IEEE P802.11
Wireless LANs

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| LB275 CR for CIDs in 9.2.4.7.11 |
| Date: 2023-09-11 |
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Abstract

This submission proposes resolutions of comments received from TGbe comment collection LB275 based on TGbe D4.0.

19358, 19380, 19381 (3 CIDs)

Revisions:

* Rev 0: Initial version of the document.

# ****CID 19358****

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| **Clause** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 9.2.4.6.4 | 124.50 | HE link adaptation (HLA)/EHT link adaptation (ELA) - Under which circumstances is this HLA vs ELA? Certainly section 9.2.4.7.3 provides no information! The response to CID 17380 provided answer, but just to the individual commenter, not to the many thousands of future readers. | Add "(See 9.2.4.7.11 for disambiguating these fields.)" or similar. | Revised.Agreed in principle. Reflect the detailed explanation.**Instructions to the editor:****Please make the changes as shown in 11/23-1583r0 under CID 19358.** |

**Instructions to the Editor:**

Please make the following changes in Line 49, Page 124in TGbe Draft D4.0:

**Table 9-25—Control ID subfield values**

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| **Control ID value** | **Meaning** | **Length of the Control Information subfield (bits)** | **Content of the Control Information subfield** |
| 0 | Triggered response scheduling (TRS) | 26 | See [9.2.4.7.1 (TRS Control)](#bookmark6) |
| 1 | Operating mode (OM) | 12 | See 9.2.4.7.2 (OM Control) |
| 2 | HE link adaptation (HLA)/EHT link adaptation (ELA) | 26 | See 9.2.4.7.3 (HLA Control)/[9.2.4.7.11 (ELA Control)](#bookmark19)(See 9.2.4.7.11 for disambiguating HLA Control and ELA Control.) |
| 3 | Buffer status report (BSR) | 26 | See 9.2.4.7.4 (BSR Control) |
| 4 | UL power headroom (UPH) | 8 | See 9.2.4.7.5 (UPH Control) |
| 5 | Bandwidth query report (BQR) | 10 | See [9.2.4.7.6 (BQR Control)](#bookmark9) |
| 6 | Command and status (CAS) | 8 | See 9.2.4.7.7 (CAS Control) |
| 7 | EHT operating mode (EHT OM) | 6 | See [9.2.4.7.8 (EHT OM Control)](#bookmark10) |
| 8 | Single response scheduling (SRS) | 10 | See [9.2.4.7.9 (SRS Control)](#bookmark15) |

# ****CID 19380****

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| 9.2.4.7.11 | 134.14 | In Table 9-33d-- ELA Control subfields, PS160 Subfield Definition, "the PS160 subfield is set to 0 to indicate the RU or MRU allocation applies to the primary 160 MHz channel and set to 1 to indicate the RU or MRU allocation applies to the secondary 160 MHz channel for an RU or MRU size smaller than or equal to 2ï´996 tones; the PS160 subfield is used to indicate the RU or MRU index along with the RU Allocation subfield for an RU or MRU size smaller than or equal to 2ï´996 tones." The last sentence is wrong. The first sentence already addresses RU or MRU with size smaller than or equal to 2x996, the last sentence should be "the PS160 subfield is used to indicate the RU or MRU index along with the RU Allocation subfield for an RU or MRU size larger than 2x996 tone" | As in comment | Revised.Agreed in principle. Reflect the detailed explanation.**Instructions to the editor:****Please make the changes as shown in 11/23-1583r0 under CID 19380.** |

**Instructions to the Editor:**

Please make the following changes in Line 8, Page 134in TGbe Draft D4.0:

**Table 9-33d—ELA Control subfields**

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| **Subfield** | **Meaning** | **Definition** |
| PS160 | Indication of primary 160 MHz channel or sec-ond 160 MHz channel that the RU or MRU allocation applies to if the size of RU or MRU is smaller than or equal to 2996 tones. Oth- erwise, the PS160 subfield is used to indicate theRU or MRU index along with the RU Allocation subfield. | If the Unsolicited MFB subfield is equal to 1, or the Unsolicited MFB subfield is equal to 0 and the MRQ/UL EHT TB PPDU MFB subfield is equal to 1, the PS160 subfield is set to 0 to indicate the RU or MRU allocation applies to the primary160 MHz channel and set to 1 to indicate the RU or MRU allo- cation applies to the secondary 160 MHz channel for an RU or MRU size smaller than or equal to 2996 tones; the PS160 sub- field is used to indicate the RU or MRU index along with the RU Allocation subfield for an RU or MRU size larger than 2996 tones. Refer to the RU Allocation subfield defi- nition in [Table 9-45l (Encoding of the PS160 and RU Alloca-](#bookmark77) [tion subfields in an EHT variant User Info field)](#bookmark77).Otherwise, this subfield is reserved. |
| RU Allocation | RU or MRU associated with the recommended EHT-MCS/RU or MRUfor which the MFB requester solicits feedback | If the Unsolicited MFB subfield is equal to 1 and the MRQ/UL EHT TB PPDU MFB subfield is equal to 0, the RU Allocation subfield and the PS160 jointly indicate the RU or MRU which the recommended EHT-MCS applies to, as defined in 35.19 (EHT link adaptation using ELA Control subfield).If the Unsolicited MFB subfield is equal to 0 and the MRQ/UL EHT TB PPDU MFB subfield is equal to 1, the RU Allocation subfield and the PS160 jointly indicate the RU or MRU for which feedback is requested by the MFB requester.If the Unsolicited MFB subfield is equal to 1 and the MRQ/UL EHT TB PPDU MFB subfield is equal to 1, the RU Allocation subfield and the PS160 jointly indicate the RU or MRU which the recommended EHT-MCS applies to, as defined in 35.19 (EHT link adaptation using ELA Control subfield).The RU Allocation subfield and the PS160 subfield are inter- preted with the BW subfield to specify the RU or MRU. The RU or MRU index encoding is as defined in [Table 9-45l](#bookmark77) [(Encoding of the PS160 and RU Allocation subfields in an](#bookmark77) [EHT variant User Info field)](#bookmark77).Otherwise, this subfield is reserved. |

# ****CID 19381****

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| 9.2.4.7.11 | 135.06 | In Table 9-33d-- ELA Control subfields, BW Subfield Definition, "If the Unsolicited MFB subfield is equal to 1 and the MRQ/UL EHT TB PPDU MFB subfield is equal to 0, the BW subfield indicates the bandwidth which the recommended EHT-MCS applies to, as defined in 35.19 (EHT link adaptation using ELA Control subfield).If the Unsolicited MFB subfield is equal to 1 and the MRQ/UL EHT TB PPDU MFB subfield is equal to 1, the BW subfield indicates the bandwidth which the recommended EHT-MCS applies to, as defined in 35.19 (EHT link adaptation using ELA Control subfield)." The behavior for two conditions, the MRQ/UL EHT TB PPDU MFB subfield is equal to 0 or equal to 1, are identical, please use concise language. | Combine the first two paragraph to "If the Unsolicited MFB subfield is equal to 1, the BW subfield indicates the bandwidth which the recommended EHT-MCS applies to, as defined in 35.19 (EHT link adaptation using ELA Control subfield)." | Revised.Agreed in principle. Reflect the detailed explanation.**Instructions to the editor:****Please make the changes as shown in 11/23-1583r0 under CID 19381.** |

**Instructions to the Editor:**

Please make the following changes in Line 6, Page 135in TGbe Draft D4.0:

|  |  |  |
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| **Subfield** | **Meaning** | **Definition** |
| BW | Bandwidth associated with the recommended EHT- MCS/Bandwidth for which the MFB requester solicits feedback | If the Unsolicited MFB subfield is equal to 1, the BW subfield indicates the bandwidth which the recommended EHT-MCS applies to, as defined in 35.19 (EHT link adaptation using ELA Control subfield).If the Unsolicited MFB subfield is equal to 0 and the MRQ/UL EHT TB PPDU MFB subfield is equal to 1, the BW subfield indicates the PPDU bandwidth for which the MFB requester solicits feedbackSet to 0 for 20 MHz.Set to 1 for 40 MHz.Set to 2 for 80 MHz.Set to 3 for 160 MHz.Set to 4 for 320 MHz.Values 5, 6, and 7 are reserved.Otherwise, this subfield is reserved. |