IEEE P802.11
Wireless LANs

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| Minutes 802.11 be PHY ad hoc – July Plenary meetings  |
| Date: 2021-07-12 |
| Author(s): |
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Abstract

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

* July 12, 2021

**Monday July 12th, 2021 19:00 – 21:00 ET**

**Introduction**

1. The Chair (Sigurd Schelstraete, Quantenna/ON Semiconductor) calls the meeting to order at 19:00 ET.
2. The Chair follows the agenda in 11-21/0924r3.
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 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.
6. Discussions on the agenda.

CC36 CR Submissions:

* + [1052r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1052-00-00be-cc36-cr-for-36-3-12-9-eht-stf.docx) CC36 CR for 36.3.12.9 EHT-STF Eunsung Park
	+ [1053r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1053-00-00be-cc36-cr-for-36-3-2-6-ru-and-mru-restrictions-for-20-mhz-operation.docx) CC36 CR for 36.3.2.6 RU and MRU restrictions for 20 MHz operation Eunsung Park
	+ [1054r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1054-00-00be-cc36-cr-for-cid-4971-to-4974.docx) CC36 CR for CID 4971 to 4974 Eunsung Park
	+ [1127r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1127-00-00be-cc36-cr-on-ppdu-encoding-process.docx) CC36 CR on PPDU Encoding Process Youhan Kim
	+ [1131r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1131-00-00be-cc36-plme.docx) CC36 PLME Youhan Kim

Technical Submissions:

* + [247r4](https://mentor.ieee.org/802.11/dcn/21/11-21-0247-04-00be-bandwidthindicationinrtsctsin320mhzppduandpuncturedpreambles.pptx) BW Indication In Rts/Cts In 320 MHz Ppdu And Punctured Preambles Brian Hart

**CR contributions**

1. **1052r0 CC36 CR for 36.3.12.9 EHT-STF** **– Eunsung Park (LGE)**

**Discussions:**

C: Some editorial comments.

A: Accepted and update to r1.

SP#1: Do you agree to the comment resolution as proposed in 11-21/1052r1 for the following CIDs?

* CID 8025

 No objection to the SP.

1. **1053r0 CC36 CR for 36.3.2.6 RU and MRU restrictions for 20 MHz operation – Eunsung Park (LGE)**

**Discussions:**

C: Some editorial comments.

A: Accepted and update to r1.

SP#2: Do you agree to the comment resolution as proposed in 11-21/1053r1 for the following CIDs?

* CID 4511, 5467

 No objection to the SP.

1. **1054r0 CC36 CR for CID 4516 and 4971 to 4974 – Eunsung Park (LGE)**

**Discussions:**

C: Is 1003 already motioned?

A: Not yet but expected to motion this week.

C: Any procedure issue?

C: Editor suggest changing the resolution to “Incorporate the changes as shown in 21/1003r0”.

A: Accepted and update to r1.

SP#3: Do you agree to the comment resolution as proposed in 11-21/1054r1 for the following CIDs?

* CID 4516, 4971, 4972, 4973, 4974

 No objection to the SP.

1. **1127r1 CC36 CR on PPDU Encoding Process – Youhan Kim (Qualcomm)**

**Discussions:**

C: Clarify that Two 996-tone RUs for EHT 160MHz MCS14 is not on 2x996 RU.

C: There is no definition for single stream pilot LTF.

A: The equation 36-41 is the definition of the single stream pilot LTF.

C: Some editorial comments.

A: Accepted and update to r2.

C: Defer CID 5527 and 4549.

A: Removed these 2 CIDs in the SP.

SP#4: Do you agree to the comment resolution as proposed in 11-21/1127r2 for the following CIDs?

* CID 4546, 7186, 4841, 8094, 7187, 7188, 4842, 6433, 4843, 7476, 7189, 4548, 5474

 No objection to the SP.

1. **1131r0 CC36 PLME – Youhan Kim (Qualcomm)**

SP#5: Do you agree to the comment resolution as proposed in 11-21/1131r0 for the following CIDs?

* CID 7282, 4914, 7283, 4557, 7284

 No objection to the SP.

**Technical submissions**

1. **247r4 BW Indication In Rts/Cts In 320 MHz Ppdu And Punctured Preambles – Brian Hart (Cisco)**

**Discussions:**

C: Slide 7: For the cyan curve, why it drops for SNR below 1dB?

A: At very low SNR, everything is bad. This is conditioned on parity check and good L-SIG.

SP#6:

* **Option A: No Parity or CRC to protect Service field**
	+ Any future use of Service field should be conditional on a good MPDU (which is already implicit in *today*’s use of the Service field)
* **Option B: Add 1 bit of Parity to Service field bit 15 that protects Service field bits 7-14**
* **Option C: Add 2 bits of Parity to Service field bits 14-15 that protect Service field bits 7-13 (Details TBD)**
* **Option D: Add a 3 bit CRC to Service field bits 13-15 that protects Service field bits 7-12**
* **Abstain**

**Pick your favorite option**

 Option A/ Option B/ Option C/ Option D/ Abs: 29/5/3/3/25

**Recess**

The meeting is Recessed at 20:32 PM ET