IEEE P802.11
Wireless LANs

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| Proposed Resolution for MAC CIDs |
| Date: 2022-12-06 |
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Abstract

This submission proposes resolution for the following CIDs, using 11me/D2.0:

3046, 3047 & 3780

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| Identifiers | Comment | Proposed change |
| CID 37809.3.1.19660.58 | A non-HE VHT STA is a VHT STA. The "non-HE" is redundant. | Change "non-HE VHT STA" to "VHT STA" at the cited reference. Also make the same change at Page 660 Line 60. |

**Discussion**

There are only two occurrences of “non-HE VHT STA” in the draft, in a single note and term is not defined anywhere.

NOTE—Setting the Disambiguation subfield to 1 prevents a non-HE VHT STA from wrongly identifying its AID in the HE NDP Announcement frame. The Disambiguation subfield coincides with the MSB of the AID12 subfield of a VHT NDP Announcement frame if the HE NDP Announcement field is parsed as VHT NDP Announcement frame by a non-HE VHT STA. The MSB of the AID12 subfield is always 0 since the maximum AID is 2007.

Both of these could be changed to “VHT STA” without loss of meaning.

REJECTED

The use of “non-HE VHT STA” in this note indicates a legacy VHT STA (defined prior to 11ac).

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| Identifiers | Comment | Proposed change |
| CID 30469.3.1.8651.00 | There is no subclause 10.24.7.5. | please provide a correct reference. |

**Discussion**

This appears to be an error within IEEE 802.11ay-2021 carried forward into D2.0. The cited text states:

“The Starting Sequence Number subfield of the Block Ack Starting Sequence Control subfield is the sequence number of the first MSDU or A-MSDU for which this BlockAck frame is sent. The value of this subfield is defined in 10.24.7.5“.

The definition of the value of the subclause is in “10.25.6.5 Generation and transmission of BlockAck frames by an HT STA, DMG STA, or S1G STA” at 1955.47. The text states:

“The Starting Sequence Number subfield of the Block Ack Starting Sequence Control subfield of the BlockAck frame shall be set to any value in the range (*WinEndR – BitmapLength + 1*))(11ax) to *WinStartR*.”

REVISED

Change the cited reference to 10.25.6.5.

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| Identifiers | Comment | Proposed change |
| CID 30479.4.2.21.16961.00 | There is no subclause 11.11.9.3 | please provide a correct reference. |

**Discussion**

This appears to be an error within IEEE 802.11ay-2021 carried forward into D2.0. The cited text states:

“Values in the Measurement for Direction fields are expressed in Channel Load as defined in 11.11.9.3.”

The definition of the value of the subclause is in “11.10.9.3 Channel load report” at 2510.47.

The text states:

“The Channel Load field is defined as the percentage of time, linearly scaled with 255 representing

100%, the STA sensed the medium was busy, as indicated by either the virtual carrier sense mechanism or the

physical carrier sense mechanism over the requested channel width (together referred to as the CS mechanism).”

REVISED

Change the cited reference to 11.10.9.3.