IEEE P802.11
Wireless LANs

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| LB276 resolutions on remaining comments  |
| Date: 2023-11-15 |
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**Abstract**

This document proposes the comment resolution for remaining CIDs 3415, 3137, 3260, 3075, and 3188.

R0: initial version on Nov 14, 2023.

# 3415

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| **CID** | **Clause**  | **Page** | **Comment** | **Proposed change** | **Proposed resolution** |
| 3415 | 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**.  |

# 3137, 3260

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| **CID** | **Clause**  | **Page** | **Comment** | **Proposed change** | **Proposed resolution** |
| 3137 | 11.55.2.2 | 162.32 | Correct the place where MAC addresses are listed. | Change "Sensing Responder Addresses field" to "SensingResponderAddresses parameter". | **REVISED**. Agree with the commenter. The proposed change from the commenter was correct when we used primitive parameters in clause 11. Since we made major changes in clause 11 in DCN23/1485r3 (https://mentor.ieee.org/802.11/dcn/23/11-23-1485-03-00bf-lb276-resolutions-on-primitive-related-comments-part-2.docx), which have been approved by TGbf, the issue in the comment does not exist anymore. No further changes are needed.  |
| 3260 | 11.55.2.2 | 160.59 | it sounds like the "SensingResponderAddresses parameter" is an address rather than a parameter? | replace "parameter" by "address" | **REVISED**. Agree with the commenter. Since we made major changes in clause 11 in DCN23/1485r3 (https://mentor.ieee.org/802.11/dcn/23/11-23-1485-03-00bf-lb276-resolutions-on-primitive-related-comments-part-2.docx), which have been approved by TGbf, the issue in the comment does not exist anymore. No further changes are needed.  |

# 3075

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| **CID** | **Clause**  | **Page** | **Comment** | **Proposed change** | **Proposed resolution** |
| 3075 | 6.5.25 | 41.24 | The MLME SAP sensing procedure clause is not needed since there are not MLME parameters that are outside of the parameters described in clause 9 and 11. | Delect clause 6.5.25 and all sub-clauses. Note to Editor: There are no external references to this clause and sub-clauses. | **REJECTED**. Clause 6.25 defines the set of MLME-SENSREPORTRQ primitives. The use of this set of primitives varies depending on which type of reporting phase is used. In the threshold-based reporting phase, the primitives cannot assume any given type of MLME primitives. Therefore, we need a separate subclause to define its use to show how they are used for the sensing procedure. Has discussed with the commenter offline, who agrees with the resolution. |

# 3188

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| **CID** | **Clause**  | **Page** | **Comment** | **Proposed change** |
| 3188 | 11.55.2.2 | 163.56 | Add at the beginning of the NOTE the phrase 'when Preferred Responder list is not included" as when the Preferred Responder list is included the responder roles in the Preferred Responder Role Bitmap field can be exploited for the SR2SR as well of course if those responders support SR2SR functionality? | Need to discuss this refinement withing group before including the proposed change |

**Proposed resolution:** **REVISED**.

**Discussions**:

* The commenter raised a reasonable comment, which can be considered as an improvement. And the behavior change resulted from this improvement is a the SBP responder side, i.e., AP side.
* In the current draft, for sensing responders that are SR2SR-capable, the SBP responder determines the role for each of the sensing responders in an implementation-dependent fashion, where the SBP responder has the full control over the SR2SR sounding in SBP.
* Since we already enabled the SBP initiator to assign the role to each of the preferred sensing responder by including the Sensing Responder Role Bitmap field in the SBP Parameters element, this bitmap can also be exploited for SR2SR sounding. The simplest rationale is that, if a sensing responder can transmit in SR2SI sounding, it certainly can transmit in SR2SR sounding; if a sensing responder can receive in NDPA sounding, it certainly can receive in SR2SR sounding. Thus, the bitmap can be used as a reference for the AP to determine the role for sensing responders in SR2SR.
* I agree with the commenter that this is an improvement which needs to be discussed within TGbf. So, let’s discuss. To start with, the only change needed is some text change. A possible text change could go like below.

***To TGbf editor: Please modify the note on P163L56 in D2.0 as follows.***

If the Preferred Responder Role Bitmap Present field within the SBP Parameters field of the SBP Request frame is set to 0 and if the Status Code field within the SBP Response frame is equal to SUCCESS, the SBP responder should determine the sensing transmitter role and the sensing receiver role for the sensing responders that participate in the SR2SR variant of the TF sounding phase in the SBP procedure.

NOTE - The method used by the SBP responder to determine the sensing transmitter role and the sensing receiver role in the SR2SR variant of the TF sounding phase in the SBP procedure is implementation specific.

***To TGbf editor: Please add the following text after the NOTE above.***

If the Preferred Responder Role Bitmap Present field within the SBP Parameters field of the SBP Request frame is set to 1 and if the Status Code field within the SBP Response frame is equal to SUCCESS, the SBP responder should determine the sensing transmitter role and the sensing receiver role for the sensing responders that participate in the SR2SR variant of the TF sounding phase in the SBP procedure according to the Sensing Responder Role Bitmap field within the SBP Parameters element of the corresponding SBP Request frame.

SP:

Do you agree to the resolution provided for CIDs 3415, 3188, 3075, 3137, 3260 in 23/2101r0 to be included in the latest 11bf Draft?

Y/N/A