IEEE P802.11  
Wireless LANs

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| |  |  |  |  |  | | --- | --- | --- | --- | --- | | LB 272 CR for CIDs on Sensing Measurement Setup – Part 2 | | | | | | Date: 2023-04-10 | | | | | | Author(s): | | | | | | Name | Affiliation | Address | Phone | email | | Mahmoud Kamel | InterDigital |  |  | mahmoud.kamel@interdigital.com | | Rui Yang | InterDigital |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |

Abstract

This submission proposes resolutions for 14 CIDs (1108, 1431, 1533, 1713, 1811, 1119, 1599, 1120, 2111, 1535, 1536, 1537, 1538, 1715) in subclause 11.55.1.4 in P802.11bf D1.0:

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

## CIDs: 1108, 1431, 1533, 1713, 1811

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| **CID** | **Clause** | **Page.Line** | **Comment** | **Proposed Change** | **Resolution** |
| 1108 | 11.55.1.4 | 174.32 | \*All\* "assignments" agreed upon on a SM setup are fixed until the sensing measurement setup is terminated. No reason to single out the sensing transmitter, sensing receiver, and the measurement report type. Replace these two paragraphs with one that covers all subfields within the Sensing Measurement Parameters and Sensing subelements. | As suggested. | **Revise**  Agree in principle with the comment. The two paragraphs are replaced by one paragraph covering all the negotiated sensing parameters.  TGbf editor: please incorporate changes shown in 11-23/0624r0 below. |
| 1431 | 11.55.1.4 | 174.37 | Unclear sentence. The assignment of ??? shall be fixed until the sensing measurement setup is terminated. What is the "???"? | Rewrite the sentence or break it into two sentences. | **Revise**  Agree in principle with the comment and the changes are applied according to CID 1108.  TGbf editor: please incorporate changes shown in 11-23/0624r0 below. |
| 1533 | 11.55.1.4 | 174.36 | What is the 'measurement report type'? And how this is related to the sensing responder being a sensing receiver? | As in comment | **Revise**  Agree in principle with the comment and the changes are applied according to CID 1108.  TGbf editor: please incorporate changes shown in 11-23/0624r0 below. |
| 1713 | 11.55.1.4 | 174.36 | Delete the text "The assignment of measurement report type of a sensing responder as a sensing receiver corresponding to a Measurement Setup ID shall be fixed until the sensing measurement setup is terminated" | As per comment  as there is no report type anymore | **Revise**  Agree in principle with the comment and the changes are applied according to CID 1108.  TGbf editor: please incorporate changes shown in 11-23/0624r0 below. |
| 1811 | 11.55.1.4 | 174.37 | There is no 'measurement report type' subfield now, so no assignment. | Remove the commented paragraph. | **Revise**  Agree in principle with the comment and the changes are applied according to CID 1108.  TGbf editor: please incorporate changes shown in 11-23/0624r0 below. |

***TGbf editor: please make the following change in subclause 11.55.1.4, P174L32.***

(#1108)

(#1108)

The sensing parameters as defined in the Sensing Measurement Parameters field of the Sensing Measurement Parameters element, the TB Sensing Specific subelement and the Non-TB Sensing Specific subelement and negotiated in the sensing measurement setup corresponding to a Measurement Setup ID shall be fixed until the sensing measurement setup is terminated (#1108, #1431, #1533, #1713, #1811).

## CIDs: 1119, 1599

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| **CID** | **Clause** | **Page.Line** | **Comment** | **Proposed Change** | **Resolution** |
| 1119 | 11.55.1.4 | 174.53 | "... Poll Assigned field is set to ..." | Text must be made normative. | **Accept** |
| 1599 | 11.55.1.4 | 174.55 | Poll Required subfield in the Sensing field not the Sensing element | Change the text to " ... if the Poll Required subfield within the Sensing field in the last Sensing element ... " | **Accept** |

***TGbf editor: please make the following change in subclause 11.55.1.4, P174L53***

If the sensing initiator includes a TB Sensing Specific subelement in a Sensing Measurement Setup Request frame, the Poll Assigned field shall be (#1119) set to 1 if the Poll Required field within the Sensing field (#1599) in the last Sensing element received from the sensing responder is set to 1.

## CIDs: 1120, 2111

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| **CID** | **Clause** | **Page.Line** | **Comment** | **Proposed Change** | **Resolution** |
| 1120 | 11.55.1.4 | 174.58 | "... SR2SR field is set to 1 only ..." | Text must be made normative. | **Revise**  Agree in principle with the comment and the text is modified accordingly.  TGbf editor: please incorporate changes shown in 11-23/0624r0 below. |
| 2111 | 11.55.1.4 | 174.60 | Word lost: SR2SR subfield | SR2SR support subfield | **Accept** |

***TGbf editor: please make the following change in subclause 11.55.1.4, P174L58***

If the sensing initiator includes a TB Sensing Specific subelement in a Sensing Measurement Setup Request frame, the SR2SR field shall not be (#1120) set to 1 if the SR2SR Support (#2111) field within the Sensing field in the last Sensing element received from the sensing responder is set to 0, and may be set to 1 if the SR2SR Support field is set to 1.

## CIDs: 1535, 1536, 1537, 1538, 1715

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| **CID** | **Clause** | **Page.Line** | **Comment** | **Proposed Change** | **Resolution** |
| 1535 | 11.55.1.4 | 174.65 | missing the identifier 'field' | Change to "Min Time Between Measurements field" | **Accept** |
| 1715 | 11.55.1.4 | 174.64 | Change the text "If the sensing initiator includes a non-TB Sensing Specific subelement in a Sensing Measurement Setup Request frame, the value contained in the Min Time Between Measurements shall not be lower than the value of the Min Time Between Measurements field in the last Sensing element or Sensing Parameters element received from the sensing responder" to | If the sensing initiator is a non-AP STA and it intends to assign sensing measurement parameters to a sensing responder it shall include a non-TB Sensing Specific subelement as part of the Sensing Measurement Parameter element in a Sensing Measurement Setup Request frame and shall assign a value in the Min Time Between Measurements field not lower than the value of the Min Time Between Measurements field in the last Sensing element received from the sensing responder | **NOT DECIDED (Reject/Revise)**  **Reject if option1 is preferred and Revise if option2 is preferred** |
| 1536 | 11.55.1.4 | 175.01 | Sensing element has no Min Time Between Measurements field | Change to "... Min Time Between Measurements subfield within the Sensing field in the last Sensing element ..." | **Accept** |
| 1537 | 11.55.1.4 | 175.01 | There is no element with the name Sensing Parameters | Change 'Sensing Parameters element' to 'Sensing Measurement Parameters element' | **Accept** |
| 1538 | 11.55.1.4 | 175.01 | Sensing Measurement Parameters element has no Min Time Between Measurements field | Change to " ... or in the non-TB Sensing Specific subelement in the last Sensing Measurement Parameters element ... " | **Accept** |

***TGbf editor: please make the following change in subclause 11.55.1.4, P174L64***

Option 1:

If the sensing initiator includes a non-TB Sensing Specific subelement in a Sensing Measurement Setup Request frame, the value contained in the Min Time Between Measurements field (#1535) shall not be lower than the value of the Min Time Between Measurements field within the Sensing field (#1536) in the last Sensing element or in the non-TB Sensing Specific subelement in the last Sensing Measurement Parameters element (#1537, #1538) received from the sensing responder.

Option2:

If the sensing initiator is a non-AP STA and it intends to assign sensing measurement parameters to a sensing responder it shall include a non-TB Sensing Specific subelement as part of the Sensing Measurement Parameter element in a Sensing Measurement Setup Request frame and shall assign a value in the Min Time Between Measurements field which is not lower than the value of the Min Time Between Measurements field within the Sensing field in the last Sensing element received from the sensing responder (#1715).