IEEE P802.11
Wireless LANs

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| LB281 CR for OST CIDs (11.55.1 Sensing Procedure) – Part 2 |
| Date: 2024-03-10 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Stephan Sand | German Aerospace Center (DLR) |  |  | stephan.sand@ieee.org |
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Abstract

This submission discusses resolutions to the following 7 CIDs from LB281 of TGbf D3.0.

The CID list is: 4021, 4059, 4060, 4062, 4063, 4191, 4281

Proposed changes in this document are with reference to TGbf D3.0.

Revisions:

* Rev 0: Intitial version of the document

Proposed comment resolution

Presented and discussed, no open discussion points

Under discussion

G/T must be satisfied comment

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| **CID** | **Commentor** | **Cat** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 4062 | Ankit Sethi | T | 75.48 | Support for optional CSI report feedback is not addressed. Further, security of CSI report is not addressed | Add a bit indication in Capability Element indicating support for CSI report feedback by station | RejectedDepending on the value of the Sensing Measurement Report Requested field within the Sensing Measurement Request frame, a STA reports CSI in TB and non-TB measurement exchanges see 11.55.1.5.2.6 and 11.55.1.5.3.3 for TB and non-TB measurement exchanges. Thus, CSI feedback can be optional both for TB and non-TB measurement exchanges. However, it is mandatory that a Sensing STA supports basic CSI reporting. |
| 4191 | Xilin Cheng | T | 76.01 | CID3099 is not fully resolved | Please refer to CID3099 | RejectedComment should refer to 77.27 in D3.0Depending on the value of the Sensing Measurement Report Requested field within the Sensing Measurement Request frame, a STA reports CSI in TB and non-TB measurement exchanges see 11.55.1.5.2.6 and 11.55.1.5.3.3 for TB and non-TB measurement exchanges. Thus, CSI feedback can be optional both for TB and non-TB measurement exchanges. However, it is mandatory that a Sensing STA supports basic CSI reporting. |
| 4063 | Zheng Guo | T | 77.27 | Since transmission of Sensing Measurement Report frames by a sensing responder is optional (motion 60). a one-bit subfield "Reporting" should be added to "Figure 9-1001bi--Sensing field format." | Add a one-bit subfield "Reporting" to "Figure 9-1001bi--Sensing field format." | RejectedDepending on the value of the Sensing Measurement Report Requested field within the Sensing Measurement Request frame, a STA reports CSI in TB and non-TB measurement exchanges see 11.55.1.5.2.6 and 11.55.1.5.3.3 for TB and non-TB measurement exchanges. Thus, CSI feedback can be optional both for TB and non-TB measurement exchanges. However, it is mandatory that a Sensing STA supports basic CSI reporting. |
| 4059 | Kiseon Ryu | T | 77.28 | Transmission of Sensing Measurement Report frames by a sensing responder should be optional. | Add 1 bit "Report" field indicating support of sensing measurement signaling by a sensing responder in Figure 9-1001bi--Sensing field format | RejectedDepending on the value of the Sensing Measurement Report Requested field within the Sensing Measurement Request frame, a STA reports CSI in TB and non-TB measurement exchanges see 11.55.1.5.2.6 and 11.55.1.5.3.3 for TB and non-TB measurement exchanges. Thus, CSI feedback can be optional both for TB and non-TB measurement exchanges. However, it is mandatory that a Sensing STA supports basic CSI reporting. |
| 4281 | Liuming Lu | G | 136.08 | The description is confusing as a sensing procedure may contain one or more sensing measurement session(s). | "Suggest to change ""A sensing procedure is initiated with the establishment of a sensing measurement session, which is then followed | RevisedIn principle agree with commen.tResolved by CR to CID 4300 in document [11-24-0351/r2](https://mentor.ieee.org/802.11/dcn/24/11-24-0351-02-00bf-lb281-misc.docx) |
| 4060 | Kiseon Ryu | T | 140.06 | Transmission of Sensing Measurement Report frames by a sensing responder should be optional. | Please add a sentence "Transmission of Sensing Measurement Report frame by a sensing responder is optional." | RejectedDepending on the value of the Sensing Measurement Report Requested field within the Sensing Measurement Request frame, a STA reports CSI in TB and non-TB measurement exchanges see 11.55.1.5.2.6 and 11.55.1.5.3.3 for TB and non-TB measurement exchanges. Thus, CSI feedback can be optional both for TB and non-TB measurement exchanges. However, it is mandatory that a Sensing STA supports basic CSI reporting. |
| 4021 | Chaoming Luo | T | 141.58 | In TB exchanges, reports should not be sent if Sensing Measurement Report Requested field to 0. The current text appears missing it. We should have similar wording as P141L46. | Change to "In both TB and non-TB sensing measurement exchanges" | RejectedP155L43-47 states already what is missing on P141L58 according to the comment:In TB sensing measurement exchanges, the sensing initiator shall not assign any UL resources to a sensing responder in a Sensing Reporting Trigger frame if the sensing initiator assigns in a Sensing Measurement Request frame the role of sensing receiver to the sensing responder and also sets the Sensing Measurement Report Requested field to 0. |

### CID 4191:

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| **CID** | **Commentor** | **Cat** | **Clause** | **Page** | **Comment** | **Proposed Change** | **Submission** | **Resolution** |
| 3099 | Xilin Cheng | T | 9.4.2.321 | 76.01 | According to Motion 60, transmission of Sensing Measurement Report frames by a sensing responder is optional. | Add a one-bit subfield "Reporting" to Figure 9-1002bi (Sensing field format) | 23/2093r2 | REJECTEDThe TG could not reach consensus on the changes necessary to address the comments. A set of LB272 CIDs proposing the same changes were discussed during the comment resolution process of LB272 (see document 23/0882). Based on offline discussions, we conclude that there is still no consensus in resolving the above LB276 CIDs. |

# Straw Poll

Do you support the resolution of the following 7 CIDs and instruct TGbf editor to incorporate the changes into the latest TGbf draft: 4021, 4059, 4060, 4062, 4063, 4191, 4281?

Y/N/A