IEEE P802.11
Wireless LANs

|  |
| --- |
| TGax teleconference minutes from December 2017 to January 2018 |
| Date: 2017-12-11 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Yasuhiko Inoue | NTT | 1-1 Hikaro-no-oka, Yokosuka, Kanagawa 239-0847 Japan | ++81-46-859-5097 | inoue.yasuhiko@lab.ntt.co.jp |
|  |  |  |  |  |

Abstract

This document contains minutes of TGax teleconference from December 2017 to January 2018.

Rev. 0: Initial version.

Created by recording the minutes from TGax teleconference on December 7th, 2017.

Rev. 1: Fixed a security issue.

Rev. 2: Minutes from TGax teleconference on December 14th are included.

#  Teleconference on Thursday, December 7th, 2017, 20:00 – 22:00 (ET)

1. **Meeting called to order by Osama Aboul-Magd (Huawei Technologies), the chairperson of TGax @ 20:05 (ET).**
	1. Introduction of the chairperson Osama Aboul-Magd (Huawei Technologies) and the secretary Yasuhiko Inoue (NTT).
2. **Agenda Setting**
	1. Proposed Agenda
		1. Call the meeting to order
		2. IEEE 802 and 802.11 IPR Policy and Procedure
		3. Attendance (Please send an e.mail to Yasuhiko Inoue (inoue.yasuhiko@lab.ntt.co.jp) and/or Osama Aboul-Magd (osama.aboulmagd@huawei.com))
		4. Announcements
		5. January ad hoc meeting
			1. ePoll: <https://mentor.ieee.org/802.11/poll-vote?p=27300008&t=27300008>
		6. Presentation
			1. 11-17/1826, “CR Sounding Protocol Part 1,” Lochan Verma (Qualcomm).
			2. 11-17/1837, “Comment Resolution 27.5.3.5,” Liwen Chu (Marvell Semiconductors)
		7. AOB
		8. Adjourn
	2. Approval of the agenda
		1. Chair asked if there is any item to add to the agenda. 🡪 No item to add to the agenda.
		2. Chair asked if there is any objection to approve the agenda. 🡪 No objection.
		3. The agenda was approved.
3. **IEEE 802 and 802.11 IPR Policy and Procedure**
	1. Chair mentioned that we are operating under the IEEE 802 and 802.11 Policy and Procedure.
	2. Relevant documents
		1. IEEE Patent Policy - <http://standards.ieee.org/board/pat/pat-slideset.ppt>
		2. Patent FAQ - <http://standards.ieee.org/board/pat/faq.pdf>
		3. LoA Form - <http://standards.ieee.org/board/pat/loa.pdf>
		4. Affiliation FAQ - <http://standards.ieee.org/faqs/affiliationFAQ.html>
		5. Anti-Trust FAQ - <http://standards.ieee.org/resources/antitrust-guidelines.pdf>
		6. Ethics - <http://www.ieee.org/portal/cms_docs/about/CoE_poster.pdf>
		7. IEEE 802.11 Working Group Operartions Manual - <https://mentor.ieee.org/802.11/dcn/14/11-14-0629-18-0000-802-11-operations-manual.docx>
		8. Participation in IEEE 802 Meetings
	3. Chair asked if there is any potentially essential patent that people are aware of.
		1. No potentially essential patent reported.
4. **Attendance**
	1. Chair asked the attendees to send an email to Yasu (inoue.yasuhiko@lab.ntt.co.jp) and/or Osama (osama.aboulmagd@huawei.com) to record attendance.
5. **Announcement**
	1. Chair asked people to put cellphone on mute if not speaking.
	2. Chair asked people to state name and affiliation when addressing for the first time during the session.
6. **Reminder of the TGax January 2018 Ad Hoc meeting.**
	1. Chair reminded the audience to go to the ePoll and vote yes if they plan to attend the ad hoc.
	2. 44 peopole have registered for the January 2018 ad hoc.
	3. Bin has sent out the meeting information.
7. **Presentations**
	1. **Lochan Verma (Qualcomm) presented “Comment Resolution on Sounding Protocol – Part 1,” based on the submission 11-17-1826-00.**
		1. Summary
			1. Resolutions for following CIDs related to the sounding protocol defined in 802.11ax D2.0 are proposed.
				1. CIDs: 12774, 12776, 13202, 13237, 13417.
			2. HE Compressed Beamforming Report for SU, MU and CQI onlu feedback are discussed.
		2. Discussion
			1. No discussion.
		3. Next Step
			1. The document 17/1826r0 is marked as “ready for motion” and will be approved during the January 2018 meeting if there is no further comment.
	2. **LiWen Chu (Marvell) presented “11ax D2.0 Comment Resolution 27.5.3.5,” based on the submission 11-17-1837-00.**
		1. Summary
			1. Resolutions for following CIDs related to UL MU CS mechanism defined in 802.11 D2.0 are proposed.
				1. CIDs: 11327, 13725, 14261, 14263, 14264.
		2. Discussion
			1. People discussed the setting for the CS Required subfield and the relation between this subfield and TID Aggregation Limit subfield.
			2. A member is concerned by potential inconsistency of the CS Required subfield settings in the different part of the draft.
			3. A member suggested an additional condition related to the resolution for CID 13725.
		3. Next Step
			1. The document 17/1837 will be revisited.
8. **AOB**
	1. None.
9. **Adjournment**
	1. No time to go through the rest of the agenda items.
	2. Meeting adjourned at 21:06 (ET).
10. **List of Attendees – following people were on the call.**

|  |  |  |
| --- | --- | --- |
|  | **Name** | **Affiliation** |
| 1 | Osama Aboul-Magd | Huawei Technologies |
| 2 | Tomo Adachi | Toshiba |
| 3 | Woojin Ahn | Wilus Institute |
| 4 | Alfred Asterjadhi | Qualcomm |
| 5 | Liwen Chu | Marvell Semiconductors |
| 6 | Yasu Inoue | NTT |
| 7 | Wookbong Lee | Samsung Electronics |
| 8 | Narendar Madhavan | Toshiba |
| 9 | Kome Oteri | InterDigital Communications |
| 10 | Al Petrick | InterDigital Communications |
| 11 | Sigurd Schelstraete | Quantenna Communications |
| 12 | Yongho Seok | MediaTek |
| 13 | Lochan Verma | Qualcomm |
| 14 |  |  |
| 15 |  |  |

# Teleconference on Thursday, December 14th, 2017, 10:00 – 12:00 (ET)

1. **Meeting called to order by Osama Aboul-Magd (Huawei Technologies), the chairperson of TGax @ 10:05 (ET).**
	1. Introduction of the chairperson Osama Aboul-Magd (Huawei Technologies) and the secretary Yasuhiko Inoue (NTT).
2. **Agenda Setting**
	1. Proposed Agenda
		1. Call the meeting to order
		2. IEEE 802 and 802.11 IPR Policy and Procedure
		3. Attendance (Please send an e.mail to Yasuhiko Inoue (inoue.yasuhiko@lab.ntt.co.jp) and/or Osama Aboul-Magd (osama.aboulmagd@huawei.com))
		4. Announcements
		5. TGax January ad hoc
			1. ePoll: <https://mentor.ieee.org/802.11/poll-vote?p=27300008&t=27300008>
			2. Chair mentioned that he would send the list of attendees to Bin.uuuuuuuuuuuuuuuuuuuuuuu
		6. Presentation
			1. 11-17/1874, “11ax D2.0 MAC Comment Resolution for NAV Part 1,” Po-Kai Huang (Intel).
		7. AOB
		8. Adjourn
	2. Approval of the agenda
		1. Chair asked if there is any item to add to the agenda. 🡪 No item to add to the agenda.
		2. Chair asked if there is any objection to approve the agenda. 🡪 No objection.
		3. The agenda was approved.
3. **IEEE 802 and 802.11 IPR Policy and Procedure**
	1. Chair mentioned that we are operating under the IEEE 802 and 802.11 Policy and Procedure.
	2. Relevant documents
		1. IEEE Patent Policy - <http://standards.ieee.org/board/pat/pat-slideset.ppt>
		2. Patent FAQ - <http://standards.ieee.org/board/pat/faq.pdf>
		3. LoA Form - <http://standards.ieee.org/board/pat/loa.pdf>
		4. Affiliation FAQ - <http://standards.ieee.org/faqs/affiliationFAQ.html>
		5. Anti-Trust FAQ - <http://standards.ieee.org/resources/antitrust-guidelines.pdf>
		6. Ethics - http://www.ieee.org/portal/cms\_docs/about
		7. Participation in IEEE 802 Meetings
	3. Chair asked if there is any potentially essential patent that people are aware of.
		1. No potentially essential patent reported.
4. **Attendance**
	1. Chair asked the attendees to send an email to Yasu (inoue.yasuhiko@lab.ntt.co.jp) and/or Osama (osama.aboulmagd@huawei.com) to record attendance.
5. **Announcement**
	1. Chair asked people to put cellphone on mute if not speaking.
	2. Chair asked people to state name and affiliation when addressing for the first time during the session.
6. **Reminder of the TGax January 2018 Ad Hoc meeting.**
	1. Chair reminded the audience to go to the ePoll and vote yes if they plan to attend the ad hoc.
	2. 44 peopole have registered for the January 2018 ad hoc.
	3. Bin has sent out the meeting information.
7. **Presentations**
	1. **Po-Kai Huang (Intel) presented “11ax D2.0 MAC Comment Resolution for NAV Part 1,” based on the submission 11-17-1874-00.**
		1. Summary
			1. Resolutions for comments of TGax Draft 2.0 with the following CIDs are proposed.
				1. CIDs: 12357, 12358, 12359, 12360, 12361, 11134, 11787, 12434, 13056, 12736, 12782, 12783, 13297, 13043, 13149, 13299, and 13298 (NAV related commnets).
		2. Discussion
			1. A member commented that the proposed modification to the text in 9.2.5.2 might be redundant.
			2. People discussed Duration/ID field settings for Block Ack.
			3. A member suggested more discussion for CID 12361 (signle and multiple protection).
		3. Next Step
			1. The chair mentioned that all CIDs except 12361 are ready for motion if there is no discussion.
			2. There will be offline/email discussion for CID 12361. Po-Kau to update the submission based on the result of the discussion..
	2. **No other submission for today’s call.**
8. **AOB**
	1. None.
9. **Adjournment**
	1. No time to go through the rest of the agenda items.
	2. Meeting adjourned at 10:45 (ET).
10. **List of Attendees – following people were on the call.**

|  |  |  |
| --- | --- | --- |
|  | **Name** | **Affiliation** |
| 1 | Osama Aboul-Magd | Huawei Technologies |
| 2 | Alfred Asterjadhi | Qualcomm |
| 3 | Jamin Chen | Marvell Semiconductors |
| 4 | Po-Kai Huang | Intel |
| 5 | Yasu Inoue | NTT |
| 6 | Wookbong Lee | Samsung Electronics |
| 7 | Kome Oteri | InterDigital Communications |
| 8 | Abhishek Patil | Qualcomm |
| 9 | Al Petrick | InterDigital Communications |
| 10 | Li-Hsiang Sun | InterDigital Communications |
| 11 |  |  |
| 12 |  |  |
| 13 |  |  |
| 14 |  |  |
| 15 |  |  |