IEEE P802.11
Wireless LANs

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| Minutes 802.11 be PHY ad hoc Telephone Conferences, Jan 2022 interim meeting |
| Date: 2022-01-17 |
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Abstract

This document contains the PHY ad hoc meeting minutes for TGbe teleconferences held during the January interim meeting on:

* Jan 17, 2022
* Jan 20, 2022

**Monday Jan 17th, 2022 19:00 – 21:00 ET**

**Introduction**

1. The Chair (Tianyu Wu, Apple) calls the meeting to order at 19:00 PM ET.
2. The Chair follows the agenda in 11-21/1971r1.
3. The Chair goes through the IPR policy and asks if anyone is aware of any potentially essential patents. Nobody speaks up.
4. The Chair goes through the Copyright policy.
5. The Chair reminds everyone to report their attendance by using IMAT system and by sending an e-mail to the Co-chair, Sigurd Schelstraete (MaxLinear) or the Chair himself if unable to record attendance via IMAT system.
6. Announcements:
7. Agenda.
	* [2035r0](https://mentor.ieee.org/802.11/dcn/21/11-21-2035-00-00be-cr-d1-0-txvector-rxvector-parameters.docx) CR-d1-0-txvector-rxvector-parameters Bo Sun [67C]
	* [0023r2](https://mentor.ieee.org/802.11/dcn/22/11-22-0023-02-00be-large-bandwidth-support.docx) Large Bandwidth Support Wook Bong Lee
	* [0066r0](https://mentor.ieee.org/802.11/dcn/22/11-22-0066-00-00be-cids-in-eht-phy-introduction-cc36-cr.docx) CIDs in EHT PHY Introduction Kanke Wu [4C]
	* [1228r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1228-00-00be-cc36-cr-on-eht-phy-introduction-ndp-related-cids.docx) CR on EHT PHY Introduction-NDP related CIDs Kanke Wu [7C]
	* [0062r0](https://mentor.ieee.org/802.11/dcn/22/11-22-0062-00-00be-cc36-cr-for-nominal-packet-padding-values-part-1.docx) CR for Nominal Packet Padding Values - Part 1 Mengshi Hu [10C]
	* [0063r0](https://mentor.ieee.org/802.11/dcn/22/11-22-0063-00-00be-cc36-cr-for-eht-ppe-thresholds-field.docx) CR for EHT PPE Thresholds Field Mengshi Hu [6C]
	* [1165r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1165-00-00be-cc36-comment-resolution-on-u-sig-part-3.docx) CC36 Comment Resolution on U-SIG Part 3 Alice Chen [16C]
	* [0078r0](https://mentor.ieee.org/802.11/dcn/22/11-22-0078-00-00be-cc36-comment-resolution-on-u-sig-part-5.docx) CC36 Comment Resolution on U-SIG Part 5 Alice Chen [16C]
	* [2003r0](https://mentor.ieee.org/802.11/dcn/21/11-21-2003-00-00be-cc36-comment-resolutions-for-cid-4985.doc) CC36 Comment Resolutions for CID 4985 Myeongjin Kim [1C]

**Attendance**

Meeting attendance for the interim meeting will be captured in the WG minutes.

**Presentations**

2035r0 CR-d1-0-txvector-rxvector-parameters (Bo Sun)

This submission covers the following CIDs:

* CIDs 4125, 4525, 4528, 4529, 4530, 4531, 4532, 4533, 4572, 4573, 4581, 4643, 4656, 5455, 5565, 5805, 5806, 5807, 5808, 6090, 6465, 6824, 6913, 6914, 6918, 6919, 6920, 6921, 6922, 6924, 7118, 7119, 7120, 7121, 7122, 7123, 7126, 7127, 7128, 7307, 7396, 7397, 7647, 7649, 7650, 7651, 7654, 7655, 7656, 7741, 7980, 7981, 7982, 7983, 7984, 7985, 7986, 7987, 7988, 7991, 8014, 8086, 8087, 8088, 8089, 8146

Submission is partially presented, but not finished yet. Presentation will resume on the next call.

**Recess**

The meeting is recessed at 9:00 pm ET.

**Thursday Jan 20th, 2022 9:00 – 11:00 ET**

**Introduction**

1. The Chair (Tianyu Wu, Apple) calls the meeting to order at 9:00 AM ET.
2. The Chair follows the agenda in 11-21/1971r3.
3. The Chair goes through the IPR policy and asks if anyone is aware of any potentially essential patents. Nobody speaks up.
4. The Chair goes through the Copyright policy.
5. The Chair reminds everyone to report their attendance by using IMAT system and by sending an e-mail to the Co-chair, Sigurd Schelstraete (MaxLinear) or the Chair himself if unable to record attendance via IMAT system.
6. Announcements:
7. Agenda.
	* [2035r0](https://mentor.ieee.org/802.11/dcn/21/11-21-2035-00-00be-cr-d1-0-txvector-rxvector-parameters.docx) CR-d1-0-txvector-rxvector-parameters Bo Sun [67C-cont]
	* [0023r2](https://mentor.ieee.org/802.11/dcn/22/11-22-0023-02-00be-large-bandwidth-support.docx) Large Bandwidth Support Wook Bong Lee
	* [0066r0](https://mentor.ieee.org/802.11/dcn/22/11-22-0066-00-00be-cids-in-eht-phy-introduction-cc36-cr.docx) CIDs in EHT PHY Introduction Kanke Wu [4C]
	* [1228r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1228-00-00be-cc36-cr-on-eht-phy-introduction-ndp-related-cids.docx) CR on EHT PHY Introduction-NDP related CIDs Kanke Wu [7C]
	* [0062r0](https://mentor.ieee.org/802.11/dcn/22/11-22-0062-00-00be-cc36-cr-for-nominal-packet-padding-values-part-1.docx) CR for Nominal Packet Padding Values - Part 1 Mengshi Hu [10C]
	* [0063r0](https://mentor.ieee.org/802.11/dcn/22/11-22-0063-00-00be-cc36-cr-for-eht-ppe-thresholds-field.docx) CR for EHT PPE Thresholds Field Mengshi Hu [6C]
	* [1165r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1165-00-00be-cc36-comment-resolution-on-u-sig-part-3.docx) CC36 Comment Resolution on U-SIG Part 3 Alice Chen [16C]
	* [0078r0](https://mentor.ieee.org/802.11/dcn/22/11-22-0078-00-00be-cc36-comment-resolution-on-u-sig-part-5.docx) CC36 Comment Resolution on U-SIG Part 5 Alice Chen [16C]
	* [2003r0](https://mentor.ieee.org/802.11/dcn/21/11-21-2003-00-00be-cc36-comment-resolutions-for-cid-4985.doc) CC36 Comment Resolutions for CID 4985 Myeongjin Kim [1C]

**Attendance**

Meeting attendance for the interim meeting will be captured in the WG minutes.

**Presentations**

**2035r0 CR-d1-0-txvector-rxvector-parameters (Bo Sun)**

Presentation continues from previous meeting.

The following CIDs are removed from the SP:

CIDs 7119, 8089 and 4643 are transferred to other members.

CID 7741 needs further discussion.

2035r1 is uploaded and discussed at the end of the call

SP#5:

Do you agree to the proposed resolution of the following CIDs as in 11-22/2035r2?

* CIDs: 4125, 4525, 4528, 4529, 4530, 4531, 4532, 4533, 4572, 4573, 4581, 4656, 5455, 5565, 5805, 5806, 5807, 5808, 6090, 6465, 6824, 6913, 6914, 6918, 6919, 6920, 6921, 6922, 6924, 7118, 7120, 7121, 7122, 7123, 7126, 7127, 7128, 7307, 7396, 7397, 7647, 7649, 7650, 7651, 7654, 7655, 7656, 7980, 7981, 7982, 7983, 7984, 7985, 7986, 7987, 7988, 7991, 8014, 8086, 8087, 8088, 8146

Note: 7741 needs further discussion

No objection

**0023r2 Large Bandwidth Support (Wook Bong Lee)**

New PHY Capabilities bits are added: Rx 1024/4096 QAM in wider BW DL OFDMA support.

Addition of these bits requires a change in the number of bytes of PHY EHT Capabilities. The definition of the entries in the EHT-MCS map are modified as needed.

SP#1:

Do you agree to add the proposed spec text change in 11-22/0023r3 to the next revision of the 11be draft?

No objection

**0066r0 CIDs in EHT PHY Introduction (Kanke Wu)**

Some of the CIDs overlap with CIDs resolved in 11/21-1903r1. The proposed resolutions are modified to be consistent.

SP#2:

Do you agree to the proposed resolution of the following CIDs as in 11-22/0066r2?

* CIDs 7973, 4613, 7100, 7956

No objection

**1228r0 CR on EHT PHY Introduction-NDP related CIDs (Kanke Wu)**

No discussion.

SP#3:

Do you agree to the proposed resolution of the following CIDs as in 11-21/1228r0?

* CIDs 7105, 7642, 7966, 5090, 7112, 7643, 7109

No objection

**0062r0 CR for Nominal Packet Padding Values - Part 1 (Mengshi Hu)**

No discussion.

SP#4:

Do you agree to the proposed resolution of the following CIDs as in 11-22/0062r0?

* CIDs 4622, 4977, 6147, 6154, 6812, 6813, 6815, 7090, 7733, 7941

No objection

**0063r0 CR for EHT PPE Thresholds Field (Mengshi Hu)**

Proposes resolutions for the following CIDs

* CIDs 4518, 4519, 7054, 7732, 7736, 8173

To be revisited.

**Adjourn**

The meeting is adjourned at 11:00 pm ET.