IEEE P802.11
Wireless LANs

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| LB276 Resolutions on primitive-related comments – Part 3 |
| Date: 2023-09-11 |
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**Abstract**

This document proposes the comment resolution for CIDs 3007, 3283, 3145, 3193, 3307, and 3282.

R0: initial version on Sept 11, 2023.

# 3007 3283

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| **CID** | **Clause**  | **Page** | **Comment** | **Proposed change** | **Proposed resolution** |
| 3007 | 6.5.25.1.4 | 26.48 | For MLME-SENSREPORTRQ.indication primitive, the parameter PeerSTAAddress should specify the MAC address of the sensing responder from which the Sensing Measurement Report frame was sent. | As in comment. | **REVISED**.Agree with the commenter. Please refer to the modifications labelled by #3007 in DCN 23/1563r0: <https://mentor.ieee.org/802.11/dcn/23/11-23-1563-00-00bf-lb276-resolutions-on-primitive-related-comments-part-3.docx> |
| 3283 | 6.5.25.1.4.2 | 26.53 | MLME-SENSREPORTRQ.indication is generated by the receiving STA, so we should use the word 'received' but not 'sent'. Similar issue in P26L60. | Change to: Identifies the sensing measurement session for the Sensing Measurement Report frame that was received. | **REVISED**. Agree with the commenter. This is an issue that needs fixing based on the current text in D2.0.TGbf have identified another issue about this primitive which has been addressed in another contribution (<https://mentor.ieee.org/802.11/dcn/23/11-23-1648-00-00bf-bug-fix-mlme-sensreportrq-primitives.docx>). Hence, the issue mentioned in this comment no longer exists.  |

**Modifications:**

***To TGbf editor: Please modify the text in the first row in the table in 6.5.25.1.4.2 as follows.***

|  |  |  |  |
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| **Name** | **Type** | **Valid range** | **Description** |
| PeerSTAAddress | MAC address | Any valid individual MAC address | Specifies the MAC address of the sensing responderfrom which the Sensing Measurement Reportframe was sent. (#3007) |

# 3145

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| **CID** | **Clause**  | **Page** | **Comment** | **Proposed change** | **Proposed resolution** |
| 3145 | 6.4 | 21.54 | Delete the text "9.3.1.22.14.5 (Sensing Reporting Trigger frame)" and replace it with "9.6.7.51 Sensing Measurement Report frame format" since non-TB doesn't get trigger report frame | As per comment | **REVISED**.Agree with the commenter. Please refer to the modifications labelled by #3145 in DCN 23/1563r0: <https://mentor.ieee.org/802.11/dcn/23/11-23-1563-00-00bf-lb276-resolutions-on-primitive-related-comments-part-3.docx> |

**Modifications:**

***To TGbf editor: Please modify Table 6-1 on P21L54 as follows.***

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| **Service Name** | **MLME-xxx** | **Type** | **References** | **Comments** |
| Sensing procedure | SENSNONTBMSMTRQ | 6 | 9.3.1.19.5 (SensingNDP Announcementframe format),9.6.7.51 (Sensing Measurement Report frame format) (#3145) | See 11.55.1.5.3 (Non-TB sensingmeasurement exchange) |

# 3193 3307

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| **CID** | **Clause**  | **Page** | **Comment** | **Proposed change** | **Proposed resolution** |
| 3193 | 6.5.25.1.2 | 24.60 | Only the primitive for Sub-7GHz is descripted in the subclause, not for DMG case, please complete. | as in comment | **REJECTED**. All primitives for DMG are described in Table 6-1 in subclause 6.4. Subclause 6.5.25 describes the set of primitives for reporting in sub-7 GHz that cannot be categorized in any given type of primitives in Table 6-1.  |
| 3307 | 6.5.25.1.2.4 | 25.42 | The acronyms for SR2SI (P33L8) and SR2SR (P35L27) have been introduced but not SI2SR (P25L42) | Please replace "SI2SR" with "sensing initiator to sensing responder (SI2SR)" to introduce the acronym as for SR2SI and SR2SR | **ACCEPTED**.  |

# 3282

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| **CID** | **Clause**  | **Page** | **Comment** | **Proposed change** | **Proposed resolution** |
| 3282 | 6.5.25.1.1 | 24.58 | A figure is needed to illustrate this special form of primitives. | Add a figure to illustrate this special form. | **REVISED**. The set of SENSREPORTRQ primitives is defined specifically for reporting in a sensing procedure, which can have different functions depending on its use in TB or non-TB sensing measurement exchanges. Agree with the commenter that a figure could help understand the flow and the use of the MLME primitives. Please refer to the modifications labelled by #3282 in DCN 23/1563r0: <https://mentor.ieee.org/802.11/dcn/23/11-23-1563-00-00bf-lb276-resolutions-on-primitive-related-comments-part-3.docx> |

**Discussions:**

* All MLME SAP primitives can be found in Table 6-1. For those primitives whose MLME types are unknown, or whose usages are not clear from descriptions, or which are specifically defined for a certain service, subclause 6.5 (MLME SAP primitives) is used to define the MLME operations for such primitives. As examples, subclause 6.5.14 (SetKeys) and subclause 6.5.21(On-channel Tunneling Operation) use figures to illustrate the message sequence of the new primitives.
* The set of MLME-SENSREPORTRQ primitives are specifically defined for reporting in the sensing procedure, the use of which can differ based on the variants of the sensing measurement exchange. Therefore, figures can be helpful for understanding.

**Modifications:**

***To TGbf editor: Please modify the text in 6.5.25.1.1 as follows.***

**6.5.25 Sensing procedure**

**6.5.25.1 Sensing report request**

**6.5.25.1.1 General**

The following set of MLME primitives support the reporting of sensing measurement results between an AP and a non-AP STA.

If used in the basic reporting phase of a TB sensing measurement exchange (see 11.55.1.5.2.6.1 (Basic reporting phase)) or in a non-TB sensing measurement exchange (see 11.55.1.5.3.3 (Reporting phase)), the set of MLME primitives in this subclause assume the general form Type 2 (see 6.3.3 (Type 2)).

If used in the threshold-based reporting phase of a TB sensing measurement exchange (see 11.55.1.5.2.6.2 (Threshold-based reporting phase)), the set of MLME primitives in this subclause does not assume one of the general forms of MLME-SAP interface primitives defined in 6.3 (MLME SAP interface). Figure 6-xx (Example of the threshold-based reporting phase of a TB sensing measurement exchange) illustrates the message sequence in the threshold-based reporting phase of a TB sensing measurement exchange. (#3282)

***To TGbf editor:*** ***Please add the following figure in 6.5.25.1.1 after P24L58.***



**Figure 6-xx – Example of the threshold-based reporting phase of a TB sensing measurement exchange** (#3282)

SP:

Do you agree to the resolution provided for CIDs 3007, 3283, 3145, 3193, 3307, 3282 to be included in the latest 11bf Draft?

Y/N/A