IEEE P802.11
Wireless LANs

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| CR for CID 6057, 6058, 6059, and 7800 |
| Date: 2022-05-12 |
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Abstract

##### This submission present proposed resolutions for the following CIDs: 6057 6058 6059 7800

##### The proposed changes are based on 802.11be/D1.5.

##### Revision history:

##### r0 – initial version

r1 – editorial change

r2 – editorial change

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| **CID** | **Clause** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 6057 | 35.5.1 | 288.50 | this paragraph should be removed since subclause 35.5.4 gives complete and accurate rules. | As in comment | Rejected.This paragraph on P288L50 defines the maximum MPDU length for the EHT compresed beamforming/CQI report. Subclause 35.5.4 discusses the rules for generating segmented feedback. Paragraph on P288L50 is not redundant. **Tgbe editor, no further action is needed** |
| 6058 | 35.5.1 | 289.01 | Based on the tet, an AP with 160MHz can annoucne 80MHz MU beamformer capability or 320MHz MU beamformer capability which should be disallowed. | Change the text according to the comment. | Revised. Agree with the comment. An EHT AP that sets the Support For 320 MHz In 6 GHz subfield in the EHT PHY Capabilities Information field to 0 shall not set MU Beamformer (BW = 320MHz) to 1.**TGbe editor, please make change as shown in 11-22/757r2** **tagged by 6058.** |
| 6059 | 35.5.1 | 289.05 | Based on the tet, an STA with 160MHz can annoucne 80MHz MU beamformee capability or 320MHz MU beamformee capability which should be disallowed. | Change the text according to the comment. | Rejected. The comment on the beamformee capability is not applicable to the referred text on the beamformer capability: “A  non-AP  EHT  STA  shall  set  all  three  MU  beamformer  subfields,  MU  Beamformer (BW ≤ 80 MHz), MU Beamformer (BW = 160 MHz), and MU Beamformer (BW = 320 MHz) subfields, to 0”. **Tgbe editor, no further action is needed** |
| 7800 | 35.5.2 | 289.45 | "In partial bandwidth non-TB sounding sequence case, the Puncturing Channel Information fields in U-SIG shall indicate the same puncturing pattern as in the Partial BW Info subfield in the EHT NDP Announcement frame." Better to specify where the U-SIG belongs to, is it of the NDP following the NDPA or the PPDU carrying the NDPA? | Revise the sentence to specify the where the U-SIG belongs to. | Revised Agree with the commenter in principle. This has been addressed in D1.5 with the following text: “In an EHT non-TB sounding sequence case, the occupied subchannel(s) indicated by the BW and Puncturing Channel Information fields in the U-SIG field of the NDP shall be the same as the requested subchannel(s) indicated in the Partial BW Info subfield of the immediately preceding EHT NDP Announcement frame. ” **Tgbe editor, no further action is needed.** |

***TGbe editor: please make the following change in subclause 35.7.2***

(#1120)An MU beamformer is an EHT AP that sets at least one of the following MU beamformer subfields(#4488): MU Beamformer (BW ≤ 80 MHz), MU Beamformer (BW = 160 MHz), and MU Beamformer (BW = 320 MHz) to 1 in the EHT PHY Capabilities Information field in the EHT Capabilities element it transmits. A non-AP EHT STA shall set all three MU beamformer subfields, MU Beamformer (BW ≤ 80 MHz), MU Beamformer (BW = 160 MHz), and MU Beamformer (BW = 320 MHz) subfields, to 0. An MU beamformer is also an SU beamformer and shall set the SU Beamformer subfield.

(#6058) An EHT AP which sets the MU Beamformer (BW = 160 MHz) subfield to 1 shall set the MU Beamformer (BW ≤ 80 MHz) subfield to 1. An EHT AP which sets the MU Beamformer (BW = 320 MHz) subfield to 1 shall set both the MU Beamformer (BW ≤ 80 MHz) and MU Beamformer (BW = 160 MHz) subfields to 1. An EHT AP which indicates no support for 320 MHz channel width in the EHT Capabilities element shall set the MU Beamformer (BW = 320 MHz) subfield to 0. An EHT AP which indicates no support for 160 MHz channel width in the HE Capabilities element shall set both the MU Beamformer (BW = 160 MHz) and MU Beamformer (BW = 320 MHz) subfields to 0.

(#5559)NOTE 1—A non-AP STA might use the value of the MU Beamformer subfield in the EHT PHY Capabilities Information field of the AP to determine the AP with which it will associate.