IEEE P802.11
Wireless LANs

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| Minutes 802.11 be PHY ad hoc – July Plenary meetings  |
| Date: 2022-07-12 |
| Author(s): |
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Abstract

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

* July 11 AM1, 2022
* ~~July 11 PM2, 2022~~ Cancelled.
* July 12 PM1, 2022
* July 12 PM2, 2022
* ~~July 13 PM2, 2022~~ Cancelled.

**Monday July 11th, 2022 08:00 – 10:00 ET**

**Introduction**

1. The Chair (Sigurd Schelstraete, MaxLinear) calls the meeting to order at 08:00 ET.
2. The Chair follows the agenda in 11-22/0862r1.
3. Reminder for registration for the plenary meeting.
4. The Chair goes through the IPR policy and asks if anyone is aware of any potentially essential patents. Nobody speaks up.
5. The Chair goes through the Copyright policy.
6. The Chair reminds everyone to report their attendance by using IMAT system and by sending an e-mail to the Co-chair, Tianyu Wu (Apple) or the Chair himself if unable to record attendance via IMAT system.
7. Discussions on the agenda.
	* [1024r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1024-00-00be-lb266-crs-on-cca-sensitivity.docx) LB266-CRs-on-CCA-sensitivity Lin Yang [5C]
	* [1027r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1027-00-00be-d2-0-comment-resolution-on-u-sig-part-1.docx) D2.0 Comment Resolution on U-SIG Part 1 Alice Chen [12C]
	* [1030r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1030-00-00be-lb266-cr-for-36-3-2-5-20-mhz-operating-non-ap-stas.docx) LB266 CR for 36.3.2.5 20 MHz operating non-AP STAs Eunsung Park [12C]
	* [1031r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1031-00-00be-lb266-cr-for-36-3-12-9-eht-stf.docx) LB266 CR for 36.3.12.9 EHT-STF Eunsung Park [3C]
	* [1056r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1056-00-00be-lb266-cr-on-cid-12155.docx) LB266 CR on CID 12155 Yapu Li [1C]
	* [1057r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1057-01-00be-lb266-cr-for-cid-11284.docx) LB266 CR for CID 11284 Dongguk Lim [1C]
	* [1058r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1058-01-00be-lb266-cr-for-clause-36-2-12-5.docx) LB266 CR for clause 36.2.12.5 Dongguk Lim [1C]

**CR contributions**

1. **1024r0 LB266 CRs on CCA sensitivity – Lin Yang (Qualcomm)**

Discussions:

C: For CID 12350, suggest to change to revised and keep the description in a NOTE.

A: Will make the change.

C: For CID 12932 and 13098, suggest not to merge the rows for resolution.

A: Will separate them and update to r1.

SP#2: Do you agree to the resolution of the following CIDs as proposed in 11-22/1024r1?

* CIDs 11304, 12350, 12407, 12932, 13098

No objection

1. **1027r1 D2.0 Comment Resolution on U-SIG Part 1** **– Alice Chen (Qualcomm)**

Discussions:

C: For CID 12584, Note 3 is important, can you promote Note 3 to regular text?

A: We can promote both Note 2 and Note 3 to main spec text.

C: For CID 10378, I prefer the current term of DL MU-MIMO (non-OFDMA).

A: I will change to DL non-OFDMA MU-MIMO

A: Will make the change and update to r2.

SP#4: Do you agree to the resolution of the following CIDs as proposed in 11-22/1027r2?

* CIDs 10378, 10830, 10938, 11285, 11354, 11356, 11357, 12020, 12201, 12584, 12585.

No objection

Note: CID 12847 is removed in r1.

1. **1030r0 LB266 CR for 36.3.2.5 20 MHz operating non-AP STAs – Eunsung Park (LGE)**

SP#1: Do you agree to the resolution of the following CIDs as proposed in 11-22/1030r0?

* CIDs 10824, 11205, 11206, 11236, 11342, 12016, 12146, 12185, 12199, 12200, 12869, 13208

No objection

1. **1031r0 LB266 CR for 36.3.12.9 EHT-STF – Eunsung Park (LGE)**

Discussions:

C: Suggest adding definition for M sequence for both equations.

A: Ok. Will revise offline and update to r1.

SP#5: Do you agree to the resolution of the following CIDs as proposed in 11-22/1031r1?

* CIDs 10758, 11289, 11364

No objection

1. **1056r0 LB266 CR on CID 12155** **– Yapu Li (Oppo)**

Discussions:

C: Will you provide the modified figure?

C: We can still run the SP and provide figure to editor later.

SP#3: Do you agree to the resolution of the following CID as proposed in 11-22/1056r0?

* CID 12155

No objection

1. **1057r0 LB266 CR on CID 11284** **– Dongguk Lim (LGE)**

Discussions:

C: Some editorial change and update to r1.

SP#6: Do you agree to the resolution of the following CID as proposed in 11-22/1057r1?

* CID 11284

No objection

1. **1058r0 LB266 CR for clause 36.2.12.5** **– Dongguk Lim (LGE)**

Discussions:

C: Some editorial change and update to r1.

SP#7: Do you agree to the resolution of the following CID as proposed in 11-22/1058r1?

* CID 12019

No objection

**Recess**

The meeting is Recessed at 9:40 AM ET

**Tuesday July 12th, 2022 13:30 – 15:30 ET**

**Introduction**

1. The Chair (Sigurd Schelstraete, MaxLinear) calls the meeting to order at 13:30 ET.
2. The Chair follows the agenda in 11-22/0862r5.
3. Reminder for registration for the plenary meeting.
4. The Chair goes through the IPR policy and asks if anyone is aware of any potentially essential patents. Nobody speaks up.
5. The Chair goes through the Copyright policy.
6. The Chair reminds everyone to report their attendance by using IMAT system and by sending an e-mail to the Co-chair, Tianyu Wu (Apple) or the Chair himself if unable to record attendance via IMAT system.
7. Discussions on the agenda.
	* [1044r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1044-00-00be-lb266-cr-on-annex-z-part-1.doc) LB266 CR on Annex Z-part 1 Ross Jian Yu [7C]
	* [1080r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1080-00-00be-lb266-cr-on-eht-phy-introduction-1.docx) LB266 CR on EHT PHY Introduction-1 Kanke Wu [9C]
	* [1063r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1063-00-00be-lb266-cr-for-36-3-16-transmit-requirements.docx) LB266 CR for 36.3.16 Transmit Requirements Mengshi Hu [6C]
	* [1064r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1064-00-00be-lb266-cr-for-9-4-2-313-5-eht-ppe-thresholds-field.docx) LB266 CR for 9.4.2.313.5 EHT PPE Thresholds Field Mengshi Hu [5C]
	* [1076r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1076-00-00be-lb266-cr-for-36-2-2-ru-allocation.docx) LB266 CR for 36.2.2 RU\_ALLOCATION Mengshi Hu [5C]
	* [1066r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1066-00-00be-d2-0-comment-resolution-on-u-sig-part-2.docx) D2.0 CR on U-SIG Part 2 Alice Chen [6C]

**CR contributions**

1. **1044r1 LB266 CR on Annex Z-part 1** **– Ross Jian Yu (Huawei)**

Discussions:

C: Suggest providing separate resolution to each CID.

A: Editor can copy the resolution for each CID.

C: Some editorial change and update to r2.

SP#1: Do you agree to the resolution of the following CIDs as proposed in 11-22/1044r1?

* CIDs 10404, 10762, 10763, 11698, 12262, 12530, 12531

No objection

1. **1080r0 LB266 CR on EHT PHY Introduction-1 – Kanke Wu (Qualcomm)**

Discussions:

C: For CID 12137, change to revised and suggested some revised resolution.

A: Modified and update to r1.

SP#2: Do you agree to the resolution of the following CIDs as proposed in 11-22/1080r1?

* CIDs 12132, 12533, 12178, 12179, 13206, 12528, 12135, 12137, 12136

No objection

1. **1063r0 LB266 CR for 36.3.16 Transmit Requirements – Mengshi Hu (Huawei)**

Discussions:

C: For CID 10951, I prefer to use dBm/20MHz.

A: The commenter and some other people believe it’s clearer to use “normalized to 20MHz.”

C: Maybe add a note to clarify the normalization.

A: I will defer the related CIDs (CID 10951, 10952).

SP#3: Do you agree to the resolution of the following CIDs as proposed in 11-22/1063r1?

* CIDs 10953, 10954, 10955, 11224.

No objection

Note: CID 10951 and 10952 are deferred.

1. **1064r0 LB266 CR for 9.4.2.313.5 EHT PPE Thresholds Field** **– Mengshi Hu (Huawei)**

SP#4: Do you agree to the resolution of the following CIDs as proposed in 11-22/1064r0?

* CIDs 10394, 10399, 10401, 10812, 11234.

No objection

1. **1076r0 LB266 CR for 36.2.2 RU\_ALLOCATION – Mengshi Hu (Huawei)**

Discussions:

C: Comments on RXVECTOR using the same encoding as RU Allocation subfield in a Trigger frame.

C: Some editorial comments on resolution for CID 11338.

C: For CID 12180, 12864 and 12865, need to clean up the spec related to 320-1 and 320-2. Can we defer these CIDs?

A: Revised and update to r1, defer CID 12180, 12864 and 12865.

SP#5: Do you agree to the resolution of the following CIDs as proposed in 11-22/1076r1?

* CID 11337, 11338.

No objection

Note: CID 12180, 12864, 12865 are deferred.

1. **1066r0 D2.0 CR on U-SIG Part 2 – Alice Chen (Qualcomm)**

Discussions:

C: For CID 12188, do we still need Note 1, is there any possibility that EHT ER PPDU will be defined in 11be R2?

C: Prefer to remove it now. If EHT ER is proposed in r2, can always add back.

A: Will change the resolution of this CID to revised and update to r1.

To be continued in next call.

**Recess**

The meeting is Recessed at 15:30 ET

**Tuesday July 12th, 2022 16:00 – 18:00 ET**

**Introduction**

1. The Chair (Sigurd Schelstraete, MaxLinear) calls the meeting to order at 16:00 ET.
2. The Chair follows the agenda in 11-22/0862r5.
3. Reminder for registration for the plenary meeting.
4. The Chair goes through the IPR policy and asks if anyone is aware of any potentially essential patents. Nobody speaks up.
5. The Chair goes through the Copyright policy.
6. The Chair reminds everyone to report their attendance by using IMAT system and by sending an e-mail to the Co-chair, Tianyu Wu (Apple) or the Chair himself if unable to record attendance via IMAT system.
7. Discussions on the agenda.
	* [1066r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1066-00-00be-d2-0-comment-resolution-on-u-sig-part-2.docx) D2.0 CR on U-SIG Part 2 Alice Chen [6C]

**CR contributions**

1. **1066r0 D2.0 CR on U-SIG Part 2 – Alice Chen (Qualcomm)**

Discussions:

C: For CID 11221, suggest changing from “is set to” to “should be”.

A: Revised in r1.

SP#1: Do you agree to the resolution of the following CIDs as proposed in 11-22/1066r1?

* CID 10937, 11221, 11355, 12188, 12202, 12532

No objection

**Recess**

The meeting is Recessed at 16:35 ET