IEEE P802.11
Wireless LANs

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| LB 271 CR for 35.7.4 and 35.7.5 |
| Date: 2023-04-05 |
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Abstract

##### This submission present proposed resolutions for the following 5 CIDs:

##### 17075, 17076, 17077, 17252, 17253

##### The proposed changes are based on 802.11be/D3.1.

##### Revision history:

r0 – initial version

r1 – incooporate Alfred’s comments

r2 – editorial changes

## CID 17075, 17076

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| **CID** | **Clause** | **P.L** | **Comment** | **Proposed Change** | **Resolution** |
| 17075 | 35.7.4 | 616.37 | “All feedback segments shall be sent in a single A-MPDU contained in a PPDU” – A-MPDUs are always sent in PPDUs | Delete “contained in a PPDU” | Revised.In the context, it emphasizes that all feedback sengments sent in a single A-MPDU need to be sent in a single PPDU. Therefore, the text changes to “All feedback segments shall be sent in an A-MPDU contained in a single PPDU “TGbe editor: please incorporate changes shown in 11-22/0566r2 under the tag 17075 |
| 17076 | 35.7.4 | 616.41 | “An EHT beamformer, which sends a BFRP Trigger frame to retrieve an EHT compressed beamforming/CQIreport from an EHT beamformee, shall” – bad grammar | Change to “An EHT beamformer that sends a BFRP Trigger frame to retrieve an EHT compressed beamforming/CQIreport from an EHT beamformee shall”. Ditto next para | Accepted |

***Tgbe editor: please make the following change in subclause 35.7.4***

***P622L38***

All feedback segments shall be sent in an A-MPDU (#17075) contained in a single PPDU and shall be included in the A-MPDU in the descending order of the values of the Remaining Feedback Segments subfield.

***P62241***

An EHT beamformer (#17076) that sends a BFRP Trigger frame to retrieve an EHT compressed beamforming/CQI report from an EHT beamformee shall solicit all possible feedback segments by setting all of the bits in the Feedback Segment Retransmission Bitmap subfield to 1 in the User Info field identifying the EHT beamformee.

An EHT beamformer (#17076) that fails to receive some or all of the feedback segments of the EHT compressed beamforming/CQI report from the EHT beamformee shall not use a BFRP Trigger frame to request retransmission of the feedback segments. In this case, the EHT beamformer may repeat the entire sounding sequence.

## CID 17077, 17252, 17253

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| **CID** | **Clause** | **P.L** | **Comment** | **Proposed Change** | **Resolution** |
| 17077 | 35.7.5 | 617.01 | "if the Feedback Type And Ng and Codebook Sizesubfields in the preceding EHT NDP Announcement frame indicates" -- bad conjugation | Change "indicates" to "indicate" | Revised. Agree with the commenter in principle. Accounted for the suggested changes, along with some similar editorial changes in the next sentence.TGbe editor: please incorporate changes shown in 11-22/0566r2 under the tag 17077 |
| 17252 | 35.7.5 | 617.37 | The sentence "The source of an EHT sounding NDP is equal to the TA of the immediately preceding EHT NDP Announcement frame." is not technically correct. The concept of a "source" and "TA" is related to MAC frames, and the NDP is the only PPDU without a MAC frame. | Change the sentence to " The transmitter of an EHT sounding NDP is the transmitter of the immediately preceding EHT NDP Announcement frame." | Revised. Agree with the commenter in principle. Accounted for the suggested changes, along with some editorial improvements.TGbe editor: please incorporate changes shown in 11-22/0566r2 under the tag 17252 |
| 17253 | 35.7.5 | 617.33 | The sentence "The destination of an EHT sounding NDP is the STA(s) addressed by the STA Info field(s) in the immediately preceding EHT NDP Announcement frame." is not technically correct. The concept of a "destination" is related to MAC frames, and the NDP is the only PPDU without a MAC frame. | Change the sentence to " The receiver of an EHT sounding NDP is the STA(s) addressed by the STA Info field(s) in the immediately preceding EHT NDP Announcement frame." | Revised. Agree with the commenter in principle. Accounted for the suggested changes, along with some editorial improvements.TGbe editor: please incorporate changes shown in 11-22/0566r2 under the tag 17253 |

***TGbe editor: please make the following change in subclause 35.7. 1***

***P623L1***

* NUM\_STS indicates two or more spatial streams if the Feedback Type And Ng and Codebook Size subfields in the preceding EHT NDP Announcement frame (#17077) indicate either SU or MU, or one or more spatial streams if the Feedback Type And Ng and Codebook Size subfields in the preceding EHT NDP Announcement frame indicate CQI. See below for additional constraints on NUM\_STS.

***P623L33***

The (#17253) intended recipient(s) of an EHT sounding NDP is (are) the STA(s) addressed by the STA Info field(s) in the immediately preceding EHT NDP Announcement frame.

***P623L37***

The (#17252) transmitter of an EHT sounding NDP is the same STA that transmitted the immediately preceding EHT NDP Announcement frame.