IEEE P802.11
Wireless LANs

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| Initial SA ballot DMG cid set1 |
| Date: 2024-August-2 |
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Abstract

This submission contains the proposed comment resolutions for the CIDs 6009, 6141 and 6173 submitted to Initial SA Ballot. The reference text is 11bf D4.0.

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| **CID** | **Section** | **Page****Line** | **Comment** | **Proposed Change** | **Resolution** |
| 6009 | 8.3.4.4 | P27L20 | "that the next PPDU to be received" suggests control over which PPDUs are received, which is a physical impossibility in a wireless medium. "to be received" may mean "to be expected", but then it is un clear what "expected" means without context. . It would be easier to figure out what is meant if I could find the parameter used in normative text, but it seems to be missing in action (as in no action associated with the parameter) | Remove the parameter since it is not used. | **Revised:** TGbf Editor make changes as in:https://mentor.ieee.org/802.11/dcn/24/11-24-1338-00-00bf-initial-sa-ballot-dmg-cid-set1.docx |

**Discussion:**

Regardless of the comment, the “EDMG\_MS\_SENSING\_STA\_ID“ is not used in any other part of the amendment. Hence, I suggest removing this parameter, thus the comment is not relevant any more.

***TGbf Editor: remove the parameter EDMG\_MS\_SENSING\_STA\_ID from Table 8-4—Vector descriptions***

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| **CID** | **Section** | **Page****Line** | **Comment** | **Proposed Change** | **Resolution** |
| 6141 | 11.55.3.6.2.3 | P188L55 | The term "filler transmission" is too vague. There isnt any definiation or occurance of such a term in the baseline protocol. The text needs to clarity what a filler transmission is, or delete such a confusing term. [ng] | Please clarity what a filler transmission is, or delete it. | **Revised:** TGbf Editor make changes as in:https://mentor.ieee.org/802.11/dcn/24/11-24-1338-00-00bf-initial-sa-ballot-dmg-cid-set1.docx |

**Discussion:**

The commenter is correct that the “filler transmission” is not a clear term.

To clarify the text the “filler transmission” I suggest to replaced with a more specific text from REVme Annex AB (Radar implementation using the DMG PHY and EDMG PHY) where rules for transmitting a PPDU to self is defined.

***TGbf Editor: edit the text in section 11.55.3.6.2.3 page:188 lines:58:***

* In the initiation phase, the sensing initiator shall send a DMG Sensing Request frame to each intended sensing responder to request them to participate in the coordinated monostatic DMG sensing measurement exchange. The STA ID field of the DMG Session Request frame shall indicate the order of DMG Sensing Request frames and the Monostatic Sounding Mode field shall be set to 0 to identify the parallel sounding mode. Each sensing responder shall respond by sending a DMG Sensing Response frame a SIFS after the request. When the SP field in the DMG Sensing Measurement Request frame is equal to 1, if the sensing initiator does not receive a response within PIFS after a DMG Sensing Request frame, it shall send the next DMG Sensing Request frame, the duration of a DMG Sensing Response frame plus , after the DMG Sensing Request frame. When SP field in the DMG Sensing Measurement Request frame is equal to 0, if the sensing initiator does not receive a response within PIFS after a DMG Sensing Request frame, it may transmit one or more additional PPDUs to keep the medium occupied till the time of the next DMG Sensing Request frame or the start of the monostatic sensing PPDU. These additional PPDUs shall be valid EDMG or DMG PPDUs constructed according to the EDMG or DMG PHY specification, and the TA field and RA field of the frame in the PPDU shall be set to the MAC address of the transmitting STA.

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| **CID** | **Section** | **Page****Line** | **Comment** | **Proposed Change** | **Resolution** |
| 6173 | 9.4.2.25 | P68L42 | The extended capbilities field "Collocated DMG Sensing AP" is only defined in this table, but des not occur otherwise in 11bf D4.0. | Remove the row "Collocated DMG Sensing AP" as it is not used in 11bf D4.0 | **Accepted**  |

**Discussion:**

The commenter is correct the "Collocated DMG Sensing AP" is not used in any other place in the ammendment.

Hence, commenter’s proposed change shall be accepted.

Straw Poll:

Do you agree with the proposed resolutions in revision 0 of this document
(11-24-1338-00-00bf-initial-sa-ballot-dmg-cid-set1.docx) ?

Y/N/A