IEEE P802.11
Wireless LANs

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| LB272-DMG-CIDs-v5 |
| Date: 2023-04-24 |
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Abstract

This document proposes resolution to several LB272 DMG related CIDs.

The list of CIDs is: 1481, 1483, 1928, 2005, 2123, 1484, 2007, 2074, 2076, 2121, 1389, 2008

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| 1481 | 11.55.3.4 | 200.30 | "The sensing initiator shall set the Repeat Per Instance field to the number of times the sensing transmitter goes through the Number TX Beams Per Instance within the instance (see 11.55.3.6.3 (Bistatic DMG sensing instance))." It is not clear, how the Repeat Per Instance field is set for other sensing types. Please define if it is used, and how it is used. | Please define how the Repeat Per Instance field is set for other sensing types. | Revise: TGbf editor: make changes specified in <https://mentor.ieee.org/802.11/dcn/23/11-23-0766-00-00bf-lb272-dmg-cids-v5.docx> |

Discussion:

The reference is valid because in other cases, such as coordinated monostatic and EDMG Multistatic, this field is overridden by the value of the Num of Repeat in Instance field in the DMG Sensing Request. However, in the Multistatic case, the field is not mentioned while a field that no longer exists is mentioned.

***TGbf Editor Changeteh text in P212L42-48 as follows:***

in the STA ID. The sensing initiator sets the First Beam Index field to a value that indicates the first beam that is used for transmission in the TRN field of the first EDMG multistatic sensing PPDU. The other beams used in the Multistatic Sensing PPDUs are the following beams in the Tx Beam List subelement. The set of beams in the instance in repeated according to the Num of

Repeat in Instance field. .

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| 1483 | 11.55.3.4 | 201.17 | "The sensing responder shall set Sensing Type RX Initiator subfield..." typo | Replace with "The sensing responder shall set the Sensing Type and RX Initiator subfields to the same value that was in the SensingMeasurement Setup element of the Sensing Measurement Setup Request frame that solicited the response. |  Accept |

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| 1928 | 11.55.3.4 | 199.65 | replace "into" with "in" | As in comment |  Reject |

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| 2005 | 11.55.3.4 | 201.10 | "In the DMG Sensing Measurement Setup Request frame, the sensing responder shall set" should be a "DMG Measurement Setup Response frame according to subclause 9.6.21.9. Please change accordingly. | As in comment |  Revise: TGbf editor: make changes specified in <https://mentor.ieee.org/802.11/dcn/23/11-23-0766-00-00bf-lb272-dmg-cids-v5.docx> |

***TGbf Editor: Change the text in P201L10 as follows:***

In the DMG Sensing Measurement Setup Response frame, the sensing responder shall set the status Code

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| 2123 | 11.55.3.4 | 201.06 | In the sentence "The sensing responder shall set the DMG Measurement Setup ID field in the DMG Sensing MeasurementSetup Request frame to the value set in this field in the DMG Sensing Measurement Setup Request frame sent by the sensing initiator. In the DMG Sensing Measurement Setup Request frame,..." | Change "Request" to "Response" |  Revise: TGbf editor: make changes specified in <https://mentor.ieee.org/802.11/dcn/23/11-23-0766-00-00bf-lb272-dmg-cids-v5.docx> |

***TGbf Editor: Change the text in P201L6-9 as follows:***

The sensing responder shall set the DMG Measurement Setup ID field in the DMG Sensing Measurement Setup Response frame to the value set in this field in the DMG Sensing Measurement Setup Request frame sent by the sensing initiator.

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| 1484 | 11.55.3.5 | 201.46 | A DMG sensing burst allows for coordinated scheduled sensing by one or more sensingresponders. Wrong definition | Replace with "One or more sensing responders may be scheduled for sensing within the DMG sensing burst." |  Accept |

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| 2007 | 11.55.3.5 | 202.30 | "The following parameters" should be "The following fields" as the subsequent list contains only fields from Figure 9-110a. Please repalce "parameters" with "fields". | As in comment | Revise: TGbf editor: make changes specified in <https://mentor.ieee.org/802.11/dcn/23/11-23-0766-00-00bf-lb272-dmg-cids-v5.docx> |

***TGbf editor: Change the text in P202L30-31 as follow:***

The values of the following fields defined in the DMG Sensing Request frame shall be the same among all DMG sensing instances belonging to the same Measurement Burst ID:

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| 2074 | 11.55.3.5 | 202.05 | ..., shall be seperated by an Intra Burst Internal time from... | As in comment. |  Reject. The interval is in Interburst and not intra burst, as it refers to the first medium access in an instance |

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| 2076 | 11.55.3.5 | 202.14 | ... in the same DMG sensing instance ... | As in comment. | Revise: TGbf editor: make changes specified in <https://mentor.ieee.org/802.11/dcn/23/11-23-0766-00-00bf-lb272-dmg-cids-v5.docx>  |

***TGbf Editor: Change the text in P202.14 as follows:***

The DMG Sensing Request frames sent to the different sensing responders in the same DMG sensing instance

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| 2121 | 11.55.3.5 | 202.22 | Typo: ruled | change to "rules" | Accept  |

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| 1389 | 11.55.3.6.1 | 204.20 | "The DMG sensing instance may belong to the DMG burst" - wrong article | replace with "The DMG sensing instance may belong to a DMG burst" |  Accept |

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| 2008 | 11.55.3.6.1 | 204.12 | "The reporting phase is mandatory if the sensing responder is in the sensing receiver role and in the sensing transmitter and sensing receiver role." Please replace the first "and" with an "or". | As in comment |  Accept |

SP: Do you agree to the resolutions of CIDs 1481, 1483, 1928, 2005, 2123, 1484, 2007, 2074, 2076, 2121, 1389, 2008, as depicted in 11-23-0nnnr0.

**references: Draft P802.11bf\_D1.0**