IEEE P802.11  
Wireless LANs

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| |  |  |  |  |  | | --- | --- | --- | --- | --- | | LB 276 CR for CIDs 3395 and 3303 | | | | | | Date: 2023-10-31 | | | | | | Author(s): | | | | | | Name | Affiliation | Address | Phone | email | | Mahmoud Kamel | InterDigital |  |  | mahmoud.kamel@interdigital.com | | Rui Yang | InterDigital |  |  |  | | Ali Raissinia | Qualcomm |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |

Abstract

This submission proposes resolutions for CIDs 3395 and 3303 in subclause 9.4.2.320 in P802.11bf D2.0.

NOTE – Set the Track Changes Viewing Option in the MS Word to “All Markup” to clearly see the proposed text edits.

**Revision History:**

R0: Initial version

R1: The resolution to CID 3303 is revised

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| **CID** | **Clause** | **Page.Line** | **Comment** | **Proposed Change** | **Resolution** |
| 3395 | 9.4.2.35 | 68.40 | It might be useful to add another bit in the BSSID Information field format to indicate whether the AP identified by this BSSID supports SBP or not | As in comment | **Reject**  All optional sensing features may be discovered through the Extended Capability element or the Sensing Capability element and there is no critical need to include another bit in the BSSID Information field for the indication of SBP support. Limiting capability indication to one bit for sensing in the BSSID helps avoid “beacon bloating” and is good enough for the indication of a sensing-capable STA. |

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| **CID** | **Clause** | **Page.Line** | **Comment** | **Proposed Change** | **Resolution** |
| 3303 | 9.4.2.320 | 72.16 | Should Sensing Measurement Report Requested field be always set to 1 in an SBP Request frame? Otherwise when Sensing Receiver field is reserved, how to interprete this Sensing Measurement Report Requested field? | Add "Sensing Measurement Report Requested field is always set to 1 in an SBP Request frame" | **Revise**  The problem brought up by the commenter is reasonable and this problem can be solved using different approaches, the approach that has been voted by the group members is adopted in this revision of the document.  Investigating the problem further suggests other changes to the specs to improve the readability and remove the ambiguity.  TGbf editor: please incorporate changes shown in 11-23/1826r0 below under the tag (#3303). |

***TGbf editor: please make the following change in subclause 9.4.2.320, P72L1 in 11bf D2.1.***

The Sensing Transmitter field is set to 1 to indicate a sensing transmitter role for the sensing responder; and is set to 0 otherwise. The Sensing Transmitter field is reserved in the Sensing Measurement Parameters element included in the SBP Request frame when the Preferred Responder Role Bitmap Present field is set to 1 in the SBP Parameters Control field of the SBP Parameters element in the same SBP Request frame(#3303).

The Sensing Receiver field is set to 1 to indicate a sensing receiver role for the sensing responder; and is set to 0 otherwise. The Sensing Receiver field is reserved in the Sensing Measurement Parameters element included in the SBP Request frame when the Preferred Responder Role Bitmap Present field is set to 1 in the SBP Parameters Control field of the SBP Parameters element in the same SBP Request frame(#3303).

***TGbf editor: please insert the following paragraph in subclause 11.55.2.3, P66L13 in 11bf D2.1.***

If the Sensing Receiver field is reserved in the Sensing Measurement Parameters element included in the SBP Request frame, the Sensing Measurement Report Requested field in the Sensing Measurement Parameters element included in the same SBP Request frame is set to

- 1 to indicate that the SBP responder (i.e., AP) and all sensing responders with the sensing receiver role (i.e., value 01 or 11 in the Preferred Responder Role Bitmap in the SBP Parameters element) shall send the Sensing Measurement Report frames in sensing measurement exchanges that result from the sensing measurement session(s) initiated by the SBP responder (#3303)

- 0 to indicate that the SBP responder (i.e., AP) and all sensing responders with the sensing receiver role (i.e., value 01 or 11 in the Preferred Responder Role Bitmap in the SBP Parameters element) shall not send the Sensing Measurement Report frames in sensing measurement exchanges that result from the sensing measurement session(s) initiated by the SBP responder (#3303)