IEEE P802.11
Wireless LANs

|  |
| --- |
| Proposed resolution for editorial CIDs |
| Date: 2020-10-12 |
| Author: |
| Name | Affiliation | Address | Phone | Email |
| Edward Au | Huawei Technologies | 303 Terry Fox Drive, Suite 400, Ottawa, Ontario K2K 3J1 |  | edward.ks.au@gmail.com |

##### This submission present proposed resolution for CIDs 7002, 7003, 7004, 7007, 7008, 7010, 7009, 7084, 7067, 7019, 7083, 7024, 7011, 7012, 7075, 7014, 7018, 7016, 7070, 7080, 7081, 7082, 7089, and 7071. The proposed changes are based on P802.11ay/D6.0.

##### Revision history:

##### R0 – initial version

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 7002 | 6.3.122.2.4 | 76 | 6 | Missing "," | repalce "MAC entity reciept" with "MAC entity, reciept" |
| 7003 | 6.3.122.2.4 | 77 | 22 | Missing "," | repalce "MAC entity reciept" with "MAC entity, reciept" |

**Discussion:**





**Proposed resolution for CID 7002:**

Accept.

**Proposed resolution for CID 7003:**

Accept.

Note to the Editor: The location is 77.19.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 7004 | 9.4.2.142.5 | 133 | 7 | for consistency, use 0xFF rather than 255, as used in the paragraph above | repalce "is set to 255" with "is set to 0xFF" |

**Discussion:**



**Proposed resolution for CID 7004:**

Accept.

Note to the Editor: The location is at 130.35.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 7007 | 9.4.2.142.1 | 128 | 23 | "measure the link margin" - it is not measured. It may be estimated or determined | replace "measure the link margin" with "deterine the link margin" |
| 7008 | 9.4.2.142.8 | 133 | 3 | "measure link margin" - link marging is not measured, it is determined | replace with "determine link margin" |

**Discussion:**





In P802.11REVmd D5.0, both “estimate” and “measure” are used.

**Proposed resolution for CID 7007:**

Revised.

Replace “measure the link margin” with “estimate the link margin” at 128.23.

**Proposed resolution for CID 7008:**

Revised.

Replace “measure link margin” with “estimate the link margin” at 133.3.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 7010 | 9.4.2.290 | 194 | 11 | wrong style (bold, font) in line 11. | match the font with that of line (e.g) 15) |
| 7084 | 9.4.2.290 | 194 | 11 | Bad formatting; main text starting with "The format of DMG STA Directional …" has merged with figure 9-788dh caption and also shows in list of figures (P13L15). | Fix formatting. |
| 7009 | 9.4.2.290 | 194 | 12 | spurious capiton in line 12 | remove the spurious "figure 9-788dh" at line 12 |
| 7067 |  | 13 | 15 | erroneous text in the List of figures: "The format of DMG STA Directional Transmit Activity Report element is shown in ...............................194" | Remove the text |

**Discussion:**

For CIDs 7010, 7084, and 7009:

For CID 7067:



Line 14 appears because the font style of “The format of DMG STA Directional Transmit Activity Report element in shown in Figure 9-788dh” is set to match the figure caption, which is not correct.

**Proposed resolution for CIDs 7010, 7009, 7084, and 7067:**

Revised.

Fix the formatting of the sentence “The format of DMG STA Directional Transmit Activity Report element in shown in Figure 9-788dh” such that the font style is set to that for regular text, instead of font style for figure caption.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 7019 | 9.4.2.143 | 134 | 5 | "extended activity" should be capital leters | Change to capital leters as in rest of the text |

**Discussion:**



**Proposed resolution for CID 7019:**

Rejected.

“extended activity” is not a subfield and therefore, capitalization is not required.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 7083 | 9.4.2.286 | 189 | 29 | Change "sending the element" (only instance in the spec) to "transmitting the element" (unified language in baseline). | As in the comment. |

**Discussion:**



Agree with the commenter’s direction except that there are two, rather than one, instances in the spec.

**Proposed resolution for CID 7083**

Revised.

Replace “sending the element” with “transmitting the element” at 189.29 and 189.31.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 7024 | 9.4.2.290 | 195 | 4 | Empty line | Remove |

**Discussion:**



**Proposed resolution for CID 7024:**

Accept.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 7011 | 9.6.6.4 | 205 | 7 | In the right most column, the text falls below the line and wipes the number of octets | Keep text inside the right line in the table |
| 7012 | 9.6.6.4 | 205 | 16 | In all the column, the text falls below the line and wipes the number of octets | Keep text inside the right line in the table |

**Discussion:**





**Proposed resolution for CIDs 7011 and 7012:**

Rejected

The name of the field at the right most column is correct, namely Extended Link Measurement field. The term “Variable” under the cell indicates that the size of the field is variable.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 7075 | 10.42.7 | 295 | 12 | The start of this sentence no longer makes sense. | Change to "A bream tracking initiator may request that a beam tracking responder perform receive beam tracking …" |

**Discussion:**



Agree with the commenter’s direction except that “perform” be replaced with “performs”.

**Proposed resolution for CID 7075:**

Revised

Replace “A beam tracking initiator may request a beam tracking responder that the responder perform receive bream tracking by setting …”

with “A beam tracking initiator may request that a beam tracking responder performs receive beam tracking by setting …”

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 7014 | 10.43.1 | 357 | 7 | "Link Measurement Request." That’s is an adjective, the subjective is missing | Change to "Link Measurement Request frame" |

**Discussion:**



**Proposed resolution for CID 7014:**

Accept.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 7018 | 28.3.9.10 | 475 | 3  | "the" is missing from the phrase "on same channel" | change to "on the same channel" |

**Discussion:**



**Proposed resolution for CID 7018:**

Accept.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 7016 | 28.8 | 603 | 32 | Font of equation is not correct (seems to tall and narrow) | Fix equation fonts (not only on this page) |

**Discussion:**



**Proposed resolution:**

Revised.

Fix the equation fonts to match with those of the regular text at 595.10, 595.13, 595.14, 595.15, 595.16, 595.18, 595.29, 595.32, 595.33, 595.34, 595.35, 596.1, and 596.3

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 7070 | 6.3.7.2.2 | 35 | 5 | 1) Instruction is missing.2) The some existing parameters (e.g.) are missing, when compared to REVmd D5.0. | 1) Add the instruction "Insert the following parameters in the primitive before the VendorSpecificInfo parameter"2) Replace listed existing parameters (PeerSTAAddres to ReachableAddress) with "..." The changes should be applied to6.3.7.2 MLME-ASSOCIATE.request (P35L5), 6.3.7.3 MLME-ASSOCIATE.confirm (P36L5), 6.3.7.4 MLME-ASSOCIATE.indication (P37L21), 6.3.7.5 MLME-ASSOCIATE.response (P39L4), 6.3.8.2 MLME-REASSOCIATE.request (P40L6), 6.3.8.3 MLME-REASSOCIATE.confirm (P41L25), 6.3.8.4 MLME-REASSOCIATE.indication (P43L5), 6.3.8.5 MLME-REASSOCIATE.response (P44L31), 6.3.27.2 MLME-ADDBA.request (P47L6), 6.3.27.3 MLME-ADDBA.confirm (P48L5), 6.3.27.4 MLME-ADDBA.indication (P49L4), 6.3.27.5.2 Semantics of the service primitive (P49L24), |

**Discussion:**



Agree with the commenter that (1) the instruction is missing in those subclauses; and (2) it is better to replace all the existing entries with “…” for simplicity.

**Proposed resolution for CID 7070:**

Accept.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 7080 | 28.3.9.8 | 471 | 21 | Use the complete title (and consistent with the title of similar sections for lower band PHYs) "Receiver minimum input sensitivity" for sensitivity section in Clause 28.Note: Same comment was made against baseline for other DMG PHYs and approved and adopted in REVmd Drfat 5.0. | Change the title of sections 28.3.9.8 to "Receiver minimum input sensitivity". |
| 7081 | 28.3.9.8 | 472 | 5 | Use the complete title (and consistent with the title of similar tables for lower band PHYs) "Receiver minimum input level sensitivity" for sensitivity tables in Clause 20 and Clause 24 (2 places).Note: Same comment was made against baseline for other DMG PHYs and approved and adopted in REVmd Drfat 5.0. | Replace "Receiver sensitivity" with "Receiver minimum input level sensitivity" in the title of Tables 28-40, 28-41, 28-42, 28-43, 28-44, and 28-45. |

**Discussion:**

For CID 7080:



For CID 7081:



In P802.11REVmd D5.0, we have the following comments that are accepted:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 5029 | 20.3.3.8 | 3089 | 52 | Use the complete title (and consistent with the title of similar sections for lower band PHYs) "Receiver minimum input sensitivity" for sensitivity sections in Clause 20 and Clause 24 (2 places). | Change the title of sections 20.3.3.8 and 24.3.3.8 to "Receiver minimum input sensitivity". |
| 5030 | 20.3.3.8 | 3090 | 5 | Use the complete title (and consistent with the title of similar tables for lower band PHYs) "Receiver minimum input level sensitivity" for sensitivity tables in Clause 20 and Clause 24 (2 places). | Change the title of Table 20-3 and Table 24-3 to "Receiver minimum input level sensitivity". |

**Proposed resolution for CID 7080:**

Accept.

**Proposed resolution for CID 7081:**

Accept.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 7082 | 28.3.9.8 | 472 | 6 | Change "Receive sensitivity (dBm)" in table header to "Minimum sensitivity (dBm)" for consistency. | As in the comment |

**Discussion:**



Agree with the commenter’s comment. In Tables 28-41, 28-42, 28-43, 28-44, and 28-55, the terminology is “Minimim sensitivity”.

**Proposed resolution for CID 7082:**

Accept.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 7089 | 6.3.32.2.2 | 51 | 2 | Based on the text style for different parameter types in Section 6 (strings in the "Type" columns), the correct type for parameters that are MAC addresses is "MAC address" (with a space and no capitalization for address). There are instances of "MAC Address", "MACAddress" (majority), and possibly more variations as a type in Section 6, all of which should be unified.Proposed resolution is to chage and unify all instances in Type column to "MAC address".Note: Same comment was made against baseline and approved and adopted in REVmd Drfat 5.0. | Replace all instances of "MACAddress" and "MAC Address" in the Type columns in Clause 6 (P51L2, P53L15, P54L16, P55L14 …) with "MAC address". |

**Discussion:**



In P802.11REVmd D5.0, we have the following comment that is accepted:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 5033 | 6.3.69.2.2 | 584 | 6 | Based on the teext style for different parameter types in Section 6 (strings in the "Type" columns), the correct type for parameters that are MAC addresses is "MAC address" (with a space and no capitalization for address). There are instances of "MAC Address", "MACAddress" (majority), "MacAddress", and "MAC address" (I think 1 instance) as a type in Section 6, all of which should be unified.Correct type is "MAC address" in commenter's view, and the most common one is "MACAddress". Proposed resolution is to unify all to "MAC address".Note: There is a "MacAddress" type in Annex C for MIB variables that seems to be consistent and could be be kept as is. | Replace all instances of "MacAddress" in Type columns in Clause 6 (P584L6, P585L39, P587L17, P588L35, P590L40, P747L53, and P754L37) with "MAC address".Replace all instances of "MAC Address" in Type columns in Clause 6 (P441L6, P482L6, P482L49, P483L26, P484L7, P488L46, P489L20, P490L32, P491L19, P493L20, P494L31, P495L42, P496L12, P497L19, P499L19, P500L5, P501L20, P503L37, ..) with "MAC address".Replace all instamces of "MACAddress in Type columns in Clause 6 (P322L36, P327L27, P338L29, P345L11, P345L5, P349L3, P350L28, P352L8, P352L50, ...) with "MAC address". |

**Proposed resolution for CID 7089:**

Accept.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 7071 | 6.3.93 | 51 | 4 | "DMG beamforming" subclause is 6.3.91 in REVmd | Change the subclause number 6.3.93.\* to 6.3.91.\* throughout the subclause. |

**Discussion:**

In P802.11ay D6.0:



In P802.11REVmd D5.0:



**Proposed resolution for CID 7071:**

Accept.