**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) |
| Title | Proposed Resolutions for CIDs:93, 174, 664, 884, 962, 1376 |
| Date Submitted | September 2024 |
| Sources | Xiliang Luo (Apple) |
| Re: |  |
| Abstract |  |
| Purpose | To propose resolutions to comments for “*P802.15.4ab™/D01 Draft Standard for Low-Rate Wireless Networks*” |
| Notice | This document does not represent the agreed views of the IEEE 802.15 Working Group or IEEE 802.15.4ab Task Group. It represents only the views of the participants listed in the “Sources” field above. It is offered as a basis for discussion and is not binding on the contributing individuals. The material in this document is subject to change in form and content after further study. The contributors reserve the right to add, amend or withdraw material contained herein. |

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# CID #93 (Rejected)

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| **Name** | **Idx #** | **Cat.** | **Pg.** | **Sub-clause** | **Line #** | **Comment** | **Proposed Change** |
| Mickael Maman | 93 | Technical | 192 | 16.2.11.1 | 14 | Where the MMS packet consists of both RSF and RIF fragments, the time between the start of the last RSF and the start of first RIF shall be at least two milliseconds. | as in comment |

**Comment:**

The time spacing between the last RSF and the first RIF shall be 2 ms exactly. The original text in D1 spec is correct.

# CID #174 (Revised)

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| **Name** | **Idx #** | **Cat.** | **Pg.** | **Sub-clause** | **Line #** | **Comment** | **Proposed Change** |
| Bin Qian | 174 | Technical | 126 | 10.38.11.2 | 15 | What does it mean of the last sentence  | As in the comment |

**Resolution:**

Revise the sentence in line 15, page 126

from:

“MMRS Config Set #37 has zero mean.”

to:

“MMRS Code Index #37 from Table 63 has zero mean.”

# CID #664 (Revised)

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| **Name** | **Idx #** | **Cat.** | **Pg.** | **Sub-clause** | **Line #** | **Comment** | **Proposed Change** |
| Tero Kivinen | 664 | Technical | 125 | 10.38.10.1 | 1 | The macMmsRpDuration max value is wrong.  | It is 12 bit field thus max value is 4095, not 4096. Change 4096 to 4095. |

**Resolution:**

Revise the range of *macMmsRpDuration* to “0-4095”.

# CID #884 (Revised)

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| **Name** | **Idx #** | **Cat.** | **Pg.** | **Sub-clause** | **Line #** | **Comment** | **Proposed Change** |
| Carl Murray | 884 | Technical | 127 | 10.38.11.3 | 2 | Ambiguous statement "These combine a larger gap size with a smaller MSR."Larger than what, smaller than what?Note that for some of the specified configurations the MSR is larger than the gap size.  | Remove statement |

**Resolution:**

Remove the following sentence in line 2, page 127:

“~~These combine a larger gap size with a smaller MSR~~.”

# CID #962 (Revised)

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| **Name** | **Idx #** | **Cat.** | **Pg.** | **Sub-clause** | **Line #** | **Comment** | **Proposed Change** |
| Riku Pirhonen | 962 | Technical | 192 | 16.2.11.1 | 32 | Add word typically to reflect that also non-interleaved packets could be used in case of proposed non-interleaved mode. | … the fragment transmissions of the transmitted MMS packets are typically interleaved … |

**Resolution:**

Revise the sentence in line 31-32, page 192

from:

“For two-way ranging (TWR) with MMS packets, the fragment transmissions of the transmitted MMS packet are interleaved with fragment receptions of the received MMS response packet.”

to:

“For two-way ranging (TWR) with MMS packets, the fragment transmissions of the transmitted MMS packet are typically interleaved with fragment receptions of the received MMS response packet.”

# CID #1376 (Revised)

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| **Name** | **Idx #** | **Cat.** | **Pg.** | **Sub-clause** | **Line #** | **Comment** | **Proposed Change** |
| Pooria Pakrooh | 1376 | Technical | 127 | 10.38.11.4 | 8 | Change "mandatory set of configs for UWB MMS" to "mandatory set of configs for NBA UWB MMS" | Change "mandatory set of configs for UWB MMS" to "mandatory set of configs for NBA UWB MMS" |

**Resolution:**

Revise the sentence in line 8, page 127

“Table 23 provides a mandatory set of configurations for UWB MMS packets …”

to:

“Table 23 provides a mandatory set of configurations for NBA UWB MMS packets …”