IEEE P802.11
Wireless LANs

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| Minutes for 802.11 bn PHY ad-hoc Teleconference in March to May  |
| Date: 2025-04-04 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Dongguk Lim | LG Electronics |  |  | Dongguk.lim@lge.com |

Abstract

This document contains the PHY ad hoc meeting minutes for TGbn teleconferences held between March and May 2025:

* March 24, 2025
* March 27, 2025
* March 31, 2025
* April 03, 2025
* April 07, 2025
* April 10, 2025
* April 14, 2025
* April 17, 2025
* April 21, 2025
* April 28, 2025
* May 01, 2025

# Monday March 24th, 2025 19:00 – 21:00 ET

**Introduction**

1. The Chair (Tianyu, Apple) calls the meeting to order at 19:00pm ET.
2. The Chair follows the agenda in 11-25/0504r0.
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, Dongguk Lim (LGE), Sigurd Schelstraete (MaxLinear) or the Chair himself if unable to record attendance via IMAT system.
6. Discussions on the agenda.
	* CR/PDT Submissions:
		1. [25/0505r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0505-00-00bn-cc50-crs-on-1366-1367-2285.docx) cc50-CRs-on-1366-1367-2285 Lin Yang [3 CIDs]
		2. [25/0441r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0441-00-00bn-cc50-cr-on-u-sig-part-1.docx) CC50 CR on U-SIG Part 1 Alice Chen [8 CIDs]
		3. [25/0509r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0509-00-00bn-cc50-cid-resolutions-for-38-1.docx) CC50 CID resolutions for 38.1 Eugene Baik [29 CIDs]
	* Technical Submissions – Topic:
		1. [25/0103](https://mentor.ieee.org/802.11/dcn/25/11-25-0103-00-00bn-simplified-carrier-synchronization-for-cobf-transmissions.pptx) Simplified Carrier Synch. for CoBF TXs Shuling Feng

**Attendance**

TGbn (PHY)  03/24/2025        Kamel, Mahmoud                                  Interdigital Inc.
TGbn (PHY)  03/24/2025              Ke, Wang  Beijing OPPO telecommunications corp., ltd; Gu...
TGbn (PHY)  03/24/2025         Lee, Wookbong                                         Apple Inc.
TGbn (PHY)  03/24/2025           Li, Jialing                         Qualcomm Technologies, Inc
TGbn (PHY)  03/24/2025              Li, Yapu  Guangdong OPPO Mobile Telecommunications Corp....
TGbn (PHY)  03/24/2025         Lim, Dong Guk                                     LG ELECTRONICS
TGbn (PHY)  03/24/2025         Minotani, Jun                     Panasonic Holdings Corporation
TGbn (PHY)  03/24/2025        Sahyoun, Walaa                       Canon Research Centre France
TGbn (PHY)  03/24/2025  Schelstraete, Sigurd                                          MaxLinear
TGbn (PHY)  03/24/2025               Sun, Bo                     Sanechips Technology Co., Ltd.
TGbn (PHY)  03/24/2025            Wang, Ying                                 InterDigital, Inc.
TGbn (PHY)  03/24/2025             Wei, Dong  Guangdong OPPO Mobile Telecommunications Corp....
TGbn (PHY)  03/24/2025             Wu, Kanke                                         Apple Inc.
TGbn (PHY)  03/24/2025            Wu, Tianyu                                         Apple Inc.
TGbn (PHY)  03/24/2025         Yamada, Ryota                                  SHARP CORPORATION
TGbn (PHY)  03/24/2025            Yan, Aiguo                                SAMSUNG ELECTRONICS
TGbn (PHY)  03/24/2025          Zhang, Jiayi                                             Ofinno
TGbn (PHY)  03/24/2025           Zhao, Xuwen                                                TCL
TGbn (PHY)  03/24/2025             Zhong, Ke                           Ruijie Networks Co.,Ltd.
TGbn (PHY)  03/24/2025             Zhou, Lei                      H3C Technologies Co., Limited
TGbn (PHY)  03/24/2025         feng, Shuling                                      MediaTek Inc.
TGbn (PHY)  03/24/2025      Deshmukh, Mrugen                                       InterDigital
TGbn (PHY)  03/24/2025          Asai, Yusuke                                                NTT
TGbn (PHY)  03/24/2025           Bai, Jiyang                                                TCL
TGbn (PHY)  03/24/2025           Batra, Anuj                                         Apple Inc.
TGbn (PHY)  03/24/2025         Chen, You-Wei                                      MediaTek Inc.
TGbn (PHY)  03/24/2025           Cho, Hangyu                                     LG ELECTRONICS

**CR/PDT Submissions**

1. **25/0505r0 cc50-CRs-on-1366-1367-2285 Lin Yang**

Discussions: No Discussion

SP : Do you agree to accept the proposed resolution of the following CIDs in document 25/0505r0?

* CID 1366, 1367, 2285

SP results: No objection

1. **25/0441r0 CC50 CR on U-SIG Part 1 Alice Chen**

Discussions:

C: typo fixed –“ where these parameters..." instead of "there parameters"

SP : Do you agree to accept the proposed resolution of the following CIDs in document 25/0441r2?-

* CID, 5, 6, 8, 321, 937, 938, 939, 940, 1163

SP results: No objection

1. **25/0509r0 CC50 CID resolutions for 38.1 Eugene Baik**

Discussions:

C: BCC is Binary convolutional code, right?

A: Yes.

C: Could you change the U and M in unequal modulation as a lower case?

A: Okay

C: Could you delete the “beamformed” in front of PPDU?

A: Okay

C: Could you replace the “Distributed RUs” with “DRUs”

A: Okay

C: Need to clarify about the tones and subcarriers

SP : Do you agree to accept the proposed resolution of the following CIDs in document 25/0509r2

* CID 2728,3728,2038,2231,288,289,456,1070,1071,1102,1368,2039,2040,2232,2550,2729,3291,3529,290,2041,2233,2551,2552,3292,615,2042,2703,2730,2731

SP results: No objection

**Technical Submissions**

1. 25/0103 Simplified Carrier Synch. for CoBF TXs Shuling Feng
	1. It was already presented in the previous meeting.

**Adjourn**

The meeting is Adjourned at 21:00pm ET.

# Thursday March 27th, 2025 10:00 – 12:00 ET

* **Cancelled.**

# Monday March 31th, 2025 19:00 – 21:00 ET

**Introduction**

1. The Chair (Tianyu, Apple) calls the meeting to order at 19:00pm ET.
2. The Chair follows the agenda in 11-25/0504r3.
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, Dongguk Lim (LGE), Sigurd Schelstraete (MaxLinear) or the Chair himself if unable to record attendance via IMAT system.
6. Discussions on the agenda.
	* CR/PDT Submissions:
		1. [25/0546r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0546-00-00bn-crs-for-subclause-38-3-22.docx) CRs for subclause 38.3.22 You-Wei Chen [13 CIDs]
		2. [25/0506r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0506-00-00bn-cc50-editorial-comments-part-1.docx) CC50 editorial comments part 1 Ross Jian Yu [19 CIDs]
		3. [25/0518r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0518-00-00bn-cc50-cr-for-38-3-15-2-2-cyclic-shift-for-uhr-modulated-fields.docx) CC50 CR for 38.3.15.2.2 Eunsung Park [1 CID]
		4. [25/0520r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0520-00-00bn-cc50-cr-for-38-3-15-10-4-csd-index-assignment-for-dru-uhr-stf-transmission.docx) CC50 CR for 38.3.15.10.4 Eunsung Park [5 CIDs]
		5. [25/0523r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0523-00-00bn-cc50-comment-resolutions-for-38-3-7-uhr-ppdu-formats.docx) CC50 CRs for 38.3.7 UHR PPDU formats Dongguk Lim [14 CIDs]
		6. [25/0548r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0548-00-00bn-cc50-cr-for-38-3-15-3-and-38-3-15-4.docx) CC50 CR for 38.3.15.3 and 38.3.15.4 Dongguk Lim [4 CIDs]
		7. [25/0549r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0549-00-00bn-cc50-cr-for-38-3-15-5-and-38-3-15-6.docx) CC50 CR for 38.3.15.5 and 38.3.15.6 Dongguk Lim [13 CIDs]
		8. [25/0522r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0522-00-00bn-cc50-cr-for-38-3-3-ru-and-mru-restrictions-for-20-mhz-operation.docx) CC50 CR for 38.3.3 RU and MRU restrictions for 20 MHz operation Eunsung Park [4 CIDs]

**Attendance**

TGbn (PHY)  03/31/2025            Lee, Wookbong                                         Apple Inc.
TGbn (PHY)  03/31/2025            Lim, Dong Guk                                     LG ELECTRONICS
TGbn (PHY)  03/31/2025                 Li, Yapu  Guangdong OPPO Mobile Telecommunications Corp....
TGbn (PHY)  03/31/2025            Park, Eunsung                                     LG ELECTRONICS
TGbn (PHY)  03/31/2025              Li, Jialing                         Qualcomm Technologies, Inc
TGbn (PHY)  03/31/2025            Chen, You-Wei                                      MediaTek Inc.
TGbn (PHY)  03/31/2025              Bai, Jiyang                                                TCL
TGbn (PHY)  03/31/2025             Asai, Yusuke                                                NTT
TGbn (PHY)  03/31/2025            Hu, Shengquan                                      MediaTek Inc.
TGbn (PHY)  03/31/2025            feng, Shuling                                      MediaTek Inc.
TGbn (PHY)  03/31/2025               Fang, Juan                                  Intel Corporation
TGbn (PHY)  03/31/2025             Choi, Jinsoo                                     LG ELECTRONICS
TGbn (PHY)  03/31/2025              Cho, Hangyu                                     LG ELECTRONICS
TGbn (PHY)  03/31/2025     Schelstraete, Sigurd                                          MaxLinear
TGbn (PHY)  03/31/2025             Zhang, Jiayi                                             Ofinno
TGbn (PHY)  03/31/2025               Yan, Aiguo                                SAMSUNG ELECTRONICS
TGbn (PHY)  03/31/2025            Yamada, Ryota                                  SHARP CORPORATION
TGbn (PHY)  03/31/2025           SUH, JUNG HOON  Huawei Technologies Canada; Huawei Technologie...
TGbn (PHY)  03/31/2025               Wu, Tianyu                                         Apple Inc.
TGbn (PHY)  03/31/2025                Zhou, Lei                      H3C Technologies Co., Limited
TGbn (PHY)  03/31/2025                  Sun, Bo                     Sanechips Technology Co., Ltd.
TGbn (PHY)  03/31/2025                Wu, Kanke                                         Apple Inc.
TGbn (PHY)  03/31/2025             Sadiq, Bilal                           Samsung Research America
TGbn (PHY)  03/31/2025           Sahyoun, Walaa                       Canon Research Centre France
TGbn (PHY)  03/31/2025                Zhong, Ke                           Ruijie Networks Co.,Ltd.
TGbn (PHY)  03/31/2025                Wei, Dong  Guangdong OPPO Mobile Telecommunications Corp....

TGbn (PHY)  03/31/2025              Zhao, Xuwen                                                TCL

**CR/PDT Submissions**

1. **25/0546r0 CRs for subclause 38.3.22 You-Wei Chen**

Discussions: None

SP: Do you agree to accept the proposed resolution of the following 13CIDs as proposed in document 25/0546r1?

* 72, 212, 609, 907, 957, 1193, 1519, 1933, 1938, 2337, 2785, 3553, 3554

Results: No objection

1. **25/0506r0 CC50 editorial comments part 1 Ross Jian Yu**

Discussions: None

SP: Do you agree to accept the proposed resolution of the following 17CIDs as proposed in document 25/0506r1?

* 110, 398, 1674, 276, 397,461, 462, 472, 712, 860, 716, 854, 1032, 1034, 138, 1672, 1673

Results: No objection

1. **25/0518r0 CC50 CR for 38.3.15.2.2 Eunsung Park**

Discussions: None

SP: Do you agree to accept the proposed resolution of the following 1 CID as proposed in document 25/0518r1?

* 1155

Results: No objection

1. **25/0520r0 CC50 CR for 38.3.15.10.4 Eunsung Park**

Discussions: None

SP: Do you agree to accept the proposed resolution of the following 5 CIDs as proposed in document 25/0520r1?

* 595, 1172, 1590, 1748, 2304

Results: No objection

1. **25/523r0 CC50 CRs for 38.3.7 UHR PPDU formats Dongguk Lim**

Discussions: None

SP: Do you agree to accept the proposed resolution of the following 14 CIDs as proposed in document 25/0523r0?

* 48, 1621, 49, 50, 51, 2178, 3237, 211, 307, 2179, 575, 2269, 3533, 3555

Results: No objection

1. **25/0548r0 CC50 CR for 38.3.15.3 and 38.3.15.4 Dongguk Lim**

Discussions:

C: Do you want to change the value of two time parameters?

A: No, since this parameter is missing in the current spec, I want to add the this parameter which has the same value.

C: The note to the editor is not clear. Please provide the whole suggestion.

A: Okay.

SP: Do you agree to accept the proposed resolution of the following 3 CIDs as proposed in document 25/0548r0?

* 310, 2286, 311

Results: No objection

Note: CID 1631 is deferred

1. **25/0549r0 CC50 CR for 38.3.15.5 and 38.3.15.6 Dongguk Lim**

Discussions: None

SP: Do you agree to accept the proposed resolution of the following 13 CIDs as proposed in document 25/0549r0?

* 312, 2773, 935, 2753, 584, 1090, 1346, 3472, 936, 2287, 2755, 3473, 3561

Results: No objection

1. **25/0522r0 CC50 CR for 38.3.3 RU and MRU restrictions for 20 MHz operation Eunsung Park**

Discussions: None

SP: Do you agree to accept the proposed resolution of the following 4 CIDs as proposed in document 25/0522r0?

* 305, 1122, 1758, 2257

Results: No objection

**Adjourn**

The meeting is Adjourned at 20:11pm ET.

# Thursday April 3th, 2025 10:00 – 12:00 ET

**Introduction**

1. The Chair (Sigurd Schelstraete, MaxLinear) calls the meeting to order at 10:00am ET.
2. The Chair follows the agenda in 11-25/0504r5.
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, Dongguk Lim (LGE), Sigurd Schelstraete (MaxLinear) or the Chair himself if unable to record attendance via IMAT system.
6. Discussions on the agenda.
	* CR/PDT Submissions:
		1. [25/0564r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0564-00-00bn-cr-phy-cc50-cids-in-subclause-38-3-15-12-elr-sig-38-3-16-1-coding.docx) CR-PHY-cc50-CIDs\_in\_subclause\_38.3.15.12\_ELR-SIG\_38.3.16.1\_coding Juan Fang [40 CIDs]
		2. [25/0584r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0584-00-00bn-cr-phy-cc50-cids-in-subclause-38-3-19-transmit-requirements-for-ppdus-sent-in-response-to-a-triggering-frame.docx) CR-PHY-cc50-CIDs\_in\_subclause\_38.3.19 Juan Fang [6 CIDs]
		3. [25/0577r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0577-00-00bn-cc50-cid-resolutions-for-38-1-part-2.docx) CC50 CID resolutions for 38.1 - part 2 Eugene Baik [53 CIDs]
		4. [25/0524r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0524-00-00bn-cc50-cr-for-38-3-15-10-3-csd-for-dru-transmission.docx) CC50 CR for 38.3.15.10.3 CSD for DRU TX Eunsung Park [5 CIDs]
		5. 25/0580r0 CC50 CR for Packet Extension Mengshi Hu

**Attendance**

TGbn (PHY)  04/03/2025               Fang, Juan                                  Intel Corporation
TGbn (PHY)  04/03/2025            feng, Shuling                                      MediaTek Inc.
TGbn (PHY)  04/03/2025           SUH, JUNG HOON  Huawei Technologies Canada; Huawei Technologie...
TGbn (PHY)  04/03/2025  Pereira da Costa, Mario                                              Nokia
TGbn (PHY)  04/03/2025                Zhong, Ke                           Ruijie Networks Co.,Ltd.
TGbn (PHY)  04/03/2025                Wu, Kanke                                         Apple Inc.
TGbn (PHY)  04/03/2025              Li, Jialing                         Qualcomm Technologies, Inc
TGbn (PHY)  04/03/2025            Hu, Shengquan                                      MediaTek Inc.
TGbn (PHY)  04/03/2025           Kamel, Mahmoud                                  Interdigital Inc.
TGbn (PHY)  04/03/2025          Petrick, Albert                 Jones-Petrick and Associates, LLC.
TGbn (PHY)  04/03/2025       KERGOURLAY, Gerald                       Canon Research Centre France
TGbn (PHY)  04/03/2025               Wang, Ying                                 InterDigital, Inc.
TGbn (PHY)  04/03/2025                Zhou, Lei                      H3C Technologies Co., Limited
TGbn (PHY)  04/03/2025             Sadiq, Bilal                           Samsung Research America
TGbn (PHY)  04/03/2025              Jung, Insik                                     LG ELECTRONICS
TGbn (PHY)  04/03/2025                Wei, Dong  Guangdong OPPO Mobile Telecommunications Corp....
TGbn (PHY)  04/03/2025         Deshmukh, Mrugen                                       InterDigital
TGbn (PHY)  04/03/2025            Park, Eunsung                                     LG ELECTRONICS
TGbn (PHY)  04/03/2025               Yan, Aiguo                                SAMSUNG ELECTRONICS
TGbn (PHY)  04/03/2025            Lim, Dong Guk                                     LG ELECTRONICS
TGbn (PHY)  04/03/2025                 Lin, Wei                    Xiaomi Communications Co., Ltd.
TGbn (PHY)  04/03/2025             Shilo, Shimi                       Huawei Technologies Co., Ltd
TGbn (PHY)  04/03/2025             Choi, Jinsoo                                     LG ELECTRONICS
TGbn (PHY)  04/03/2025             LIU, QINGLAI                     Panasonic Holdings Corporation
TGbn (PHY)  04/03/2025                 Li, Yapu  Guangdong OPPO Mobile Telecommunications Corp....
TGbn (PHY)  04/03/2025              Zhao, Xuwen                                                TCL
TGbn (PHY)  04/03/2025            Chen, You-Wei                                      MediaTek Inc.
TGbn (PHY)  04/03/2025     Schelstraete, Sigurd                                          MaxLinear
TGbn (PHY)  04/03/2025          siaud, isabelle                                             Orange
TGbn (PHY)  04/03/2025                 Chen, Xu                    Xiaomi Communications Co., Ltd.
TGbn (PHY)  04/03/2025             Mizuno, Yuta                                 SHARP Coorporation
TGbn (PHY)  04/03/2025          Strobel, Rainer                                          Maxlinear
TGbn (PHY)  04/03/2025              Cho, Hangyu                                     LG ELECTRONICS

**CR/PDT Submissions**

1. **25/0564r2 CR-PHY-cc50-CIDs\_in\_subclause\_38.3.15.12\_ELR-SIG\_38.3.16.1\_coding Juan Fang**

Discussions:

C: Does section 37.z exist? And I don’t want to make additional TBD

A: I did not check it. Okay.

C: It is hard to understand Eq(38-39). It is not straightforward.

C: The TGI,ELR-SIG is 1.6, Is it right?

A: Yes

C: You should resolve the similar comment together

C: Each CID should have its own resolution.

C: It has a type in the name of table 38-18

SP: Do you agree to the resolution of the following 39CIDs as proposed in document 25/0564r3?

* 31,32,33,117,180,345,346,347,766,950,1180,1181,1182, 1356,1358,1359,1360,1361,

1362,1363,1364,1365,1644,1761, 2072,2073,2074,2314,2315, 2318, 2320,2321,

2702,2781,2782,2783, 3545,3546,3558

Results: No objection.

1. **25/0584r0 CR-PHY-cc50-CIDs\_in\_subclause\_38.3.19 Juan Fang**

Discussions: None

SP: Do you agree to the resolution of the following 6CIDs as proposed in document 25/0584r1?

* 1099, 1655,2335, 3313, 1192, 3312

Results: No objection.

1. **25/0577r2 CC50 CID resolutions for 38.1 - part 2 Eugene Baik**

Discussions:

C: The decision of M&O is incomplete, but I think that it should be kept the text related to the passed motion.

A: After we decide what is mandatory or optional completely, it can be added later.

C: It is not good behavior to remove the consensuses agreement

C: You should re-assign the CID related to the TX/RX vector to POC instead of the rejected resolution.

1. **25/0524r0 CC50 CR for 38.3.15.10.3 CSD for DRU TX Eunsung Park**

Discussions:

C: if we change the index I to J, does it affect any other place?

A: It is just related to the CSD index

C: It is better to describe it by using a table

A: Considering the extension of Nss, it is better to keep the current formula.

SP: Do you agree to the resolution of the following 5CIDs as proposed in document 25/0524r0?

* 339 943 944 2184 2303

Results: No objection.

1. **25/0580r0 CC50 CR for Packet Extension Mengshi Hu**

Discussions:

C: Where is the value of PE for CoBF and CoSR?

A: It is described in other places in the same section.

C: Related to 2349, we need to bring the contribution for more discussion.

A: Okay, I deferred this CID and assigned it to you.

It will be continuing in the next CC

**Adjourn**

The meeting is Adjourned at 12:00pm ET.

# Monday April 7th, 2025 19:00 – 21:00 ET

**Introduction**

1. The Chair (Tianyu, Apple) calls the meeting to order at 19:00pm ET.
2. The Chair follows the agenda in 11-25/0504r6.
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, Dongguk Lim (LGE), Sigurd Schelstraete (MaxLinear) or the Chair himself if unable to record attendance via IMAT system.
6. Discussions on the agenda.
	* CR/PDT Submissions:
		1. [25/0577r2](https://mentor.ieee.org/802.11/dcn/25/11-25-0577-02-00bn-cc50-cid-resolutions-for-38-1-part-2.docx) CID resolutions for 38.1 - part 2 Eugene Baik [53C]
		2. [25/0580r1](https://mentor.ieee.org/802.11/dcn/25/11-25-0580-01-00bn-cc50-cr-for-packet-extension.docx) CR for Packet Extension Mengshi Hu [6C]
		3. [25/0581r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0581-00-00bn-cc50-cr-for-uhr-sig-modulation-and-coding-schemes.docx) CR for UHR-SIG Modulation and Coding Schemes Mengshi Hu [1C]
		4. [25/0582r1](https://mentor.ieee.org/802.11/dcn/25/11-25-0582-01-00bn-cc50-cr-for-uhr-sig-general-and-content-channels.docx) CR for UHR-SIG General and Content Channels Mengshi Hu [1C]
		5. [25/0525r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0525-00-00bn-cc50-cr-for-38-3-15-10-1-and-38-3-15-10-5.docx) CR for 38.3.15.10.1 and 38.3.15.10.5 Eunsung Park [14C]
		6. [25/0547r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0547-00-00bn-cc50-cr-for-38-3-15-10-2-uhr-stf-for-drus.docx) CR for 38.3.15.10.2 UHR-STF for DRUs Eunsung Park [13C]
		7. [25/0588r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0588-00-00bn-cc50-cr-on-u-sig-part-2.docx) CR on U-SIG Part 2 Alice Chen [13C]
		8. [25/0550r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0550-00-00bn-cc50-cr-for-38-3-15-11-3-uhr-ltf-for-elr-ppdu.docx) CR for 38.3.15.11.3 Dongguk Lim [12C]
		9. [25/0548r1](https://mentor.ieee.org/802.11/dcn/25/11-25-0548-00-00bn-cc50-cr-for-38-3-15-3-and-38-3-15-4.docx) CC50 CR for 38.3.15.3 and 38.3.15.4 Dongguk Lim [1C]

**Attendance**

TGbn (PHY)  04/07/2025            Yamada, Ryota                                  SHARP CORPORATION
TGbn (PHY)  04/07/2025               Wu, Tianyu                                         Apple Inc.
TGbn (PHY)  04/07/2025            Lim, Dong Guk                                     LG ELECTRONICS
TGbn (PHY)  04/07/2025             Zhang, Jiayi                                             Ofinno
TGbn (PHY)  04/07/2025                Zhong, Ke                          Ruijie Networks Co., Ltd.
TGbn (PHY)  04/07/2025                Zhou, Lei                      H3C Technologies Co., Limited
TGbn (PHY)  04/07/2025              Zhao, Xuwen                                                TCL
TGbn (PHY)  04/07/2025                Wei, Dong  Guangdong OPPO Mobile Telecommunications Corp....
TGbn (PHY)  04/07/2025                 Li, Yapu  Guangdong OPPO Mobile Telecommunications Corp....
TGbn (PHY)  04/07/2025              Li, Jialing  Qualcomm Incorporated; Qualcomm Technologies, Inc
TGbn (PHY)  04/07/2025            Lee, Wookbong                                         Apple Inc.
TGbn (PHY)  04/07/2025       KERGOURLAY, Gerald                       Canon Research Centre France
TGbn (PHY)  04/07/2025          Nogami, Toshizo                                  SHARP CORPORATION
TGbn (PHY)  04/07/2025            Park, Eunsung                                     LG ELECTRONICS
TGbn (PHY)  04/07/2025           Kamel, Mahmoud                                  Interdigital Inc.
TGbn (PHY)  04/07/2025             Sadiq, Bilal                           Samsung Research America
TGbn (PHY)  04/07/2025            feng, Shuling                                      MediaTek Inc.
TGbn (PHY)  04/07/2025                Wu, Kanke                                         Apple Inc.
TGbn (PHY)  04/07/2025               Fang, Juan                                  Intel Corporation
TGbn (PHY)  04/07/2025          Chou, Tzu-Hsuan  Qualcomm Incorporated; Qualcomm Technologies, Inc
TGbn (PHY)  04/07/2025              Cho, Hangyu                                     LG ELECTRONICS
TGbn (PHY)  04/07/2025           SUH, JUNG HOON  Huawei Technologies Canada; Huawei Technologie...
TGbn (PHY)  04/07/2025            Chen, You-Wei                                      MediaTek Inc.
TGbn (PHY)  04/07/2025                 Chen, Xu                    Xiaomi Communications Co., Ltd.
TGbn (PHY)  04/07/2025                  Sun, Bo                     Sanechips Technology Co., Ltd.
TGbn (PHY)  04/07/2025              Batra, Anuj                                         Apple Inc.
TGbn (PHY)  04/07/2025               Wang, Ying                                 InterDigital, Inc.
TGbn (PHY)  04/07/2025     Schelstraete, Sigurd                                          MaxLinear

**CR/PDT Submissions**

1. [25/0577r2](https://mentor.ieee.org/802.11/dcn/25/11-25-0577-02-00bn-cc50-cid-resolutions-for-38-1-part-2.docx) CID resolutions for 38.1 - part 2 Eugene Baik

Discussions:None

SP: Do you agree to accept the proposed resolution of the following 37 CIDs as proposed in document 25/0577r2?

* 2732, 2234, 2043, 616, 1369, 2044, 2235, 118, 136, 275, 291, 561, 760, 1072, 1103, 1370, 1753, 1928, 1973, 2045, 2046, 2236, 2437, 2704, 2733, 3293, 3530, 3967, 3294, 2560, 562, 1104, 1105, 2734, 3531, 138, 2735

Results: No objection

1. [25/0580r2](https://mentor.ieee.org/802.11/dcn/25/11-25-0580-01-00bn-cc50-cr-for-packet-extension.docx) CR for Packet Extension Mengshi Hu

Discussions: None

SP: Do you agree to accept the proposed resolution of the following 4CIDs as proposed in document 25/0580r2?

* 69, 1191, 1669, 1763

Results: No objection

1. [25/0581r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0581-00-00bn-cc50-cr-for-uhr-sig-modulation-and-coding-schemes.docx) CR for UHR-SIG Modulation and Coding Schemes Mengshi Hu

Discussions:

C: This text is a new paragraph for 11bn. So, instead of tracking the change, you should indicate it as a new text.

A: Yes.

SP: Do you agree to accept the proposed resolution of the following 1CID as proposed in document 25/0581r1?

* 1628

Results: No objection

1. [25/0582r1](https://mentor.ieee.org/802.11/dcn/25/11-25-0582-01-00bn-cc50-cr-for-uhr-sig-general-and-content-channels.docx) CR for UHR-SIG General and Content Channels Mengshi Hu

Discussions:

C: For non-OFDMA Co-BF transmission, we need to describe that UHR-SIG contents channel indicate the information about two BSSs.

A: It is a general description. The details may be added later.

C: Could you change the tracking to general text?

A: Yes.

SP: Do you agree to accept the proposed resolution of the following 1CID as proposed in document 25/0582r2?

* 1635

Results: No objection

1. [25/0525r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0525-00-00bn-cc50-cr-for-38-3-15-10-1-and-38-3-15-10-5.docx) CR for 38.3.15.10.1 and 38.3.15.10.5 Eunsung Park

Discussions:

C: Instead of deleting the section of ELR STF, could you add it to the general STF section?

A: Yes. but ELR also uses the RRU, so it does not need to be added.

C: Could you add the comma after “or null”

A: Okay

SP: Do you agree to accept the proposed resolution of the following 14CIDs as proposed in document 25/0525r1?

* 336, 340, 591, 596, 1171, 1173, 2299, 2305, 2307, 2777, 2778, 3524, 3525, 3559

Results: No objection

1. [25/0547r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0547-00-00bn-cc50-cr-for-38-3-15-10-2-uhr-stf-for-drus.docx) CR for 38.3.15.10.2 UHR-STF for DRUs Eunsung Park

Discussions: None

SP: Do you agree to accept the proposed resolution of the following 14CIDs as proposed in document 25/0547r0?

* 337, 338, 592, 593, 594, 1641, 1898, 2183, 2300, 2301, 2302, 2306, 3523

Results: No objection

1. [25/0588r1](https://mentor.ieee.org/802.11/dcn/25/11-25-0588-00-00bn-cc50-cr-on-u-sig-part-2.docx) CR on U-SIG Part 2 Alice Chen

Discussions:

C: Regarding B2 of U-SIG2, I want to refer it to note instead of STA-ID

A: Okay

C: There is no definition about a number of receivers in ELR

A: ELR is an SU transmission. How about it change with a number of users?

C: Can you defer two CID for offline discussion more?

A: Sure

1. [25/0550r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0550-00-00bn-cc50-cr-for-38-3-15-11-3-uhr-ltf-for-elr-ppdu.docx) CR for 38.3.15.11.3 Dongguk Lim

Discussions:

C: How to apply the two different matrices ( P and R)?

A: It is included in the A matrix. It is the first row and column of this matrix.

C: It is the same value.

SP: Do you agree to accept the proposed resolution of the following 13CIDs as proposed in document 25/0550r0?

* 1643, 599, 949, 1962, 2312, 1961, 600, 1178, 343, 1179, 2313, 2779, 2780.

Results: No objection

1. [25/0548r](https://mentor.ieee.org/802.11/dcn/25/11-25-0550-00-00bn-cc50-cr-for-38-3-15-11-3-uhr-ltf-for-elr-ppdu.docx)1 CR for 38.3.15.11.3 Dongguk Lim

Discussions: None

SP: Do you agree to accept the proposed resolution of the following 12CIDs as proposed in document 25/0548r1?

* 1631

Note: CID 1631 is the deferred CID from 25/548r0 presented in last PHY adhoc call.

Results: No objection

**Adjourn**

The meeting is Adjourned at 20:50pm ET.

# Thursday April 10th, 2025 10:00 – 12:00 ET

**Introduction**

1. The Chair (Tianyu, Apple) calls the meeting to order at 10:00am ET.
2. The Chair follows the agenda in 11-25/0504r7.
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, Dongguk Lim (LGE), Sigurd Schelstraete (MaxLinear) or the Chair himself if unable to record attendance via IMAT system.
6. Discussions on the agenda.
	* CR/PDT Submissions:
		1. [25/0603r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0566-00-00bn-pdt-mac-on-seamless-roaming-part-1.docx) CC50 CR on U-SIG Part 3 Alice Chen [18C]
		2. [25/0556r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0556-00-00bn-cc50-editorial-comments-part-2.docx) CC50 editorial comments part 2 Ross Jian Yu [17C]
		3. [25/0608r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0608-00-00bn-cr-phy-cc50-cids-in-subclause-38-3-15-12-elr-sig-part2.docx) CR-PHY-cc50-CIDs\_in\_subclause\_38.3.15.12\_ELR-SIG-part2 Juan Fang [11C]
		4. [25/0623r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0623-00-00bn-cr-phy-cc50-cids-in-subclause-38-3-15-2-1-cyclic-shift-for-pre-uhr-modulated-fields-cid-1345-2443.docx) CR-PHY-cc50-CIDs\_in 38.3.15.2.1\_CID\_1345\_2443 Juan Fang [2C]
		5. [25/0585r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0585-00-00bn-cr-phy-cc50-cids-in-subclause-38-3-25-receiver-specification.docx) CR-PHY-cc50-CIDs\_in \_38.3.25\_RX\_specification Juan Fang [6C]
		6. [25/0570r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0570-00-00bn-cc50-cr-for-38-3-4-transmission-of-dru.docx) CC50 CR for 38.3.4 Transmission of DRU Eunsung Park [18C]

**Attendance**

TGbn (PHY)  04/10/2025               Wu, Tianyu                                         Apple Inc.
TGbn (PHY)  04/10/2025                Wu, Kanke                                         Apple Inc.
TGbn (PHY)  04/10/2025                Wei, Dong  Guangdong OPPO Mobile Telecommunications Corp....
TGbn (PHY)  04/10/2025               Wang, Ying                                 InterDigital, Inc.
TGbn (PHY)  04/10/2025                  Sun, Bo                     Sanechips Technology Co., Ltd.
TGbn (PHY)  04/10/2025          Strobel, Rainer                                          Maxlinear
TGbn (PHY)  04/10/2025                Zhou, Lei                      H3C Technologies Co., Limited
TGbn (PHY)  04/10/2025                Zhong, Ke                          Ruijie Networks Co., Ltd.
TGbn (PHY)  04/10/2025              Zhao, Xuwen                                                TCL
TGbn (PHY)  04/10/2025             Zhang, Jiayi                                             Ofinno
TGbn (PHY)  04/10/2025     Schelstraete, Sigurd                                          MaxLinear
TGbn (PHY)  04/10/2025               Jee, Anand                                SAMSUNG ELECTRONICS
TGbn (PHY)  04/10/2025           Kamel, Mahmoud                                  Interdigital Inc.
TGbn (PHY)  04/10/2025              Kim, Youhan                        Qualcomm Technologies, Inc.
TGbn (PHY)  04/10/2025             Asai, Yusuke                                                NTT
TGbn (PHY)  04/10/2025            feng, Shuling                                      MediaTek Inc.
TGbn (PHY)  04/10/2025              Cho, Hangyu                                     LG ELECTRONICS
TGbn (PHY)  04/10/2025                 Chen, Xu                    Xiaomi Communications Co., Ltd.
TGbn (PHY)  04/10/2025             Choi, Jinsoo                                     LG ELECTRONICS
TGbn (PHY)  04/10/2025         Deshmukh, Mrugen                                       InterDigital
TGbn (PHY)  04/10/2025               Fang, Juan                                  Intel Corporation
TGbn (PHY)  04/10/2025              Bai, Jiyang                                                TCL
TGbn (PHY)  04/10/2025              Li, Jialing  Qualcomm Incorporated; Qualcomm Technologies, Inc
TGbn (PHY)  04/10/2025            Park, Eunsung                                     LG ELECTRONICS
TGbn (PHY)  04/10/2025             Sadiq, Bilal                           Samsung Research America
TGbn (PHY)  04/10/2025           Sahyoun, Walaa                       Canon Research Centre France
TGbn (PHY)  04/10/2025              Luo, Sixian                                  SHARP CORPORATION
TGbn (PHY)  04/10/2025             LIU, QINGLAI                     Panasonic Holdings Corporation
TGbn (PHY)  04/10/2025                 Li, Yapu  Guangdong OPPO Mobile Telecommunications Corp....
TGbn (PHY)  04/10/2025            Lim, Dong Guk                                     LG ELECTRONICS

1. [25/0603r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0566-00-00bn-pdt-mac-on-seamless-roaming-part-1.docx) CC50 CR on U-SIG Part 3 Alice Chen

Discussions:

C: To make clear, could you change EHT to EHT PPDU?

A: It is a PHY version identifier.

C: Can you clarify where to add the blank? And the table number is different from D0.1.

A: The table number came from D0.2

SP: Do you agree to accept the proposed resolution of the following 18 CIDs as proposed in document 25/0603r0?

* CID: 2, 3, 83, 314, 316, 317, 585, 586, 1157, 1158, 1159, 1160, 1347, 1587, 2701, 2828, 3303, 3305
* Note: The changes are based on 11bn D0.2

Results: No Objection.

1. [25/0556r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0556-00-00bn-cc50-editorial-comments-part-2.docx) CC50 editorial comments part 2 Ross Jian Yu

Discussions: None

SP: Do you agree to accept the proposed resolution of the following 17 CIDs as proposed in document 25/0556r1?

* CID: 1675, 1676, 1677, 1678, 1679, 1979, 1980, 2547, 2826, 2829, 2835, 2853, 2910, 2911, 2917, 2918, 2957

Results: No Objection.

1. [25/0608r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0608-00-00bn-cr-phy-cc50-cids-in-subclause-38-3-15-12-elr-sig-part2.docx) CR-PHY-cc50-CIDs\_in\_subclause\_38.3.15.12\_ELR-SIG-part2 Juan Fang

Discussions:

C: The same proposed change is adapted to some CID. And, could you delete the No change is needed in the resoulution

A: Okay.

C: "aPPDUMax-Time" should be "aPPDUMaxTime". Remove the hyphen

A: Okay

C: This equation is very hard to understand. So, could you use the legacy style?

A: This style equation is used in 11be.

SP: Do you agree to accept the proposed resolution of the following 11 CIDs as proposed in document 25/0608r2?

* CID: 1762, 2316, 2317, 2319, 2787, 29, 1357, 2788, 30, 1183, 2322

Results: No Objection.

1. [25/0623r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0623-00-00bn-cr-phy-cc50-cids-in-subclause-38-3-15-2-1-cyclic-shift-for-pre-uhr-modulated-fields-cid-1345-2443.docx) CR-PHY-cc50-CIDs\_in 38.3.15.2.1\_CID\_1345\_2443 Juan Fang

Discussions: None

SP: Do you agree to accept the proposed resolution of the following 2CIDs as proposed in document 25/0623r1?

* CID: 1345, 2443

Results: No Objection.

1. [25/0585r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0585-00-00bn-cr-phy-cc50-cids-in-subclause-38-3-25-receiver-specification.docx) CR-PHY-cc50-CIDs\_in \_38.3.25\_RX\_specification Juan Fang

Discussions:

C: The resolution should be “ Revised”, not Accepted even though it was already adapted in D0.2.

A: Okay

C: Could you change the " Field " to lowercase?

A: Okay

SP: Do you agree to accept the proposed resolution of the following 6CIDs as proposed in document 25/0585r1?

* CID: 610, 958, 960, 1194, 3247, 3248

Results: No Objection

1. [25/0570r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0570-00-00bn-cc50-cr-for-38-3-4-transmission-of-dru.docx) CC50 CR for 38.3.4 Transmission of DRU Eunsung Park

Discussions:

C: It is better to change “ OFDMA UHR TB PPDU” with “UL OFDMA Transmission”

A: Okay

C: The middle of 40MHz is not allowed for DRU in 80MHz. Is it right? And it is not clear whether the new sentence includes it.

A: Yes, since we don’t define the middle 40MHz, the middle of 40MHz is disallowed.

C: I would like to keep the original text, and it is changed from "preamble puncturing" to "unallocated"

A: How about you add the table for each DBW case and delete the text??

SP: Do you agree to accept the proposed resolution of the following 10CIDs as proposed in document 25/0570r1?

* CID: 306, 1020, 1771, 1772, 2176, 2177, 2258, 2706, 2723, 2724
* Note: CID 574, 889, 2259, 2261, 2262, 2263, 2265, 2689 are deferred.

Results: No Objection

**Adjourn**

The meeting is Adjourned at 11:55am ET.

# Monday April 14th, 2025 19:00 – 21:00 ET

**Introduction**

1. The Chair (Tianyu, Apple) calls the meeting to order at 19:00pm ET.
2. The Chair follows the agenda in 11-25/0504r8.
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, Dongguk Lim (LGE), Sigurd Schelstraete (MaxLinear) or the Chair himself if unable to record attendance via IMAT system.
6. Discussions on the agenda.
	* CR/PDT Submissions:
		1. [25/0601r1](https://mentor.ieee.org/802.11/dcn/25/11-25-0601-01-00bn-crs-on-elr-mark-section.docx) CRs on ELR Mark section Rethna Pulikkoonattu [14C]
		2. [25/0602r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0602-00-00bn-crs-on-uhr-ldpc.docx) CRs on UHR LDPC Rethna Pulikkoonattu [31C]
		3. [25/0612r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0612-00-00bn-cc50-cr-for-60-mhz-dru-tone-plan.docx) CR for 60 MHz DRU Tone Plan Eunsung Park [4C]
		4. [25/0643r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0643-00-00bn-cr-phy-for-elr-introduction-and-requirement.docx) CR PHY for ELR Intro. and Requirement Wook Bong Lee [7C]
		5. 25/0644r0 Miscellaneous PHY CIDs Youhan Kim [4C]

**Attendance**

TGbn (PHY)  04/14/2025              Kim, Youhan                        Qualcomm Technologies, Inc.
TGbn (PHY)  04/14/2025            Park, Eunsung                                     LG ELECTRONICS
TGbn (PHY)  04/14/2025             Sadiq, Bilal                           Samsung Research America
TGbn (PHY)  04/14/2025           Sahyoun, Walaa                       Canon Research Centre France
TGbn (PHY)  04/14/2025     Schelstraete, Sigurd                                          MaxLinear
TGbn (PHY)  04/14/2025           SUH, JUNG HOON  Huawei Technologies Canada; Huawei Technologie...
TGbn (PHY)  04/14/2025          Nogami, Toshizo                                  SHARP CORPORATION
TGbn (PHY)  04/14/2025                  Sun, Bo                     Sanechips Technology Co., Ltd.
TGbn (PHY)  04/14/2025                Wei, Dong  Guangdong OPPO Mobile Telecommunications Corp....
TGbn (PHY)  04/14/2025                Wu, Kanke                                         Apple Inc.
TGbn (PHY)  04/14/2025               Wu, Tianyu                                         Apple Inc.
TGbn (PHY)  04/14/2025               Yan, Aiguo                                SAMSUNG ELECTRONICS
TGbn (PHY)  04/14/2025                YANG, RUI                                 InterDigital, Inc.
TGbn (PHY)  04/14/2025              Zhao, Xuwen                                                TCL
TGbn (PHY)  04/14/2025                Zhong, Ke                          Ruijie Networks Co., Ltd.
TGbn (PHY)  04/14/2025                Zhou, Lei                      H3C Technologies Co., Limited
TGbn (PHY)  04/14/2025               Wang, Ying                                 InterDigital, Inc.
TGbn (PHY)  04/14/2025             Mizuno, Yuta                                 SHARP Coorporation
TGbn (PHY)  04/14/2025             Asai, Yusuke                                                NTT
TGbn (PHY)  04/14/2025              Bai, Jiyang                                                TCL
TGbn (PHY)  04/14/2025                 Chen, Xu                    Xiaomi Communications Co., Ltd.
TGbn (PHY)  04/14/2025            Chen, You-Wei                                      MediaTek Inc.
TGbn (PHY)  04/14/2025              Cho, Hangyu                                     LG ELECTRONICS
TGbn (PHY)  04/14/2025             Choi, Jinsoo                                     LG ELECTRONICS
TGbn (PHY)  04/14/2025               Fang, Juan                                  Intel Corporation
TGbn (PHY)  04/14/2025           Kamel, Mahmoud                                  Interdigital Inc.
TGbn (PHY)  04/14/2025            Lee, Wookbong                                         Apple Inc.
TGbn (PHY)  04/14/2025                 Li, Yapu  Guangdong OPPO Mobile Telecommunications Corp....
TGbn (PHY)  04/14/2025            Lim, Dong Guk                                     LG ELECTRONICS

**CR/PDT Submissions**

1. [25/0612r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0612-00-00bn-cc50-cr-for-60-mhz-dru-tone-plan.docx) CR for 60 MHz DRU Tone Plan Eunsung Park

Discussions:None

SP: Do you agree to accept the proposed resolution of the following 4CIDs as proposed in document 25/0612r0?

* CID: 1123, 1124, 2260, 2264

Results: No Objection.

1. [25/0643r1](https://mentor.ieee.org/802.11/dcn/25/11-25-0643-00-00bn-cr-phy-for-elr-introduction-and-requirement.docx) CR PHY for ELR Intro. and Requirement Wook Bong Lee

Discussions:

C: “ Should’ in the Note should be changed with other word

A: Okay.

C: We didn’t check the CFO checks right after L-STF

A: In order to meet the requirements or the non-HT response requirement, we need to meet the 2 kHz.

C: Can you clarify why pre-correction is after L-STF?

A: If you measure after U-SIG, you cannot guarantee. I mean the fifteen kHz error at the L-STF, so we need to pre-correct at the L-STF.

SP: Do you agree to accept the proposed resolution of the following 7CIDs as proposed in document 25/0643r2?

* CID: 356, 357, 2180, 3300, 3562, 3566, 3671

Results: No Objection.

1. 25/0644r1 Miscellaneous PHY CIDs Youhan Kim

Discussions:

C: Regarding non-ht duplicate transmission of UHR STA, it is the same with EHT STA. so, we don’t need to describe it as a new

A: Okay, I will revise it.

SP: Do you agree to accept the proposed resolution of the following 5CIDs as proposed in document 25/0644r2?

* 1653, 3371, 1661, 1662, 1630

Results: No Objection.

**Adjourn**

The meeting is Adjourned at 20:00pm ET.

# Thursday April 17th, 2025 10:00 – 12:00 ET

* **Cancelled**

# Monday April 21th, 2025 19:00 – 21:00 ET

**Introduction**

1. The Chair (Tianyu, Apple) calls the meeting to order at 19:00pm ET.
2. The Chair follows the agenda in 11-25/0504r11.
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, Dongguk Lim (LGE), Sigurd Schelstraete (MaxLinear) or the Chair himself if unable to record attendance via IMAT system.
6. Discussions on the agenda.
	* CR/PDT Submissions:
		1. [25/0644r3](https://mentor.ieee.org/802.11/dcn/25/11-25-0644-03-00bn-misc-phy-cids.docx) Miscellaneous PHY CIDs Youhan Kim [1C-SP]
		2. [25/0588r2](https://mentor.ieee.org/802.11/dcn/25/11-25-0588-02-00bn-cc50-cr-on-u-sig-part-2.docx) CR on U-SIG Part 2 Alice Chen [2C-SP]
		3. [25/0570r2](https://mentor.ieee.org/802.11/dcn/25/11-25-0570-02-00bn-cc50-cr-for-38-3-4-transmission-of-dru.docx) CC50 CR for 38.3.4 Transmission of DRU Eunsung Park [8C-SP]
		4. [25/0601r1](https://mentor.ieee.org/802.11/dcn/25/11-25-0601-01-00bn-crs-on-elr-mark-section.docx) CRs on ELR Mark section Rethna Pulikkoonattu [14C]
		5. [25/0602r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0602-00-00bn-crs-on-uhr-ldpc.docx) CRs on UHR LDPC Rethna Pulikkoonattu [31C]
		6. [25/0656r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0656-00-00bn-cc50-cr-on-dru-in-38-3-2-1-group-1.docx) CC50 CR on DRU in 38.3.2.1 - Group 1 Mahmoud Kamel [34C]
		7. [25/0670r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0670-00-00bn-cc50-cr-on-u-sig-part-4.docx) CC50 CR on U-SIG Part 4 Alice Chen [4C]
		8. 25/0663r0 CR-PHY-Subclause-38.3.21 Ron Porat [20C]
		9. [25/0658r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0658-00-00bn-cc50-cr-for-38-3-10-11-construction-of-elr-sig.docx) CR for 38.3.10.11 Construction of ELR-SIG Dongguk Lim [1C]
		10. [25/0659r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0659-00-00bn-cc50-cr-for-38-3-10-12-2-elr-ppdu.docx) CC50 CR for 38.3.10.12.2 ELR PPDU Dongguk Lim [8C]
		11. [25/0672r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0672-00-00bn-cr-for-cc50-on-subclause-38-3-10.docx) CR for CC50 on Subclause 38.3.10 Junghoon Suh [24C]
		12. 25/0682r0 CRs for subclause 38.3.22 Part 2 You-Wei Chen [1C]
		13. 25/0679r0 CR CC50 Subclause 38.3.15.9.3 Genadiy Tsodik [14C]
		14. 25/0678r0 CR CC50 Subclause 38.3.15.9.6 Part1 Genadiy Tsodik [22C]
		15. 25/0677r1 CR CC50 Subclause 38.3.23 TX Spec. Genadiy Tsodik [3C]
		16. 24/02021r0 PDT PHY Transmit Specification Genadiy Tsodik [0C]

**Attendance**

TGbn (PHY)  04/21/2025               Wu, Tianyu                                         Apple Inc.

TGbn (PHY)  04/21/2025                  Sun, Bo                     Sanechips Technology Co., Ltd.
TGbn (PHY)  04/21/2025                Wu, Kanke                                         Apple Inc.
TGbn (PHY)  04/21/2025               Wang, Ying                                 InterDigital, Inc.
TGbn (PHY)  04/21/2025            Yamada, Ryota                                  SHARP CORPORATION
TGbn (PHY)  04/21/2025               Yan, Aiguo                                SAMSUNG ELECTRONICS
TGbn (PHY)  04/21/2025              Zhao, Xuwen                                                TCL
TGbn (PHY)  04/21/2025                Zhong, Ke                          Ruijie Networks Co., Ltd.
TGbn (PHY)  04/21/2025                Zhou, Lei                  New H3C Technologies Co., Limited
TGbn (PHY)  04/21/2025           Sahyoun, Walaa                       Canon Research Centre France
TGbn (PHY)  04/21/2025            feng, Shuling                                      MediaTek Inc.
TGbn (PHY)  04/21/2025            Hu, Shengquan                                      MediaTek Inc.
TGbn (PHY)  04/21/2025           Kamel, Mahmoud                                  Interdigital Inc.
TGbn (PHY)  04/21/2025               Jee, Anand                                SAMSUNG ELECTRONICS
TGbn (PHY)  04/21/2025               Fang, Juan                                  Intel Corporation
TGbn (PHY)  04/21/2025            Chen, You-Wei                                      MediaTek Inc.
TGbn (PHY)  04/21/2025                 Chen, Xu                    Xiaomi Communications Co., Ltd.
TGbn (PHY)  04/21/2025              Cho, Hangyu                                     LG ELECTRONICS
TGbn (PHY)  04/21/2025              Bai, Jiyang                                                TCL
TGbn (PHY)  04/21/2025             Choi, Jinsoo                                     LG ELECTRONICS
TGbn (PHY)  04/21/2025         Deshmukh, Mrugen                                       InterDigital
TGbn (PHY)  04/21/2025             Asai, Yusuke                                                NTT
TGbn (PHY)  04/21/2025              Kim, Youhan                        Qualcomm Technologies, Inc.
TGbn (PHY)  04/21/2025           SUH, JUNG HOON  Huawei Technologies Canada; Huawei Technologie...
TGbn (PHY)  04/21/2025            Lee, Wookbong                                         Apple Inc.
TGbn (PHY)  04/21/2025          Petrick, Albert                       Jones-Petrick and Associates
TGbn (PHY)  04/21/2025             Sadiq, Bilal                           Samsung Research America
TGbn (PHY)  04/21/2025            Park, Eunsung                                     LG ELECTRONICS
TGbn (PHY)  04/21/2025              Li, Jialing  Qualcomm Incorporated; Qualcomm Technologies, Inc
TGbn (PHY)  04/21/2025                 Li, Yapu  Guangdong OPPO Mobile Telecommunications Corp....
TGbn (PHY)  04/21/2025            Lim, Dong Guk                                     LG ELECTRONICS
TGbn (PHY)  04/21/2025               Ni, Jiqing  Beijing OPPO telecommunications corp., ltd; Gu...

**CR/PDT Submissions**

1. [25/0644r3](https://mentor.ieee.org/802.11/dcn/25/11-25-0644-03-00bn-misc-phy-cids.docx) Miscellaneous PHY CIDs Youhan Kim

Discussions: No Discussion.

SP: Do you agree to accept the proposed resolution of the following 1CID as proposed in document 25/0644r3?

* CID: 1630

Results: No Objection.

1. [25/0588r2](https://mentor.ieee.org/802.11/dcn/25/11-25-0588-02-00bn-cc50-cr-on-u-sig-part-2.docx) CR on U-SIG Part 2 Alice Chen

Discussions:

C: Do you want to run SP for the updated CIDs?

A: No, I didn’t run the SP for all CIDs in the last.

C: Could you clarify why the title is changed?

A: It was changed by considering the ELR PPDU.

SP: Do you agree to accept the proposed resolution of the following 13CIDs as proposed in document 25/0588r2?

* CID: 4, 7, 179, 313, 318, 319, 587, 588, 1156, 1161, 1162, 2707, 3506

Results: No Objection.

1. [25/0570r2](https://mentor.ieee.org/802.11/dcn/25/11-25-0570-02-00bn-cc50-cr-for-38-3-4-transmission-of-dru.docx) CC50 CR for 38.3.4 Transmission of DRU Eunsung Park

Discussions:

C: Based on the passed motion, the puncturing is the unallocated case in TB. Is it right?

A: Yes,

C: Do you have the indication for the case of the highest 20MHz gap and DBW60 in the table?

A: The order is increased from low to high frequency.

C: Could you change the preamble puncturing to unallocated

A: Yes.

SP: Do you agree to accept the proposed resolution of the following 7CIDs as proposed in document 25/0570r3?

* CID: 574, 889, 2259, 2261, 2262, 2263, 2265

Results: No Objection.

1. [25/0656r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0656-00-00bn-cc50-cr-on-dru-in-38-3-2-1-group-1.docx) CC50 CR on DRU in 38.3.2.1 - Group 1 Mahmoud Kamel

Discussions:

C: Could you start the offline discussion for the definition of DB?

A: Sure.

C: I don't think we have the case of a mixture of DRU26 with DRU484

A: You are right.

C: In the 80MHz case, 26 tone DRU still can be used.

A: You means the case of 20MHz+20MHz+40MHz.

C: If you consider the BW equal to or larger than 80MHz, you also consider the case of 20MHz DBW and 40MHz DBW?

A: I will add text to handle this

SP: Do you agree to accept the proposed resolution of the following 29CIDs as proposed in document 25/0656r1?

* CID: 297, 442, 444, 445, 566, 567, 568, 569, 1118, 1582, 1755, 1756, 1757, 2173, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2561, 2562, 3509, 3510, 3511, 3512, 3514, 3516
* Note: CID 296, 926 1021, 2172, 443, 2800 are deferred.

Results: No Objection.

1. [25/0670r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0670-00-00bn-cc50-cr-on-u-sig-part-4.docx) CC50 CR on U-SIG Part 4 Alice Chen

Discussions:

C: We need to add the note to indicate the SU Co-SR transmission for using the consistent terminology in other section.

A: It is just a single AP transmission. And it is one of an umbrella transmission of MAP

C: These terminology is indeed confused. Let’s discuss more.

A: Yes.

C: regarding CID320, we don’t have any agreement yet. Please deter it because Juan’s contribution will be presented in the next meeting.

A: Sure,

1. 25/0663r0 CR-PHY-Subclause-38.3.21 Ron Porat

Discussions:

C: For the same resolution for CIDs , could you change the accepted to revised? And add the number of document in your resolution.

A: Yes

C: If you want to change globally, you should take look at it because it used for receive antenna.

A: Okay. I will check it.

SP: Do you agree to accept the proposed resolution of the following 18 CIDs as proposed in document 25/0663r2?

* CID: 71, 369, 908, 1836, 2444, 1837, 1939, 1940, 1941, 1942, 2336, 3552, 3748, 3903, 3904, 3906, 3907, 3968
* CID 3905 is deferred

Results: No Objection.

1. [25/0658r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0658-00-00bn-cc50-cr-for-38-3-10-11-construction-of-elr-sig.docx) CR for 38.3.10.11 Construction of ELR-SIG Dongguk Lim

Discussions:

SP: Do you agree to accept the proposed resolution of the following 1CIDs as proposed in document 25/0658r0?

* CID: 1624

Results: No Objection.

**Adjourn**

The meeting is Adjourned at 21:00pm ET.

# Monday April 28th, 2025 19:00 – 21:00 ET

**Introduction**

1. The Chair (Sigurd Schelstraete, MaxLinear) calls the meeting to order at 19:00pm ET.
2. The Chair follows the agenda in 11-25/0504r14.
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, Dongguk Lim (LGE), Sigurd Schelstraete (MaxLinear) or the Chair himself if unable to record attendance via IMAT system.
6. Discussions on the agenda.
	* CR/PDT Submissions:
7. CR/PDT Submissions:
	* 1. [25/0570r4](https://mentor.ieee.org/802.11/dcn/25/11-25-0570-04-00bn-cc50-cr-for-38-3-4-transmission-of-dru.docx) CC50 CR for 38.3.4 Transmission of DRU Eunsung Park [1C-SP]
		2. [25/0695r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0695-00-00bn-uhr-tx-procedure.docx) PDT-UHR transmit procedure Xiaogang Chen [PDT]
		3. [25/0696r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0696-00-00bn-uhr-rx-procedure.docx) PDT-UHR receive procedure Xiaogang Chen [PDT]
		4. [25/0601r1](https://mentor.ieee.org/802.11/dcn/25/11-25-0601-01-00bn-crs-on-elr-mark-section.docx) CRs on ELR Mark section Rethna Pulikkoonattu [14C]
		5. [25/0602r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0602-00-00bn-crs-on-uhr-ldpc.docx) CRs on UHR LDPC Rethna Pulikkoonattu [31C]
		6. [25/0659r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0659-00-00bn-cc50-cr-for-38-3-10-12-2-elr-ppdu.docx) CC50 CR for 38.3.10.12.2 ELR PPDU Dongguk Lim [8C]
		7. [25/0672r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0672-00-00bn-cr-for-cc50-on-subclause-38-3-10.docx) CR for CC50 on Subclause 38.3.10 Junghoon Suh [24C]
		8. [25/0682r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0682-00-00bn-crs-for-subclause-38-3-22-part-2.docx) CRs for subclause 38.3.22 Part 2 You-Wei Chen [1C]
		9. [25/0679r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0679-00-00bn-cr-cc50-subclause-38-3-15-9-3.docx) CR CC50 Subclause 38.3.15.9.3 Genadiy Tsodik [14C]
		10. [25/0678r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0678-00-00bn-cr-cc50-subclause-38-3-15-9-6-part1.docx) CR CC50 Subclause 38.3.15.9.6 Part1 Genadiy Tsodik [22C]
		11. [25/0677r1](https://mentor.ieee.org/802.11/dcn/25/11-25-0677-01-00bn-cr-cc50-subclause-38-3-23-transmit-specification.docx) CR CC50 Subclause 38.3.23 TX Spec. Genadiy Tsodik [3C]
		12. [24/2021r0](https://mentor.ieee.org/802.11/dcn/24/11-24-2021-00-00bn-pdt-phy-transmit-specification.docx) PDT PHY Transmit Specification Genadiy Tsodik [0C]
		13. [25/0702r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0702-00-00bn-cr-phy-cid-3905.docx) CR-PHY-CID 3905 Ron Porat [1C]
		14. [25/0701r1](https://mentor.ieee.org/802.11/dcn/25/11-25-0701-01-00bn-pdt-phy-mu-mimo.docx) PDT-PHY-MU-MIMO Ron Porat [PDT]
		15. [25/0703r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0703-00-00bn-cc50-comment-resolutions-for-38-3-21-coordinated-beamforming.docx) CRs for 38.3.21 Coordinated Beamforming Insik Jung [4C]
8. Technical Submissions – SR:
	* 1. [25/0687](https://mentor.ieee.org/802.11/dcn/25/11-25-0687-00-00bn-spatial-reuse-discussion-in-802-11bn.pptx) Spatial Reuse discussion in 802.11bn Juan Fang

**Attendance**

TGbn (PHY)  04/28/2025                   Zhou, Lei                  New H3C Technologies Co., Limited
TGbn (PHY)  04/28/2025                   Wu, Kanke                                         Apple Inc.
TGbn (PHY)  04/28/2025                  Wu, Tianyu                                         Apple Inc.
TGbn (PHY)  04/28/2025             Tsodik, Genadiy                       Huawei Technologies Co., Ltd
TGbn (PHY)  04/28/2025                  Wang, Ying                                 InterDigital, Inc.
TGbn (PHY)  04/28/2025                  Yan, Aiguo                                SAMSUNG ELECTRONICS
TGbn (PHY)  04/28/2025                     Sun, Bo                     Sanechips Technology Co., Ltd.
TGbn (PHY)  04/28/2025                   YANG, RUI                                 InterDigital, Inc.
TGbn (PHY)  04/28/2025                  Zhang, Yan                                         Apple Inc.
TGbn (PHY)  04/28/2025                 Zhao, Xuwen                                                TCL
TGbn (PHY)  04/28/2025                   Wei, Dong  Guangdong OPPO Mobile Telecommunications Corp....
TGbn (PHY)  04/28/2025              SUH, JUNG HOON  Huawei Technologies Canada; Huawei Technologie...
TGbn (PHY)  04/28/2025                   Zhong, Ke                          Ruijie Networks Co., Ltd.
TGbn (PHY)  04/28/2025                Choi, Jinsoo                                     LG ELECTRONICS
TGbn (PHY)  04/28/2025            Deshmukh, Mrugen                                       InterDigital
TGbn (PHY)  04/28/2025                  Fang, Juan                                  Intel Corporation
TGbn (PHY)  04/28/2025              Kamel, Mahmoud                                  Interdigital Inc.
TGbn (PHY)  04/28/2025               Lee, Wookbong                                         Apple Inc.
TGbn (PHY)  04/28/2025                 Li, Jialing  Qualcomm Incorporated; Qualcomm Technologies, Inc
TGbn (PHY)  04/28/2025               Lim, Dong Guk                                     LG ELECTRONICS
TGbn (PHY)  04/28/2025                 Liu, Jiakun                                            TP-Link
TGbn (PHY)  04/28/2025                  Ni, Jiqing  Beijing OPPO telecommunications corp., ltd; Gu...
TGbn (PHY)  04/28/2025               Park, Eunsung                                     LG ELECTRONICS
TGbn (PHY)  04/28/2025  Pulikkoonattu, Rethnakaran                                       Broadcom inc
TGbn (PHY)  04/28/2025               Chen, You-Wei                                      MediaTek Inc.
TGbn (PHY)  04/28/2025        Schelstraete, Sigurd                                          MaxLinear
TGbn (PHY)  04/28/2025                Asai, Yusuke                                                NTT
TGbn (PHY)  04/28/2025                 Bai, Jiyang                                                TCL
TGbn (PHY)  04/28/2025                    Chen, Xu                    Xiaomi Communications Co., Ltd.

**CR/PDT Submissions**

1. [25/0570r4](https://mentor.ieee.org/802.11/dcn/25/11-25-0570-04-00bn-cc50-cr-for-38-3-4-transmission-of-dru.docx) CC50 CR for 38.3.4 Transmission of DRU Eunsung Park

Discussions:

C: What is the difference between with unallocated and without unallocated?

A: It is related to DBW mode, ie, DBW60

C: Why is the [DBW40 gap40] defined?

A: It is for the large bandwidth than 80MHz.

SP: Do you agree to accept the resolution of the following 1CIDs as proposed in 25/0570r4?

* CID: 2689

Results: No Objection

1. [25/0695r](https://mentor.ieee.org/802.11/dcn/25/11-25-0695-00-00bn-uhr-tx-procedure.docx)0 PDT-UHR transmit procedure Xiaogang Chen

Discussions:

C: ELR-MARK is not coded but just modulated.

A: Yes, I delete it.

C: GI is indicated by GI type. Delete the GI.

A: Okay

SP: Do you agree to accept the text proposed in document 25/0695r1 as draft text for the UHR transmit procedure to be included in the next version of the 802.11bn Draft?

Results: No Objection.

1. [25/0696r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0696-00-00bn-uhr-rx-procedure.docx) PDT-UHR receive procedure Xiaogang Chen

Discussions:

C: In every D, is it ELR capable?

A: Yes

C: for the HT case, if HT-SIG is invalid, it should go to the D?

A: I don’t think so. Since it was already identified as HT, it goes to the E1.

C: If ELR MARK is not detected, then it should go back to the earlier mode?

A: Okay, I added it with one condition of parallel processing.

C: Why did you delete the word “ intended BSS color” for CoBF/CoSR?

A: In the UHR-SIG, it just checks the intended STA-ID corresponding BSS color.

C: ELR MARK detection is done by using known sequence. and, since the BSS color = 0 can be used, it does not need to include it in here.

A: Since the ELR MARK sequence is based on the BSS color of the associated AP, it should be kept.

C: Can you defer it for SP

A: Yes. I will run it on Thursday.

1. [25/0601r1](https://mentor.ieee.org/802.11/dcn/25/11-25-0601-01-00bn-crs-on-elr-mark-section.docx) CRs on ELR Mark section Rethna Pulikkoonattu

Discussions:

C: The resolution for CID 2069 should be changed to Revised

A: Okay.

C: Is BSS color=0 not used? BSS color starts from 1 to 63.

A: It is for the row index. BSS color =0 can be used for a specific case, and it is discussing in the MAC.

C: For CID 322, the resolution seems not to use the BSS color =0. It is not correct to use from 1 to 63.

A: I will leave it open for more discussion.

SP: Do you agree to accept the proposed resolution of the following 13CIDs as proposed in document 25/0601r2?

* CID: 194,323,324,589,590,951,963,1164,1165,1520,1531,2069,2774,
* CID 322 is deferred.

Results: No Objection.

**Adjourn**

The meeting is Adjourned at 20:58pm ET.

# Thursday May 1st, 2025 10:00 – 12:00 ET

**Introduction**

1. The Chair (Tianyu, Apple) calls the meeting to order at 10:00pm ET.
2. The Chair follows the agenda in 11-25/0504r16.
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, Dongguk Lim (LGE), Sigurd Schelstraete (MaxLinear) or the Chair himself if unable to record attendance via IMAT system.
6. Discussions on the agenda.
	* Announcements:
		1. No straw poll time allocated during this call as announced. Please include SP request in the report so that they can be scheduled during the May F2F meeting.
	* CR/PDT Submissions:
		1. [25/0602r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0602-00-00bn-crs-on-uhr-ldpc.docx) CRs on UHR LDPC Rethna Pulikkoonattu [31C]
		2. [25/0659r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0659-00-00bn-cc50-cr-for-38-3-10-12-2-elr-ppdu.docx) CC50 CR for 38.3.10.12.2 ELR PPDU Dongguk Lim [8C]
		3. [25/0672r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0672-00-00bn-cr-for-cc50-on-subclause-38-3-10.docx) CR for CC50 on Subclause 38.3.10 Junghoon Suh [24C]
		4. [25/0682r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0682-00-00bn-crs-for-subclause-38-3-22-part-2.docx) CRs for subclause 38.3.22 Part 2 You-Wei Chen [1C]
		5. [25/0679r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0679-00-00bn-cr-cc50-subclause-38-3-15-9-3.docx) CR CC50 Subclause 38.3.15.9.3 Genadiy Tsodik [14C]
		6. [25/0678r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0678-00-00bn-cr-cc50-subclause-38-3-15-9-6-part1.docx) CR CC50 Subclause 38.3.15.9.6 Part1 Genadiy Tsodik [22C]
		7. [25/0677r1](https://mentor.ieee.org/802.11/dcn/25/11-25-0677-01-00bn-cr-cc50-subclause-38-3-23-transmit-specification.docx) CR CC50 Subclause 38.3.23 TX Spec. Genadiy Tsodik [3C]
		8. [24/2021r0](https://mentor.ieee.org/802.11/dcn/24/11-24-2021-00-00bn-pdt-phy-transmit-specification.docx) PDT PHY Transmit Specification Genadiy Tsodik [0C]
		9. [25/0702r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0702-00-00bn-cr-phy-cid-3905.docx) CR-PHY-CID 3905 Ron Porat [1C]
		10. [25/0701r1](https://mentor.ieee.org/802.11/dcn/25/11-25-0701-01-00bn-pdt-phy-mu-mimo.docx) PDT-PHY-MU-MIMO Ron Porat [PDT]
		11. [25/0703r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0703-00-00bn-cc50-comment-resolutions-for-38-3-21-coordinated-beamforming.docx) CRs for 38.3.21 Coordinated Beamforming Insik Jung [4C]
		12. [25/0712r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0712-00-00bn-cc50-section-9-4-2-aa2-3-phycap-cids.docx) CC50 Section 9.4.2.aa2.3 PHYcap CIDs Eugene Baik [6C]
		13. [25/0711r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0711-00-00bn-cc50-section-38-3-1-phyintro-cid.docx) CC50 Section 38.3.1 phyintro CID Eugene Baik [1C]
	* Technical Submissions – SR:
		1. [25/0687](https://mentor.ieee.org/802.11/dcn/25/11-25-0687-00-00bn-spatial-reuse-discussion-in-802-11bn.pptx) Spatial Reuse discussion in 802.11bn Juan Fang

**Attendance**

TGbn (PHY)  01/05/2025       Wei, Dong  Guangdong OPPO Mobile Telecommunications Corp....
TGbn (PHY)  01/05/2025   Lee, Wookbong                                         Apple Inc.
TGbn (PHY)  01/05/2025     Zhao, Xuwen                                                TCL
TGbn (PHY)  01/05/2025  SUH, JUNG HOON  Huawei Technologies Canada; Huawei Technologie...
TGbn (PHY)  01/05/2025     Liu, Jiakun                                            TP-Link
TGbn (PHY)  01/05/2025    Sadiq, Bilal                           Samsung Research America
TGbn (PHY)  01/05/2025      Wu, Tianyu                                         Apple Inc.
TGbn (PHY)  01/05/2025        Xin, Yan  Huawei Technologies Canada; Huawei Technologie...
TGbn (PHY)  01/05/2025      Wang, Ying                                 InterDigital, Inc.
TGbn (PHY)  01/05/2025     Kim, Youhan                        Qualcomm Technologies, Inc.
TGbn (PHY)  01/05/2025       Wu, Kanke                                         Apple Inc.
TGbn (PHY)  01/05/2025      Fang, Juan                                  Intel Corporation
TGbn (PHY)  01/05/2025     Li, Jialing  Qualcomm Incorporated; Qualcomm Technologies, Inc
TGbn (PHY)  01/05/2025   feng, Shuling                                      MediaTek Inc.
TGbn (PHY)  01/05/2025       Zhong, Ke                          Ruijie Networks Co., Ltd.
TGbn (PHY)  01/05/2025    Asai, Yusuke                                                NTT
TGbn (PHY)  01/05/2025   Lim, Dong Guk                                     LG ELECTRONICS
TGbn (PHY)  01/05/2025   Park, Eunsung                                     LG ELECTRONICS
TGbn (PHY)  01/05/2025         Sun, Bo                     Sanechips Technology Co., Ltd.

1. [25/0602r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0602-00-00bn-crs-on-uhr-ldpc.docx) CRs on UHR LDPC Rethna Pulikkoonattu

Discussions:

C: The resolution of CID 2267 should be changed to “revised”, and add an instruction to the Editor.

A: Yes.

C: For CID 951, it should be changed to “revised’ because it did not have an exact suggestion.

A: Yes

C: Can you see the resolution about the use of capital case? You need to check other cases

A: I will change its resolution to open

C: Regarding the CIDs that have blank as proposed change, the resolution should be changed to revised

A: I will revisit it

C: Why do we use the exponent matrix name? 11n uses a matrix prototype.

A: I don’t know it exactly.

C: Regarding CIDs that are open, should you remove that at the request of SP or prepare the new CR document?

A: I got it.

1. 25/696r2 UHR Rx Procedure Xiaogang Chen

Discussions:

C: modify the typo DL/UL to UL/DL

A: Yes.

1. [25/0659r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0659-00-00bn-cc50-cr-for-38-3-10-12-2-elr-ppdu.docx) CC50 CR for 38.3.10.12.2 ELR PPDU Dongguk Lim

Discussions:

C: Where is the constellation defined in 11bn?

A: I don’t know it exactly. I will check it.

C: I think we'd better keep the original text because Constellation mapping and LDPC are applied only to the RRU1

A: Two steps just describe which constellation is used and how to apply the LDPC tone mapping for the ELR PPDU. And, regarding the RU, since it is described in the next step, we don’t need it.

C: The constellation and LDPC tone mapping are only applied to the 52-tone RU1.

A: In step h), this is described that constellation and LDPC tone mapping are done for the 52-tone RRU1.

1. [25/0672r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0672-00-00bn-cr-for-cc50-on-subclause-38-3-10.docx) CR for CC50 on Subclause 38.3.10 Junghoon Suh

Discussions: None

1. [25/0682r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0682-00-00bn-crs-for-subclause-38-3-22-part-2.docx) CRs for subclause 38.3.22 Part 2 You-Wei Chen

Discussions: None

1. [25/0702r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0702-00-00bn-cr-phy-cid-3905.docx) CR-PHY-CID 3905 Ron Porat

Discussions: None

1. [25/0701r1](https://mentor.ieee.org/802.11/dcn/25/11-25-0701-01-00bn-pdt-phy-mu-mimo.docx) PDT-PHY-MU-MIMO Ron Porat

Discussions:

C: Could you add the description for full bandwidth

A: Yes

C: Change two RU to two RU/MRUs

A: Yes

C: Did you check the use of the term partial BW MIMO in other parts of the draft?

A: No, but it was used in some parts.

1. [25/0703r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0703-00-00bn-cc50-comment-resolutions-for-38-3-21-coordinated-beamforming.docx) CRs for 38.3.21 Coordinated Beamforming Insik Jung

Discussions:

C: We changed “antenna” to “antenna chain” in the previous. So could you check it with Ross?

A: Okay. It changed with" transmit chain”

C: This change should be done globally in the spec.

C: The transmit/receiver chain was used with different meanings according to the member

C: Regarding the Transmit chain or receiver chain, you can check the other place as well

1. 25/0711r0 CC50 Section 38.3.1 phyintro CID Eugene Baik

Discussions: None

**Adjourn**

The meeting is Adjourned at 12:00pm ET.