IEEE P802.11
Wireless LANs

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| Comment Resolution on MIMO BF Feedback/Selection Frame Format |
| Date: 2018-1-11 |
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Abstract

This submission proposes resolution of comments on 9.6.22.6 MIMO BF Feedback frame format and 9.6.22.7 MIMO BF Selection frame format received from LB# 231 (TGay Draft 1.0).

- 3 CID: 1341, 1680, 2337

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| **CID** | **Page Number** | **Line Number** | **Comment** | **Proposed Change** | **Resolution** |
| 1680 | 98 | 13 | Cannot have "shall" in section 9. Need to move to section 10. | Move the "shall" to Section 10 | Revised-TGay editor to make the changes shown in 11-18/0093r0 under all headings that include CID 1680. |
| 2337 | 98 | 13 | Please move any Section 9 sentences containing shall to section 10 per the Editor Note | Please move any Section 9 sentences containing shall to section 10 per the Editor Note | Revised-TGay editor to make the changes shown in 11-18/0093r0 under all headings that include CID 2337. |
| 1341 | 99 | 7 | "The MIMO Feeback Control Element" - it is actually refering to the MIMO Selection Control Element | Replace "MIMO Feedback Control" with "MIMO Selection Control" | Accepted-TGay editor to make the changes shown in 11-18/0093r0 under all headings that include CID 1341. |

**Proposed changes to D1.0:**

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* + - 1. MIMO BF Feedback frame format

*L10P98: delete the following paragraph (CID #1680, #2337):*

~~The Sector ID Order subfield shall not be present in the Channel Measurement Feedback element. The SNR subfield shall be present in the Channel Measurement Feedback element. The EDMG Sector ID Order and BRP CDOWN subfields shall be present in the EDMG Channel Measurement Feedback element.~~

*L14P98: modify the following two paragraphs:*

The MIMO BF Feedback frame contains more than one Channel Measurement Feedback element if the measurement information exceeds 255 octets. The content of each Channel Measurement Feedback element that follows the first one in a single MIMO BF Feedback frame is a continuation of the content in the previous element. The SNR, Channel Measurement, Additional SNR and Additional Channel Measuremen subfields can be split between several elements. Each Channel Measurement Feedback element that is not the last Channel Measurement Feedback element in the frame is 257 octets long. Channel measurement information for a single channel measurement is always contained within a single MIMO BF Feedback frame.

The MIMO BF Feedback frame contains more than one EDMG Channel Measurement Feedback element if the measurement information exceeds 254 octets. The content of each EDMG Channel Measurement Feedback element that follows the first one in a single MIMO BF Feedback frame is a continuation of the content in the previous element. The EDMG Sector ID Order, BRP CDOWN, Tap Delay, Additional EDMG Sector ID Order, Additional BRP CDOWN and Additional Tap Delay subfields can be split between several elements. Each EDMG Channel Measurement Feedback element that is not the last EDMG Channel Measurement Feedback element in the frame is 257 octets long. Channel measurement information for a single channel measurement is always contained within a single MIMO BF Feedback frame.

**10.38.9.2.1 General**

*L15P163: insert the following at the end of this clause (CID #1680, #2337):*

The Sector ID Order and Tap Delay subfields shall not be present in the Channel Measurement Feedback element included in any MIMO BF Feedback frame transmitted during SU-MIMO or MU-MIMO BF training.The SNR subfield shall be present in the Channel Measurement Feedback element included in any MIMO BF Feedback frame transmitted during SU-MIMO or MU-MIMO BF training. The EDMG Sector ID Order and BRP CDOWN subfields shall be present in the EDMG Channel Measurement Feedback element included in any MIMO BF Feedback frame transmitted during SU-MIMO or MU-MIMO BF training.

* + - 1. MIMO BF Selection frame format

*L7P99: make the following change (CID #1341):*

The MIMO Selection Control element is defined in 9.4.2.262.

**Straw Poll:**

* **Do you agree to accept the comment resolution as proposed in doc 11-18/0093r0?**