IEEE P802.11
Wireless LANs

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| Comment Resolutions for 11bf D1.0 Segmented Report CIDs |
| Date: 2023-03-10 |
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Abstract

This submission proposes resolutions of comments received from TGbf LB272 (TGbf Draft 1.0).

* CIDs: 1154, 2044, 2292 (3 CIDs)

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: Changed the resolution of CID 2044 to REJECTED based on offline feedback.
* Rev 2: Editorial changes in the resolution text for CID 1154 based on offline feedback.
1. **Introduction**

Interpretation of a Motion to Adopt

A motion to approve this submission means that the editing instructions and any changed or added material are actioned in the TGbf Draft. The introduction and the explanation of the proposed changes are not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGbf Draft (i.e. they are instructions to the 802.11bf editor on how to merge the text with the baseline documents).***

***TGbf Editor: Editing instructions preceded by “TGbf Editor” are instructions to the TGbf editor to modify existing material in the TGbf draft. As a result of adopting the changes, the TGbf editor will execute the instructions rather than copy them to the TGbf Draft.***

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| CID | Commenter | Clause  | Page | Comment | Proposed Change | Resolution |
| 1154 | Claudio da Silva | 11.55.1.5.3.4 | 187.54 | The sentence "The Sensing Measurement Report Control field... other than the first report segment." doesn't belong in Clause 11. | Move the sentence to 9.4.1.75.1. Modify length of the Sensing Measurement Report Control field in Figure 9-144l to "0 or variable". | **REVISED.**Clause 9 only describes the fields but does not describe how the fields are set. Behavioral description is required in Clause 11 to clarify that the Sensing Measurement Report Control field can only be present in the contatiner that carries the first report segment. The cited sentence is broken into two for more clarity and also the length of the Sensing Measurement Report Control field in Figure 9-144l is modified to "0 or variable". TGbf editor to make the changes shown in IEEE 802.11-23/00370r2 under all headings that include CID 1154. |
| 2044 | Sigurd Schelstraete | 11.55.1.5.3.4 | 187.59 | Change "the last report segment that may be smaller." to "the last report segment, which may be smaller." | See comment | **REJECTED.**The suggestion is to change “that” to “which”, however the latest editorial guidelines is to use “that” instead of “which”. |
| 2292 | Li-Hsiang Sun | 11.55.1.5.3.4 | 187.59 | Sensing report segment length should be based on initiator's Max MPDU length instead of a MIB variable | as in comment | **REJECTED.**This was discussed during the earlier comment collection and it was agreed by the group to use a fixed segment size instead of being based on the Initiator’s Max MPDU length. This was to avoid re-segmentation in the case where the SBP Initiator only supports the smaller MPDU lengths (3895 or 7991) while the SBP Responder (AP) supports largest (11454).Please see page 10 in 11-22-22/1579r3 for details. |

SP: Do you agree to incorporate the changes proposed in IEEE 802.11-23/00370r2 to the latest 11bf draft for the following CIDs? 1154, 2044, 2292

* Sensing Measurement Report Container field(#294, #65) (#1154)
* General

***TGbf editor: Modify the subclause as the following (Track Changes ON):***

The Sensing Measurement Report Container field contains a single sensing measurement report. The format of the Sensing Measurement Report Container field is defined in Figure 9-144l (Sensing Measurement Report Container field format).

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| --- | --- | --- | --- | --- |
|  | Container Length |  Segmentation Control | Sensing Measurement Report Control | Sensing Measurement Report |
| Octets: | 2 | 6 | (#1154) 0 or variable | variable |
| * Sensing Measurement Report Container field format(#597, #287)
 |

**11.55.1.5.3.4 Rules for generating segmented sensing measurement reports** **(#1154)**

***TGbf editor: Modify the subclause as the following (Track Changes ON):***

If a Sensing Measurement Report information exceeds dot11SENSReportSegmentSize, then the Sensing

Measurement Report information shall be split into up to thirty-two report segments.

Each report segment shall be included in a separate Sensing Measurement Report Container and shall contain successive portions of the Sensing Measurement Report information. (#1154) The Sensing Measurement Report Control field shall be included in the Sensing Measurement Report Container that carries the first report segment and the Report Control Present field in the Segmentation Control field shall be set to 1. The Sensing Measurement Report Control field shall not be included in a Sensing Measurement Report Container that does not carry the first report segment and the Report Control Present field in the Segmentation Control field shall be set to 0. Each report segment shall be of equal length, the length of each report segment being equal to dot11SENSReportSegmentSize, except the last report segment that may be smaller.

Each report segment is identified by the value of the Remaining Report Segments subfield and the First

Report Segment subfield in the Sensing Measurement Report Control field as defined in Table 9-127f (Segmentation Control field). The other non-reserved subfields of the Segmentation Control field shall be the same for all report segments. All report segments shall be sent in a single A-MPDU contained in a PPDU and shall be included in the A-MPDU in the descending order of the values of the Remaining Report Segments subfield.