IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 802.11ba  Teleconference Minutes April 2020 | | | | |
| Date: 2020-04-06 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Leif Wilhelmsson | Ericsson AB |  | +46 706 216956 | leif.r.wilhelmsson@ericsson.com |

Abstract

This document contains minutes from TG 802.11ba teleconference in April 2020.

Rev 0: Minutes for TG 802.11ba teleconference on 6th of April 2020.

Rev 1: Minutes for TG 802.11ba teleconference on 20th of April 2020 added. List of attendees updated.

Rev 2: List of attendees for 20th of April updated based on the registration in IMAT.

**Teleconference on Monday, April 6 2019, 5:00 –7:00pm (ET)**

**Agenda:**

1. Call meeting to order  
2. Agenda setting  
3. Patent policy (link at the end of the email)  
4. Attendance: send email to the chair or secretary ([leif.r.wilhelmsson@ericsson.com](mailto:leif.r.wilhelmsson@ericsson.com))  
5. Presentations  
   - 11-20/573r0 - Comment resolutions on 4.3.15b - Minyoung Park (Intel Corporation)

       - 11-20/522r0 - D6.0 Comment resolution on group ID – Lei Huang (Panasonic)

6. Adjourn

**Teleconferences are subject to applicable policies and procedures, see below.**  
•       IEEE Code of Ethics  
–       <https://www.ieee.org/about/corporate/governance/p7-8.html>    
•       IEEE Standards Association (IEEE-SA) Affiliation FAQ  
–       <https://standards.ieee.org/faqs/affiliation.html>  
•       Antitrust and Competition Policy  
–       <https://standards.ieee.org/content/dam/ieee-standards/standards/web/documents/other/antitrust.pdf>  
•       IEEE-SA Patent Policy  
–       <http://standards.ieee.org/develop/policies/bylaws/sect6-7.html>    
–       <https://standards.ieee.org/about/sasb/patcom/>  
 •       IEEE 802 Working Group Policies &Procedures (29 Jul 2016)  
–       [http://www.ieee802.org/PNP/approved/IEEE\_802\_WG\_PandP\_v19.pdf](https://protect2.fireeye.com/v1/url?k=5e715d2a-02fb7fe5-5e711db1-0cc47ad93ea4-c0712d99b9889b4a&q=1&e=f61fa0ab-291b-4ac4-a25e-6335a767a660&u=http%3A%2F%2Fwww.ieee802.org%2FPNP%2Fapproved%2FIEEE_802_WG_PandP_v19.pdf)  
•       IEEE 802 LMSC Chair's Guidelines (Approved 13 Jul 2018)  
–       <https://mentor.ieee.org/802-ec/dcn/17/ec-17-0120-27-0PNP-ieee-802-lmsc-chairs-guidelines.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 10 Nov 2017)  
–       <https://mentor.ieee.org/802.11/dcn/14/11-14-0629-22-0000-802-11-operations-manual.docx>

1. **Chair Minyoung Park (Intel) calls the meeting to order at 5:00pm (ET).**
2. Minyoung goes through the proposed agenda and asks it there are any questions or additional items that should be added. No discussion on the agenda, so the agenda will be used.
3. Minyoung reminds about the IEEE patent policy related matters direct people to the links provided in the invitation and also shown above.
4. Minyoung reminds about attendance. At this time of the meeting there were only three persons present so Minyoung suggested to also capture the attendance as usual in addition to using the attendance tool on-line
5. Presentation:

**11-20/0573r0, “Comment resolutions for subclause 4.3.15b”, Minyoung Park (Intel):** This submission proposes resolutions for multiple comments related to TGba D6.0 with the following CIDs:

7018, 7019, 7020, 7071, 7072, 7073, 7074, 7075

CID 7018: No discussion, but a spelling error in the text of the proposed resolution is corrected.

CID 7019: No discussion.

CID 7020: Question/comment(Q): In the motivation for rejection, can we replace “device” with “WUR AP device”?

Answer(A): Yes, I will do that.

CID 7071: Q: What about a beacon?

A: It is broadcasted, so the highlighted problem does not apply.

Q: Actually, I don’t see a problem with the original formulation.

CID 7072: Some discussion about whether to modify the text in the proposed resolution to mention that a purpose is to provide a time-stamp. It is agreed to leave the proposed resolution as it is.

CID 7073: No discussion.

CID 7074: Q: I wonder if the specification is complete enough for a non-AP STA to transmit a WUR PPDU

A: The PHY is clearly defined I believe, you are questioning the signaling part? The I want to make is that this behavior is not excluded by the specification.

CID 7075: No discussion.

Q: Going back to CID 7073, I believe this is Joe (Levy), and unfortunately he could not be on the call.

A: Basically, I believe the comment on this CID is not correct, this is why it has been rejected.

Document 11-20/0573r1 will be ready for motion.

**11-20/0522r0, “D6.0 Comment Resolution on Group ID”, Lei Huang (Panasonic):**

This submission proposes resolutions for the following comments from the sponsor ballot on P802.11ba D6.0:

2 CIDs: 7050, 7112

CID 7050: Q: I propose to update the resolution text so that it says “any WUR group ID..” and “any WUR non-AP STA”

A: OK, I can do that.

CID 7112: Q: Is it correct that you cannot only one STA in the STA info field?

A: Yes it is correct.

Document 11-20/0522r1 will be ready for motion.

Minyoung adds that even if the document is ready for motion it is encouraged to comment if someone would see problems with the agreed resolutions.

1. **The meeting is adjourned at 5:53pm (ET)**

**List of Attendees:**

|  |  |  |
| --- | --- | --- |
|  | Name | Affiliation |
| 1 | Minyoung Park | Intel |
| 2 | Leif Wilhelmsson | Ericsson |
| 3 | Po-Kai Huang | Intel |
| 4 | Steve Shellhammer | Qualcomm |
| 5 | Yunsong Yang | Futurewei |
| 6 | Rui Cao | NXP |
| 7 | Rui Yang | Interdigital |
| 8 | Vinod Kristem | Intel |
| 9 | Li-Hsiang Sun | Interdigital |
| 10 | Jon Rosdahl | Qualcomm |
| 11 | Jonathan Goldberg | IEEE |
| 12 | Lei Huang | Panasonic |

**Teleconference on Monday, April 20 2019, 5:00 –7:00pm (ET)**

**Agenda:**

1. Call meeting to order
2. Agenda setting
3. Patent policy (link at the end of the email)
4. Attendance: use IMAT to register your attendance or send email to the chair or secretary ([leif.r.wilhelmsson@ericsson.com](mailto:leif.r.wilhelmsson@ericsson.com))
5. Motions
6. Presentations
   1. 802.11-20/614r0, CR on Symbol Randomizer, Steve Shellhammer (Qualcomm)
7. Adjourn

**Teleconferences are subject to applicable policies and procedures, see below.**  
•       IEEE Code of Ethics  
–       <https://www.ieee.org/about/corporate/governance/p7-8.html>    
•       IEEE Standards Association (IEEE-SA) Affiliation FAQ  
–       <https://standards.ieee.org/faqs/affiliation.html>  
•       Antitrust and Competition Policy  
–       <https://standards.ieee.org/content/dam/ieee-standards/standards/web/documents/other/antitrust.pdf>  
•       IEEE-SA Patent Policy  
–       <http://standards.ieee.org/develop/policies/bylaws/sect6-7.html>    
–       <https://standards.ieee.org/about/sasb/patcom/>  
 •       IEEE 802 Working Group Policies &Procedures (29 Jul 2016)  
–       [http://www.ieee802.org/PNP/approved/IEEE\_802\_WG\_PandP\_v19.pdf](https://protect2.fireeye.com/v1/url?k=5e715d2a-02fb7fe5-5e711db1-0cc47ad93ea4-c0712d99b9889b4a&q=1&e=f61fa0ab-291b-4ac4-a25e-6335a767a660&u=http%3A%2F%2Fwww.ieee802.org%2FPNP%2Fapproved%2FIEEE_802_WG_PandP_v19.pdf)  
•       IEEE 802 LMSC Chair's Guidelines (Approved 13 Jul 2018)  
–       <https://mentor.ieee.org/802-ec/dcn/17/ec-17-0120-27-0PNP-ieee-802-lmsc-chairs-guidelines.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 10 Nov 2017)  
–       <https://mentor.ieee.org/802.11/dcn/14/11-14-0629-22-0000-802-11-operations-manual.docx>

1. **Chair Minyoung Park (Intel) calls the meeting to order at 5:00pm (ET).**
2. Minyoung goes through the proposed agenda and asks it there are any questions or additional items that should be added.

Po-Kai informs that he has uploaded the CR for the editorial comments on Mentor and if people have comments they should send an email to Po-Kai. The intention is to motion the editorial CRs in the next telco, two weeks from now.

1. Minyoung reminds about the IEEE patent policy and refer people to the links provided in the Telco Agenda (11-20/627r0).
2. Minyoung reminds about attendance.
3. Motions:

**Motion #7000:**

* Move to accept the comment resolution in 11-20/0573r1 for CIDs listed below:
  1. 7018, 7019, 7020, 7071, 7072, 7073, 7074, 7075

**Move:** Po-Kai Huang

**Second:** Steve Shellhammer

Y/N/A: 4/0/6, motion passes

**Motion #7001:**

* Move to accept the comment resolution in 11-20/0522r1 for CIDs listed below:
  1. 7050, 7112

**Move:** Lei Huang

**Second:** Po-Kai Huang

Motion passes with unanimous consent

1. Presentations

**11-20/614r0, “Comment Resolutions on Symbol Randomizer”, Steve Shellhammer(Qualcomm):**

The document provides comment resolutions for CID: 7002

CID 7002: Comment/Question (Q): The comment states that this is done in many places, but only exemplifies with one specific place. Is the idea to just make the change in this place.

Answer (A): Yes.

Q: Maybe it would be better to talk to the commenter directly.

Q: Actually, I believe the use for the word “both” does not make the sentence ambiguous. Maybe the commenter means that the word is redundant?

After some discussion in the team, it is decided to change the resolution to reject. One reason being that the page and lien for the comment was not correct, but also that the group felt the text was OK as it was.

Document 11-20/614r1 will be ready for motion.

**11-20/0628r1, “Comment resolutions for subclause 29.1 and 30.1”, Minyoung Park (Intel):**

This submission proposes resolutions for multiple comments related to TGba D6.0 with the following CIDs:

7005, 7006, 7051, 7052

CID 7005: No discussion.

CID 7006: No discussion.

CID 7051: No discussion.

CID 7052: No discussion.

Document 11-20/0628r1 is ready for motion.

Minyoung reminds about that the next telco is on the 4th of May.

1. **The meeting is adjourned at 5:43pm (ET)**

**List of Attendees:**

|  |  |  |
| --- | --- | --- |
|  | Name | Affiliation |
| 1 | Minyoung Park | Intel |
| 2 | Leif Wilhelmsson | Ericsson |
| 3 | Po-Kai Huang | Intel |
| 4 | Steve Shellhammer | Qualcomm |
| 5 | Yunsong Yang | Futurewei |
| 6 | Lei Huang | Panasonic |
| 7 | Jon Rosdahl | Qualcomm |
| 8 | Amelia Andersdotter | Self |
| 9 | Rui Cao | NXP |
| 10 | Qinghua Li | Intel |
| 11 | Rui Yang | Interdigital |
| 12 | Peter Yee | NSA-CSD |