employers - done
	4. IEEE-SA standards activities shall allow the fair & equitable consideration of all viewpoints - done
1. **Attendance**
	1. <https://imat.ieee.org/>
		1. Please indicate the voter status by adding [V] or [NV] before your name on WebEx.
2. **Minutes Approval Motion**
	1. **Motion: Move to approve the minutes for November 2020 in doc:**

[**https://mentor.ieee.org/802.11/dcn/20/11-20-1785-01-00ax-tgax-november-2020-plenary-meeting-minutes.docx**](https://mentor.ieee.org/802.11/dcn/20/11-20-1785-01-00ax-tgax-november-2020-plenary-meeting-minutes.docx)**.**

* + 1. **Mover: Yasuhiko Inoue, Second: Edward Au**
		2. **Discussion – no discussion**
		3. **Result: Approved with unanimous consent.**
1. **SA-3 Ballot Results and Comments**
	1. Robert Stacey (Intel), the TGax technical editor, led the discussion presenting doc.11-20-1853-00 “SA2 Comments on TGax/D8.0.”
		1. URL of the document: <https://mentor.ieee.org/802.11/dcn/20/11-20-1853-00-00ax-sa3-comments-on-tgax-d8-0.xlsx>
		2. Summary
			1. Total three comments were submitted by a commenter.
		3. Discussion
			1. CID 26000: The same comment had been submitted several times. The chairperson suggested rejection for the same reason.
			2. CID 26001: A participant suggested rejection as the resolution for this comment since it is not on the changed text.
			3. CID 26002: The CRC discussed the problem and found that while there is some ambiguity around the operating class 136 applying to STA 6G wrt to the definition in 3.2, there is an alternate definition in 26.17.2.1 (page 482, line 44) that does not have this problem. The CRC, however, feels that an implementer would not be confused as to the applicability of operating class 136 to STA 6G.
			4. The doc.11-20-1853 was updated to r1.
		4. **CR Motion #1141: Move to accept the resolutions to CID 26000, 26001, 26002 in doc** [**https://mentor.ieee.org/802.11/dcn/20/11-20-1853-00-00ax-sa3-comments-on-tgax-d8-0.xlsx**](https://mentor.ieee.org/802.11/dcn/20/11-20-1853-00-00ax-sa3-comments-on-tgax-d8-0.xlsx)
			1. **Mover: Robert Stacey, Second: Mark Hamilton**
			2. **Discussion – no discussion.**
			3. **Result: Approved with unanimous consent.**
2. **Review and update the report to EC**
	1. The TGax chairperson presented the updates on the “**P802.11ax Report to EC on Conditional Approval to forward draft to RevCom” based on the submission doc.11-20-1771-06.**
		1. URL: <https://mentor.ieee.org/802.11/dcn/20/11-20-1771-06-00ax-p802-11ax-report-to-ec-on-conditional-approval-to-forward-draft-to-revcom.pptx>
		2. Summary
			1. Two voters changed their vote to yes.
			2. Updated the unsatisfied comments.
3. **AoB**
	1. The group confirmed that the D8.0 is the final version of the IEEE 802.11ax draft.
4. **Adjourn**
	1. TGax CRC Teleconference on November 13th, 2020 has adjourned @ 10:52 AM (ET).
5. **Attendees**

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| **Name** | **Affiliation** |
| Aboulmagd, Osama | Huawei Technologies Co. Ltd |
| Adachi, Tomoko | Toshiba |
| Au, Kwok Shum | Huawei Technologies Co. Ltd |
| Gan, Ming | Huawei Technologies Co. Ltd |
| Hamilton, Mark | Ruckus/CommScope |
| Inoue, Yasuhiko | NTT |
| Kim, Youhan | Qualcomm Incorporated |
| Montemurro, Michael | Huawei Technologies |
| Petrick, Albert | InterDigital |
| Rison, Mark | Samsung |
| Schelstraete, Sigurd | Quantenna/ON |
| Stacey, Robert | Intel |
| Suh, Jung Hoon | Huawei Technologies |
| Yi, Yongjiangjorn | Futurewei |