IEEE P802.11
Wireless LANs

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| LB272 CR for MLME CID – Part 2 |
| Date: 2023-05-23 |
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**Abstract**

This document proposes the comment resolutions for 30 MLME CIDs that can be resolved by accepting the proposed draft texts proposed in 625r1: <https://mentor.ieee.org/802.11/dcn/23/11-23-0625-01-00bf-pdt-on-new-clause-6.docx>. The motion for 625r1 was passed during May Interim.

CID: 1001, 1319, 2065, 1215, 1265, 1266, 1267, 1268, 1269, 1270, 1271, 1272, 1273, 1274, 1275, 1276, 1277, 1636, 1637, 1638, 1639, 1640, 1641, 1802, 1854, 1877, 1878, 1938, 1939, 2066.

R0: initial version on May 23, 2023.

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| **CID** | **Clause**  | **Page** | **Comment** | **Proposed change** |
| 1001 | 6.3.136.1 | 25.25 | The text refers to the NDPA sounding and TF sounding but does not describe them. The abbreviation NDPA does not appear to be expanded in the document or in the current REVme draft. | Add definitions and/or explanations of the sounding phases. Change forward reference to point directly to descriptions of these phases (e.g., to Clause 11.55.1.5.2.3 (NDPA sounding phase) and to clauses 11.55.1.5.2.4 (TF sounding phase - SR2SI variant) and 11.55.1.5.2.5 (TF sounding phase - SR2SR variant)). Expand NDPA in at least one location in the document. |
| 1319 | 6.3.136.14 | 39.30 | When "6.3.136.14 MLME-SENSNTBMSMTRQ.request" is compared with "6.3.136.9 MLME-SENSTBMSMTRQ.request", length of the word is almost same and difference is just "N" which is abbreviation of "Non". It's difficult to recognize difference at a glance. Hope change primitive name.\*6.3.136.15 MLME-SENSNTBMSMTRQ.confirm\*6.3.136.16 MLME-SENSNTBREPORT.indication\*6.3.136.17 MLME-SENSNTBREPORTRQ.request\*6.3.136.18 MLME-SENSNTBREPORTRQ.confirmhave simlar issue. | Change primitive name "MLME-SENSNTBMSMTRQ.request" to "MLME-SENSNONTBMSMTRQ.request". |
| 2065 | 6.3.136.18.3 | 42.64 | This should be '... when an Ack frame corresponding to the SBP Termination frame is received from the peer STA' rather than '...when the SBP Termination frame is successfully transmitted'. | As in comment. |
| 1215 | 6.3.136.6.2 | 32.29 | Type of the parameters (TerminationAllTBMeasurementSetups, TerminationAllnon-TBMeasurementSetups, TB/non-TBMeasurementSetupType) shall be Boolean | Replace Integer with Boolean and provide relevant text changes |
| 1265 | 6.3.136.11.2 | 37.36 | The report may include the per-antenna RSSI values, it seems that the per-antenna RSSI values should be included in the report primitive. | as in the comment |
| 1266 | 6.3.136.16.2 | 41.14 | The report may include the per-antenna RSSI values, it seems that the per-antenna RSSI values should be included in the report primitive. | as in the comment |
| 1267 | 6.3.137.2.2 | 44.32 |  If zeor MAC address is included in the primitive, this means that the initiator doesn't have any preferred sensing responders, please rephrase the sentence. | as in the comment |
| 1268 | 6.3.137.3.2 | 45.22 | If zeor MAC address is included in the primitive, this means that the initiator doesn't have any preferred sensing responders, please rephrase the sentence. | as in the comment |
| 1269 | 6.3.137.4.2 | 46.32 | If zeor MAC address is included in the primitive, this means that the initiator doesn't have any preferred sensing responders, please rephrase the sentence. | as in the comment |
| 1270 | 6.3.137.4.2 | 46.39 | if zero AID/USID is included in the primitive, it seems that here has no corresponding responders, please rephrase the sentence. | as in the comment |
| 1271 | 6.3.137.5.2 | 47.56 | If zeor MAC address is included in the primitive, this means that the initiator doesn't have any preferred sensing responders, please rephrase the sentence. | as in the comment |
| 1272 | 6.3.137.5.2 | 47.62 | if zero AID/USID is included in the primitive, it seems that here has no corresponding responders, please rephrase the sentence. | as in the comment |
| 1273 | 6.3.137.6.2 | 48.25 | Per the definition of the SBP report in subclause 9.6.7.57, one or more Sensing Measurement Report Container fields should be included in the SBP report frame, so please add sensing measurement report container in the primitive. | as in the comment |
| 1274 | 6.3.137.8.2 | 49.27 | Per the definition of the SBP report in subclause 9.6.7.57, one or more Sensing Measurement Report Container fields should be included in the SBP report frame, so please add sensing measurement report container in the primitive. | as in the comment |
| 1275 | 6.3.137.9.2 | 48.64 | per the definition of the SBP termination in the subclause 9.6.7.56, the MSID and SBP ternimation control and SBP parameters element are included, so please add these contents in the primitive. | as in the comment |
| 1276 | 6.3.137.10.2 | 50.35 | per the definition of the SBP termination in the subclause 9.6.7.56, the MSID ãSBP ternimation control and SBP parameters element are included, so please add these contents in the primitive. | as in the comment |
| 1277 | 6.3.137.11.2 | 51.06 | per the definition of the SBP termination in the subclause 9.6.7.56, the MSID ãSBP ternimation control and SBP parameters element are included, so please add these contents in the primitive. | as in the comment |
| 1636 | 6.3.136.6.2 | 32.26 | The primitive parameter related to "Terminate Unassociated STA Sensing Session" is missing in MLME-SENSMSMTTERMINATION.request | As in comment |
| 1637 | 6.3.136.7.2 | 33.31 | The primitive parameter related to "Terminate Unassociated STA Sensing Session" is missing in MLME-SENSMSMTTERMINATION.indication | As in comment |
| 1638 | 6.3.136.8.2 | 34.56 | The primitive parameter related to "Terminate Unassociated STA Sensing Session" is missing in MLME-SENSMSMTTERMINATION.confirm | As in comment |
| 1639 | 6.3.136.14.2 | 39.46 | For non-TB measurement instance, the peer STA is always AP. Therefore, it is not necessary to include PeerSTAAddress in the MLME-SENSNTBMSMTRQ.request | remove PeerSTAAddress from the MLME-SENSNTBMSMTRQ.request |
| 1640 | 6.3.136.15.2 | 40.38 | For non-TB measurement instance, the peer STA is always AP. Therefore, it is not necessary to include PeerSTAAddress in the MLME-SENSNTBMSMTRQ.confirm | remove PeerSTAAddress from the MLME-SENSNTBMSMTRQ.confirm |
| 1641 | 6.3.136.16.2 | 41.14 | For non-TB measurement instance, there is only a single peer STA involved in the MLME-SENSNTBREPORT.indication | rename PeerSTAAddressList to PeerSTAAddress |
| 1802 | 6.3.136.1 | 26.01 | It is better to indicate which action frames are protected. | add (Protected) for each frame or add association procedure before sensing session |
| 1854 | 6.3.136.18.2 | 42.57 | The sensing measurement instance in the table should be non-TB not TB | change: [Identifies the TB sensing measurement ...] to become [Identifies the non-TB sensing measurement ...] |
| 1877 | 6.3.136.4.2 | 30.38 | The MeasurementSetupID is used to indicate the sensing session to be setup or having been setup. Why is the MeasurementSetupID not included in the MLME-SENSMSMTSETUP.response ? | Suggest to add the MeasurementSetupID |
| 1878 | 6.3.136.5.2 | 31.28 | The MeasurementSetupID is used to indicate the sensing session to be setup or having been setup. Why is the MeasurementSetupID not included in the MLME-SENSMSMTSETUP.confirm ? | Suggest to add the MeasurementSetupID |
| 1938 | 6.3.136.11 | 37.34 | For TB measurement instance, Rx\_OP\_Gain\_Index(1 ... NRX) present in Sensing Measurement Report field, however no defined parameter in MLME-SENSTBREPORT.indication to provide this information to SME. Description of CSI\_ESTIMATE does not include these components. | Add parameter to MLME primitive, or expand CSI\_ESTIMATE defination to transfer Rx\_OP\_Gain\_Index information to SME so it can populate these fields when generating report, or provide information directly to application. |
| 1939 | 6.3.136.16 | 41.12 | For non-TB measurement instance, Rx\_OP\_Gain\_Index(1 ... NRX) present in Sensing Measurement Report field, however no defined parameter in MLME-SENSNTBREPORT.indication to provide this information to SME. Description of CSI\_ESTIMATE does not include these components. | Add parameter to MLME primitive, or expand CSI\_ESTIMATE defination to transfer Rx\_OP\_Gain\_Index information to SME so it can populate these fields when generating report, or provide information directly to application. |
| 2066 | 6.3.138.2.2 | 51.55 | Category' and 'Action' are not presented in the primitive of MLME-SENSMSMTSETUP.request, they should be unified. | As in comment. |

**Proposed resolution: REVISED to all.**

**Modifications: No specific changes. *To TGbf editor: Please refer to 625r1 for corresponding modifications.***

The 30 comments above are about making editorial changes to the original texts in subclause 6.3, changing the names of certain primitives for clarification and adding parameters to certain primitives, which are valid comments. By accepting the proposed draft texts proposed in 625r1: <https://mentor.ieee.org/802.11/dcn/23/11-23-0625-01-00bf-pdt-on-new-clause-6.docx>, the problems raised in these comments will no longer exist. The motion for 625r1 was passed during May Interim.

SP:

Do you agree to the resolution provided for CIDs 1001, 1319, 2065, 1215, 1265, 1266, 1267, 1268, 1269, 1270, 1271, 1272, 1273, 1274, 1275, 1276, 1277, 1636, 1637, 1638, 1639, 1640, 1641, 1802, 1854, 1877, 1878, 1938, 1939, 2066 to be included in the latest 11bf Draft?

Y/N/A