IEEE P802.11
Wireless LANs

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| LB276-DMG-CID-set1 |
| Date: 2023-09-03 |
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Abstract

This document proposes resolution to LB276 CIDs: 3112,3121,3241,3265,3266,3344 & 3345.

The changes are relative to IEEE P802.11-REVbf/D2.0, July 2023

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| **CID** | **Section** | **Page****Line** | **Comment** | **Proposed Change** | **Resolution** |
| 3112 | 9.4.2.325 | P85L45 | The sentence "The Passive Sensing Support field indicates support for DMG passive sensing by providing information on the direction in which beacons are transmitted and optionally on the AP's location." doesn't sound right. The bit, signals support of "DMG passive sensing". The rest of the sentence is not needed at this point. A reference to the section can be helpfull. | Replace the sentence "The Passive Sensing Support field indicates support for DMG passive sensing by providing information on the direction in which beacons are transmitted and optionally on the AP's location." with "The Passive Sensing Support field indicates support for DMG passive sensing as described in 11.55.3.10 (DMG passive sensing)." | **Accepted.** |

**Discussion:**

The commenter is pointing that the description of DMG passive sensing is not needed and it is better to point to the chapter which already exists and includes the description.

The Passive Sensing Support field indicates support for DMG passive sensing as described in 11.55.3.10 (DMG passive sensing).

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| **CID** | **Section** | **Page****Line** | **Comment** | **Proposed Change** | **Resolution** |
| 3121 | 11.55.3.1 | P166L61 | The part which states:"A sensing initiator may:-- Initiate several DMG sensing measurements containing multiple DMG sensing bursts with multiple and possibly overlapping sets of sensing responders.-- Instruct the sensing responder-- In the sensing receiver role or in the sensing receiver and sensing transmitter role to report at the DMG sensing instance.-- To accumulate the results and report once per DMG sensing burst."Is not accurate. | Fix to reflect the ideas which are in Draft 1.2 | **Revised:** TGbf Editor make changes as in:https://mentor.ieee.org/802.11/dcn/23/11-23-1430-00-00bf- lb276-dmg-cid-set1.docx |

**Discussion:**

The commenter is pointing that the new text (in D2.0) is presenting the same as in the old text (D1.2) but it is less clear, and he suggests to revert to the previous version.

IEEE P802.11-REVbf/D2.0, July 2023

A sensing initiator may:

— Initiate several DMG sensing measurements containing multiple DMG sensing bursts with multiple and possibly overlapping sets of sensing responders.

— Instruct the sensing responder

* + In the sensing receiver role or in the sensing receiver and sensing transmitter role to report at the DMG sensing instance.
	+ To accumulate the results and report once per DMG sensing burst.

IEEE P802.11-REVbf/D1.2, June 2023

A sensing initiator may initiate several DMG sensing measurements containing multiple DMG sensing bursts with multiple and possibly overlapping sets of sensing responders.

A sensing initiator may instruct the sensing responder in the sensing receiver role or in the sensing receiver and sensing transmitter role to report at the DMG sensing instance, and/or it may instruct the sensing responder to accumulate the results and report once per DMG sensing burst.

***TGbf Editor: Replace the text in P166L60-P167L4:***

A sensing initiator may initiate several DMG sensing measurements containing multiple DMG sensing bursts with multiple and possibly overlapping sets of sensing responders.

A sensing initiator may instruct the sensing responder in the sensing receiver role or in the sensing receiver and sensing transmitter role to report at the DMG sensing instance, and/or it may instruct the sensing responder to accumulate the results and report once per DMG sensing burst.

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| **CID** | **Section** | **Page****Line** | **Comment** | **Proposed Change** | **Resolution** |
| 3241 | 11.55.3.6.3 | P183L28 | "Report Control field of theDMG Sensing Report Element (see 9.4.2.330 (DMG Sensing Report element))" - the report contorl field is part of the report contorl element | replace with "Report Control field of theDMG Sensing Report Contorl element (see 9.4.2.329 (DMG Sensing Report Control element))" | **Revised:** TGbf Editor make changes as in:https://mentor.ieee.org/802.11/dcn/23/11-23-1430-00-00bf- lb276-dmg-cid-set1.docx |

**Discussion:**

The commenter is correct. Text edited a bit.

***TGbf Editor: Change the text in P183L28-28 as follows:***

Report Control field of the DMG Sensing Report Control element (see 9.4.2.329 (DMG Sensing Report Control element))

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| **CID** | **Section** | **Page****Line** | **Comment** | **Proposed Change** | **Resolution** |
| 3265 | 11.55.3.1 | P167L13 | The sensing procedure is described by consisting of different parts, e.g., the sensing measurement session. By calling also this a procedure (sesning measurement session procedure), I find it harder to read. In most places it is simply called sensing measurement session. | replace "sensing measurement session procedures" by "sensing measurement sessions" | **Accepted.** |
| 3266 | 11.55.3.1 | P167L18 | i don't think "besides" is the correct word here | Replace "besides" by "except" | **Accepted.** |

**Discussion:**

The commenter is correct.

DMG sensing measurement sessions are then performed, defining sets of operational parameters. The AP establishes with STA A and STA B a set of operational parameters that is assigned a DMG Measurement Session ID equal to 1, and it establishes with STA A and STA C another set that is assigned a DMG Measurement Session ID equal to 2. Operational parameters identified with the same DMG Measurement Session ID may be different among the involved STAs, except the intra-burst and inter-burst intervals. These intervals (inter-burst and intra-burst) for both STAs are equal as per the equal DMG Measurement Session ID.

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| **CID** | **Section** | **Page****Line** | **Comment** | **Proposed Change** | **Resolution** |
| 3344 | 11.55.3.4 | P172L60 | "DMG Sensing Measurement Session Request frame" is undefined, and should be "DMG Sensing Measurement Request frame". | As in comment | **Accepted.** |
| 3345 | 11.55.3.6.1 | P176L2 | "DMG Sensing Measurement Session Request frame" is undefined, and should be "DMG Sensing Measurement Request frame". | As in comment | **Accepted.** |

**Discussion:**

The commenter is correct.

The sensing responder shall set the Sensing Type and RX Initiator fields to the same value that was in the

DMG Sensing Measurement Session element within the DMG Sensing Measurement Request

frame. If present:

The sensing initiator may update the transmit beams assigned to the sensing responder in DMG Sensing Measurement Request frame by setting the Updated TX Beam List subfield in the TDD Beamforming Information field in the DMG Sensing Request frame.

Straw Poll:

Do you agree with the proposed resolutions in revision 0 of this document?

Y/N/A