IEEE P802.11
Wireless LANs

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| Removal of Multiple Sector Feedback Mechanism |
| Date: 2017-10-11 |
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Abstract

This submission proposes to remove the multiple sector feedback mechanism as described in 10.38.9.2.2 of D0.5.

**Discussion:**

The purpose of the multiple sector feedback mechanism as described in 10.38.9.2.2 of D0.5 is to enable MIMO BF. However, multiple sector feedback procedure has been included in the SISO phase of SU-MIMO BF or MU-MIMO BF. Therefore, it is unnecessary to introduce a separate multiple sector feedback mechanism for MIMO BF.

**Propsed changes to D0.5:**

1. **Delete the clause 10.38.9.2.2 in P86L19**
2. **Delete the following text in P46L1**
	* 1. ~~BRP Request field~~

*~~Change Figure 9-639 as follows~~*

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | ~~B0 B4~~ | ~~B5~~ | ~~B6~~ | ~~B7~~ | ~~B8~~ | ~~B9~~ | ~~B10~~ | ~~B11 B16~~ | ~~B17 B24~~ | ~~B25 B26~~ | ~~B27~~ | ~~B28 B31~~ |
|  | ~~L-RX~~ | ~~TX-TRN-REQ~~ | ~~MID-REQ~~ | ~~BC-REQ~~ | ~~MID-Grant~~ | ~~BC-Grant~~ | ~~Chan-FBCK-CAP~~ | ~~TX Sector ID~~ | ~~Other\_AID~~ | ~~TX Antenna ID~~ | ~~Additional Feedback Requested~~ | ~~Reserved~~ |
| ~~Bits:~~ | ~~5~~ | ~~1~~ | ~~1~~ | ~~1~~ | ~~1~~ | ~~1~~ | ~~1~~ | ~~6~~ | ~~8~~ | ~~2~~ | ~~1~~ | ~~54~~ |

*~~Insert the following at the end of the subclause~~*

~~The Additional Feedback Requested subfield is set to 1 in an SSW-Feedback frame or an SSW-ACK frame to indicate that the transmitter of the frame requests additional sector feedback and is set to 0 otherwise. When this subfield is set to 1, the L-RX, TX-TRN-REQ, MID-REQ, and BC-REQ subfields are reserved.~~

1. **Delete the following text in P75L26**

*~~Insert the following at the end of the subclause~~*

~~The initiator may request additional feedback from the responder for more than one TX DMG antenna and more than one RX DMG antenna by setting the Additional Feedback Requested subfield to 1 in the BRP Request field.~~

1. **Delete the following text in P75L41**

*~~Insert the following at the end of the subclause~~*

~~The responder may request additional feedback from the initiator for more than one TX DMG antenna and more than one RX DMG antenna by setting the Additional Feedback Requested subfield to 1 in the BRP Request field.~~

**Straw Poll**: Do you agree to accept the proposed text modification on 11ay D0.5 as in IEEE 802.11-17/1570r1?