IEEE P802.11
Wireless LANs

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| Comment resolution on CIDs 1038, 1589, 1113, and 1111 |
| Date: 2018-05-07 |
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##### This submission presents proposed resolution for CIDs 1038, 1589, 1113, and 1111.

##### Revision history:

##### R0 – initial version

R1 – updated proposed resolution for CIDs 1589 and 1113

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| CID | Clause | Page | Line | Comment | Proposed Change |
| 1038 | I.4 | 4060 | 44 | The DMGEncodingExamples.zip file embedded in the IEEE 802.11Working Group document 11-12/0751r0 still includes OFDM vectors. | Open the zip, remove the OFDM related files and references and build a new zip. This zip to be placed in a new file, and place the link to the new file into REVmd. |

***Discussion***

Lei Huang (Panasonic) has presented 18/0334r2 and 12/0751r1 in the March 2018 plenary with the following proposed resolution:

4060.45: change “…11-12/0751r0, located at <https://mentor.ieee.org/802.11/dcn/12/11-12-0751-00-00ad-dmg-encoding-examples.docx>” to “…11-12/0751r1, located at [https://mentor.ieee.org/802.11/dcn/12/11-12-0751-01-00ad-dmg-encoding-examples.docx](https://mentor.ieee.org/802.11/dcn/12/11-12-0751-00-00ad-dmg-encoding-examples.docx)”

295.11: under the column “valid range”, change “DMG BSS: 0-24,…” to “DMG BSS: 0-12,..”

1230.48: change “Values 0-31 indicate MCS 0 to MCS 31” to “Values 0-12 and values 25-31 indicate MCS 0 to MCS 12 and MCS 25 to MCS 31, respectively”

2880.60: in Figure 20-16 (PHY transmit procedure), change “…SC blocks or OFDM symbols” to “or SC blocks”

2883.35: in Figure 20-18 (PHY receive procedure), change “…SC blocks or OFDM symbols” to “or SC blocks”

Note that the revised document 12/0751r1 has removed the OFDM related files and references.

***Proposed resolution:***

**Revised**

4060.45: change “…11-12/0751r0, located at <https://mentor.ieee.org/802.11/dcn/12/11-12-0751-00-00ad-dmg-encoding-examples.docx>” to “…11-12/0751r1, located at [https://mentor.ieee.org/802.11/dcn/12/11-12-0751-01-00ad-dmg-encoding-examples.docx](https://mentor.ieee.org/802.11/dcn/12/11-12-0751-00-00ad-dmg-encoding-examples.docx)”

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2880.60: in Figure 20-16 (PHY transmit procedure), change “…SC blocks or OFDM symbols” to “or SC blocks”

2883.35: in Figure 20-18 (PHY receive procedure), change “…SC blocks or OFDM symbols” to “or SC blocks”

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| CID | Clause | Page | Line | Comment | Proposed Change |
| 1589 | I.4 | 2944 | 4 | In table 21-12, why list the bits explicitly, and also number "Number of bits" column? | Delete the "Number of bits" column. Same thing in Tables 23-11, 23-13, 23-14, 23-18, 20-11, and 20-13. In 23-16, delete the parentheticals, throughout. |

***Discussion***

















***Proposed resolution:***

**Revised**

Delete the "Number of bits" column in Table 21-12, 23-11, 23-13, 23-14, and 23-18.

For Table 20-11, replace the Number of bits column and the Starting bit column with Bit column.

For Table 20-13, replace the Number of bits column and the Start bit column with Bit column.

In 23-16, delete the parentheticals, throughout, and delete the row “Total # bits”.

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| CID | Clause | Page | Line | Comment | Proposed Change |
| 1113 | 10.35.6 | 1791 | 14 | "The destination of [blah] is equal to the RA of the" is cumbersome. Also, for control frames we typically refer to the receiver and not the destination. Similarly, wrt to the next statement, we refer to transmitter and not the source. | Replace this and the following sentence with "The transmitter and intended receiver of the VHT NDP are identified by the TA and RA fields, respectively, of the immediately preceding VHT NDP Announcment frame." Make a similar change at P1791L47 |

***Discussion***

As referred to 1791.14 to 1791.19,



As referred to 1791.47 to 1791.52,



***Proposed resolution:***

**Revised**

**At 1791.14 to 1791.19, please replace the two paragraphs wit the following:**

The intended receiver of a VHT NDP is identified by the RA of the immediately preceding VHT NDP Announcement frame.

The transmitter of a VHT NDP is identified by the TA of the immediately preceding VHT NDP Announcement frame.

**At 1791.47 to 1791.52, please replace the two paragraphs wit the following:**

The intended receiver of a S1G NDP is identified by the RA of the immediately preceding S1G NDP Announcement frame.

The transmitter of a S1G NDP is identified by the TA of the immediately preceding S1G NDP Announcement frame.

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| CID | Clause | Page | Line | Comment | Proposed Change |
| 1111 | 10.35.7 | 1791 | 20 | In the MAC, "frame" is a synonym for "MPDU". Also the name changes from "S1G NDP Sounding frame" at the beginning of the subclause to "S1G NDP" toward the end. | Change all use of "S1G NDP Sounding frame" and "S1G NDP" to "S1G NDP" (or "S1G NDP PPDU" or "S1G NDP Sounding PPDU", but at use it consistently throughout). |

***Discussion***

As referred to clause 10.35.7, there are three appearances of “S1G NDP Sounding frame”, and these are the only 3 appearances in the draft amendment.



***Proposed resolution:***

**Revised**

Replace “S1G NDP Sounding frame” with “S1G NDP” at 1791.20, 1791.23, and 1791.24.