IEEE P802.11
Wireless LANs

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| MAC CID Comment Resolutions |
| Date: 2025-09-26 |
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Abstract

This submission proposes comment resolutions to MAC CIDs 287, 288, 289, 290 and 291 from REVmf initial letter ballot. The changes are for D1.0.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 287 | 995.44 | 9.4.1.72 | The sentence describes a comparison, not an assignment. | Change the text at the cited location to:"Set to 0 to indicate a resolution of 20 MHz if the BW subfield is equal to 0 to 3. Setto 1 to indicate a resolution of 40 MHz if the BW subfield is equal to 4." |
| 288 | 997.14 | 9.4.1.72 | The table title describes a comparison, not an assignment. | Change the "set to" to "equal to" in the title of Table 9-143. The same changes needs to be made to the titles of Table 9-144, Table 9-145, Table 35-4 and Table 35-5. |
| 289 | 1000.13 | 9.4.1.72 | The text describes a comparison, not an assignment. | Change "set to" to "equal to". There is the same issue at P1000.18, P1002.63, P1000.64, P1003.37, P1003.38, P1003.47, P1027.37, P1137.47, P1137.48, P1142.63, P1171.44, P1172.24, P5240.20, P5242.46, P5247.01 |
| 290 | 1139.30 | 9.4.2.20.15 | The figure title describes a comparison, not an assignment. | Change the "set to" to "equal to" in the title of Figure 9-382. The same changes needs to be made to the titles of Figure 9-383 and Figure 9-384. |
| 291 | 1136.35 | 9.4.2.20.15 | Within this paragraph, there are several parameter comparisons that are not assignments. | Change "If this field is set to" to "If this field is equal to" at the cited location and also P1136.36, P1136.37, P1136.39, P1142.46, P1142.47, P1142.48. |

Discussion (CID 287)

The original text states “The Resolution bit indicates the feedback resolution bandwidth. Set to 0 to indicate a resolution of 20 MHz if the BW subfield is set to 0 to 3”.

The style guide ([11-09-1034r21](https://mentor.ieee.org/802.11/dcn/09/11-09-1034-21-0000-802-11-editorial-style-guide.docx)) states:

## 2.3 “Is set to”

The verb “set” should only be used when describing how a field obtains a value, e.g. “The Measurement Duration field is set to the preferred or mandatory duration of the requested measurement, expressed in units of TUs.” Where the value of the field is read or referenced, (e.g., in the context of a condition), “is set to” shall not be used.

Therefore, the comparison at the end of the cited sentence should be:

“if the BW subfield is equal to 0 to 3”

Resolution (CID 287)

Revised:

***Editor: Please make the following changes to the penultimate row of Table 9-142 as shown below:***

* EHT MIMO Control field

…

**Table 9-142 EHT MIMO Control field encoding**

|  |  |
| --- | --- |
| Partial BW Info | This subfield is defined as in Figure 9-98 (Partial BW Info subfield format(#11be)).The Resolution bit indicates the feedback resolution bandwidth. Set to 0 to indicate a resolution of 20 MHz if the BW subfield is equal to 0 to 3. Set to 1 to indicate a resolution of 40 MHz if the BW subfield is equal to 4.The Feedback Bitmap subfield indicates each resolution bandwidth for which the beamformer is requesting feedback. Each non-reserved bit in the Feedback Bitmap subfield is set to 1 if the feedback on the corresponding resolution bandwidth is requested, and is set to 0 otherwise. |

Discussion (CID 288, 290)

For the cited Table and Figure titles, the word “set to” is changed to “equal to”.

Resolution (CID 288)

Revised:

***Editor: Please make the following changes to the following Table titles:***

**Table 9-143 - Subcarrier indices when not all bits in Partial BW Info subfield
corresponding to the 80 MHz frequency subblock are equal to 1**

**Table 9-144 - Subcarrier indices when all bits in Partial BW Info subfield corresponding to the 80 MHz frequency subblock are equal to 1 for *Ng* = 4**

**Table 9-145 - Subcarrier indices when all bits in Partial BW Info subfield corresponding to the 80 MHz frequency subblock are equal to 1 for *Ng* = 16**

**Table 35-4 - EHT nominal packet padding indication when the PPE Thresholds Present subfield is equal to 0 in both the EHT and HE Capabilities elements**

**Table 35-5 - EHT nominal packet padding indication for *NSS* ≤ *NSTS*+1 when the PPE Thresholds Present subfield is equal to 0 in the EHT Capabilities element and 1 in the HE Capabilities element**

Resolution (CID 290)

Revised:

***Editor: Please make the following changes to the following Figure titles:***

**Figure 9-382 — Extended Measurement Report data field format when both the Channel Measurement Report Method subfield and the Antenna Measurement Report Method subfield are equal to 0**

**Figure 9-383—Extended Measurement Report data field format when the Channel Measurement Report Method subfield is equal to 0 and the Antenna Measurement Report Method subfield is equal to 1**

**Figure 9-384—Extended Measurement Report data field format when the Channel Measurement Report Method subfield is equal to 1 and the Antenna Measurement Report Method subfield is equal to 0**

Discussion (CID 289)

For the cited text the words “set to” are changed to “equal to”.

Within the proposed comment resolution, the reference to P1000.64 should be P1002.64.

Resolution (CID 289)

Revised:

***Editor: Please make the following changes to the following sentences:***

*P1000.13*

For an EHT NDP Announcement frame carried in a PPDU of bandwidth larger than or equal to 80 MHz, in each 80 MHz frequency subblock, if the Partial BW Info subfield requests feedback for the entire 80 MHz (i.e., all the bits corresponding to the 80 MHz frequency subblock are equal to 1), then compressed beamforming information related to subcarrier indices of the corresponding 996-tone RU is included in the feedback report.

*P1000.18*

If the Partial BW Info subfield in each 80 MHz frequency subblock requests feedback for a subset of the 80 MHz (i.e., some but not all of the bits corresponding to the 80 MHz frequency subblock are equal to 1), then:

*P1002.63*

When the EMLSR Mode subfield is equal to 1, the EMLSR/EMLMR Link Bitmap subfield is the EMLSR Link Bitmap subfield.

*P1002.64*

When the EMLMR Mode subfield is equal to 1, the EMLSR/EMLMR Link Bitmap subfield is the EMLMR Link Bitmap subfield.

*P1003.37, 1003.38*

When the EMLSR Mode subfield is equal to 0 and the EMLMR Mode subfield is equal to 0, the EMLSR/EMLMR Link Bitmap subfield is not present.

*P1027.37*

When the Extensible column of an element is equal to Subelements, then the element might be extended in future revisions or amendments of this standard by defining additional subelements.

*P1137.47, 1137.48*

If a subfield is equal to 1, the measurement report applies to the indicated channel; otherwise, if the subfield is equal to 0, the measurement report does not apply to the indicated channel.

*P1142.63*

If two or more subfields in the Directional Statistics Bitmap are equal to 1, the corresponding measurement results are included in the Measurement Results field in the same sequence as they appear in the Directional Statistics Bitmap field.

*P1171.44*

If the ACM subfield is equal to 0, then there is no admission control for the corresponding AC. If the ACM subfield is equal to 1, admission control has to be used prior to transmission using the access parameters specified for this AC.

*P1172.24*

A TXOP Limit field equal to 0 has a special meaning.

*P5240.20 (discuss this one)*

The User Info field shall be addressed to an associated non-AP STA (i.e., AID12 subfield is equal to a value in the range 1 to 2006).

*P5242.46*

The non-AP EHT STA that received an MU-RTS TXS Trigger frame with TXOP Sharing Mode subfield equal to 2 may transmit, within an allocated time, a QoS Data or QoS Null frame that includes an HE variant HT Control field with a CAS Control subfield with the RDG/More PPDU subfield equal to 0 to the associated AP from which it has received an EHT Capabilities element with the TXOP Return Support In TXOP Sharing Mode 2 subfield equal to 1. Otherwise, the STA shall not transmit such frame to its associated AP within the allocated time.

*P5247.01*

For a frame sent by a STA affiliated with the MLD with Address 1 field equal to a group address (if allowed as described in 9.3.1 (Control frames)….

Discussion (CID 291)

For the cited text, change the words “If this field is set to" to "If this field is equal to”.

Resolution (CID 291)

Revised:

***Editor: Please make the following changes to the following sentences:***

*P1136.36, 1136.37, 1136.39*

The Measurement Method field indicates the method used by the STA to carry out this measurement request and the format of the Measurement for Time Block field(s). If this field is equal to 0, it indicates that the Measurement for Time Blocks fields are expressed in ANIPI. If this field is equal to 1, it indicates that the Measurement for Time Block fields are expressed in RSNI. If this field is equal to 2, it indicates that the Measurement for Time Block fields are expressed in ANIPI during the duration of the requested measurement, in units of 1 μs. If this field is equal to 3, it indicates that the Measurement for Time Block fields are expressed in RSNI during the duration of the requested measurement, in units of 1 μs. Other values are reserved.

*Alternative re-write*

The Measurement Method field indicates the method used by the STA to carry out this measurement request and the format of values in the Measurement for Time Block field(s). The format of the values, when the Measurement Method field is equal to:

* 0, are expressed in ANIPI,
* 1, are expressed in RSNI,
* 2, are expressed in ANIPI during the duration of the requested measurement, in units of 1 μs,
* 3, are expressed in RSNI during the duration of the requested measurement, in units of 1 μs.

Other values are reserved.

*P1142.46, 1142.47, 1142.48*

The Measurement Method field indicates the method used by the STA to carry out the measurement request and the format of values in the Measurement Results field. If this field is equal to 0, it indicates that the values in the Measurement Results field are expressed in ANIPI. If this equal is set to 1, it indicates that the values in the Measurement Results field are expressed in RCPI. If this field is equal to 2, it indicates that the values in the Measurement Results field are expressed in Channel Load. Other values are reserved.

*Alternative re-write*

The Measurement Method field indicates the method used by the STA to carry out the measurement request and the format of values in the Measurement Results field. The format of the values, when the Measurement Method field is equal to:

* 0, are expressed in ANIPI,
* 1, are expressed in RCPI,
* 2, are expressed in Channel Load.

Other values are reserved.