IEEE P802.11
Wireless LANs

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| LB272 CR for SBP CID – Part 2 |
| Date: 2023-06-xx |
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**Abstract**

This document proposes the comment resolution for CIDs 1626, 2225, 1700, 1754, 1753, 1249 and 1246. The reference draft version is D1.2.

R0: initial version on June 29, 2023.

# CID 1626, 2225

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| **CID** | **Clause** | **Page** | **Comment** | **Proposed change** | **Proposed resolution** |
| 1626 | 11.55.2.2 | 191.55 | It is not clear how the SBP initiator will learn the sensing capabilities of the sensing responders. | Specify how the SBP initiator will learn the sensing capabilities of the sensing responders. | **REJECTED**.Reason: How the SBP initiator knows the capabilities of sensing responders is out of scope of the draft. The SBP initiator can learn the capabilities of sensing responders in an implementation-dependent manner.  |
| 2225 | 9.4.2.321 | 115.44 | The recipient will know which frame carries SBP Parameters element when receiving the frame. The SBP Request bit in the SBP Parameters element is redundant. | Delete SBP Request bit (B0) in SBP Parameters Control field. | **REJECTED.** Reason: This bit was created during the process of writing the draft text, in order to improve the clarity and the conciseness of the text. This bit is used in both sub-7 GHz and 60 GHz, and there are 18 appearances of this field in the draft. Technically, this bit is redundant in the sense of frame indication. Function-wise, removing it has no positive/negative effect. Workload-wise, removing it will create substantial workload for editing. And, this comment is not required to be MUST BE SATISFIED. So, the decision is made to keep this bit. Hence this comment is rejected.  |

# CID 1700, 1754

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| 1700 | 9.6.7.56 | 151.14 | Need to add to the SBP Termination Control subfield additional bit to terminate session setup for the case when SBP initiator is an U-STA | As per comment. Also need to update the figure 9-1139l | **REVISED.** Agree with the commenter in principle. The group has agreed to remove session setup and session termination from the draft. Please refer to DCN477r3 (<https://mentor.ieee.org/802.11/dcn/23/11-23-0477-03-00bf-lb272-sensing-session.docx>). **So, no extra modifications are needed.** |
| 1754 | 11.55.2.4 | 194.52 | We need normative text and corresponding subfield in the SBP Termination frame so that an U-STA SPB initiator (or SBP Responder) intends to terminate the "session setup" inclusive of the SBP setup. | As per comment |

# CID 1753, 1249

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| 1753 | 11.55.2.2 | 193.39 | The text "An SBP responder that sends an SBP Response frame with status code SUCCESS shall include an RSTA Availability Window element in the SBP response frame......" need to be expanded to include TB Sensing specific subelement so that SBP initiator can also get AID/USID in order to participate in the TB sensing measurement instance for receiving SBP report | As per comment | **REVISED**. Agree with the commenter in principle. This comment is resolved in DCN477r3. Please refer to <https://mentor.ieee.org/802.11/dcn/23/11-23-0477-03-00bf-lb272-sensing-session.docx>. In the latest draft, the SBP Response frame already has an AID/USID field. **So, no extra modifications are needed.** |
| 1249 | 9.4.2.321 | 9.17 | I believe the Mandatory Number of Responders subfield should be reserved if the SBP Request subfield is set to 0. The value carried in this field doesn't impact the meaning of other fields in this case. | As suggested. | **REVISED**. Agree with the commenter in principle. Only the SBP initiator, where the application resides, can request whether a certain requirement for SBP must be satisfied or not. The Mandatory Number of Responders field and Mandatory Preferred Responder field have no meaning in the SBP Response frame. So, these two fields should be reserved, rather than given a certain value.Please refer to the modifications given in 23/1108r0 (<https://mentor.ieee.org/802.11/dcn/23/11-23-1108-00-00bf-lb272-cr-for-sbp-cid-part-2.docx>) for CID 1249 and 1250. |
| 1250 | 9.4.2.321 | 28.17 | I believe the Mandatory Prefered Responder subfield should be reserved if the SBP Request subfield is set to 0. The value carried in this field doesn't impact the meaning of other fields in this case. | As suggested. |

**Modification for CID 1249, 1250**

***To TGbf Editor: Please modify the following text in 9.4.2.321on P77L53 and P78L6 in D1.2.***

If the SBP Request field is equal to 0(\*0626),

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— The Mandatory Number of Responders field is reserved.

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— The Mandatory Preferred Responder field is reserved.

# CID 1246

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| **CID** | **Clause** | **Page** | **Comment** | **Proposed change** | **Proposed resolution** |
| 1246 | 11.55.2.2 | 191.39 | Normative text that defines that SensingMeasurementParameter shall not be present in a .response primitive with status code SUCCESS. | As suggested. | REVISED. Agree with the commenter in principle.Please refer to the modifications given in 23/1108r0 (<https://mentor.ieee.org/802.11/dcn/23/11-23-1108-00-00bf-lb272-cr-for-sbp-cid-part-2.docx>) for CID 1246. |

**Modification for CID 1246**

***To TGbf Editor: Please modify the following text in 11.55.2.2 on P154L27 in D1.2.***

If the StatusCode parameter within the MLME-SBP.response primitive is equal to SUCCESS, the MLMESBP.response primitive shall include a MeasurementSessionID parameter that specifies the Measurement Session ID assigned for the SBP setup exchange. In this case, the MLME-SBP.response primitive shall not include a SensingMeasurementParameter parameter and may include an SBPParameters parameter.

SP:

Do you agree to include the resolutions provided for CIDs 1626, 2225, 1700, 1754, 1753, 1249 and 1246 in the latest 11bf Draft?

Y/N/A