**IEEE P802.15**

**Wireless Specialty Networks**

|  |  |
| --- | --- |
| Project | IEEE P802.15 Working Group for Wireless Specialty Networks (WSNs) |
| Title | LB213 Comment Resolutions – LB213 LHF needing Confirmation or Discussion |
| Date Submitted | 08-April-2025 |
| Source | [Benjamin A. Rolfe][Blind Creek Associates] | E-mail: [ben.rolfe @ ieee.org ]  |
| Re: | Comments: 267 268 352 372 377 378 379 498  |
| Abstract | Some that look easy but were pulled from document 15-25-0175-02 (low hanging fruit) for confirmation or further discussion. |
| Purpose | Resolve comments |
| Notice | This document has been prepared to assist the IEEE P802.15. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein. |
| Release | The contributor acknowledges and accepts that this contribution becomes the property of IEEE and may be made publicly available by P802.15. |

# Proposed to discuss or reassign

The following need to be confirmed, or discussion, as explained. These were from the LHF list, Document 15-25-0175-02, but were pulled by request to get further review.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Index** | **Page** | **Sub-clause** | **Line #** | **Comment** | **Proposed Change** |
| 352 | 45 | 10.32.1  | 15 | Use of "IEs such as" in the definition of the RCM makes it a vague definition open to misinterpretation. RCM previously had a very specific meaning. We should delete the 3 words to leave a clear specification of which IEs have to be present in order for the frame to be considered an RCM.  | Delete: "IEs such as ". |

Explanation: The “IEs such as” was added for Draft 02. Need to confirm what was intended by this text.

Candidate: Youngwan (Hyperblock shepherd).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 377 | 61 | 10.32.9.12 | 1.1 | Table 9 row 1 is incorrectly talking about the "Ranging Block Description List Length field" when I believe it should be talking about the Ranging Block Duration field | In first row of Table 9 (below headings) description of Ranging Block Duration Units field value zero, change "Size of Ranging Block Description List Length field is one octet, and the Ranging Block Description List field units are in numbers of ranging rounds" to "The size of the Ranging Block Duration field is one octet and its units are ranging rounds" |
| 378 | 61 | 10.32.9.12 | 1.2 | Table 9 row 2 is incorrectly talking about the "Ranging Block Description List Length field" when I believe it should be talking about the Ranging Block Duration field | Change description of Ranging Block Duration Units field value of one to: "The size of the Ranging Block Duration field is two octets and its units are ranging slots" |
| 379 | 61 | 10.32.9.12 | 1.2 | Table 9 row 3 is incorrectly talking about the "Ranging Block Description List Length field" when I believe it should be talking about the Ranging Block Duration field | Change description of Ranging Block Duration Units field value of two to: "The size of the Ranging Block Duration field is three octets and its units are RSTU" |

Explanation: Need confirmation that the text is correct.

Candidate: Youngwan (Hyperblock shepherd).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 372 | 53 | 10.32.9.3 | 17 | The statement "In the case of hyper block mode, only the least significant 8 bits are used to specify the block index." Could be a little more clear, if it instead quotes the allowed value range as per the proposed change. | Change the sentence to say, "In hyper block mode, the Round Index field is used to specify the block index, and this shall be limited to the range 0 to 255. When not in hyper block mode the full 16-bit field allows for a round index range of 0 to 65535." |
| 498 | 96 | 10.39.11.1.2.2 | 27 | This "shall be able" seems a little strange. It is the NHL that uses MCPS-DATA.request to send the Acquisition Compact frame and provide this address, so it is in control of this. This sentence is not needed.  | Delete the sentence on line 27. |

Explanation: Need confirmation that the text is correct.

Candidate: Youngwan (Hyperblock shepherd).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 267 | Technical | 105 | 10.39.11.1.3.9 | change the range from 1 - 15 to 0 - 15 | The minimum value for macMmsRcpPollNSlots can be 0 |
| 268 | 10.39.11.1.3.9 | 10 | The minimum value for macMmsRcpRespNSlots can be 0 | change the range from 1 - 15 to 0 - 15 | 10.39.11.1.3.9 |

Explanation: Require further discussion; This issue was withdrawn by commenter on initial ballot. One reason was the need for additional