**IEEE P802.15**

**Wireless Personal Area Networks**

|  |  |  |
| --- | --- | --- |
| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title | **Proposed Resolutions for LB213 CID 643** | |
| Date Submitted | August 2025 | |
| Sources | Panpan Li, Bin Qian, Lei Huang, Rojan Chitrakar (Huawei)  Lipanpan25@huawei.com |  |
| Re: |  | |
| Abstract |  | |
| Purpose | To propose comments resolution for “P802.15.4ab™/D1.0 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. | |

# CID 604, 605

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Commenter** | **Sub-Clause** | **Page** | **Line** | **Comment** | **Proposed Change** |
| 604 | VERSO, BILLY | 10.40.6.1 | 158 | 10 | The Preamble Code Configuration field seems intended to signal DPS related info, but it does not say that. We should state this and cross reference with DPS clause in both directions. | Add words to say that this field is used for signalling information between devices to allow for dynamic preamble and channel selection, as described in 10.29.4 and add words in 10.29.4 (base standard clause) to refer to the AC IE with Preamble Code Configuration field as one possible way to coordinate the DPS/DCS between devices. |
| 605 | VERSO, BILLY | 10.40.6.1 | 158 | 12 | The Preamble Code Configuration field seems to be exactly the same content as the RCPCS IE Content. Assuming this is intended then rather than saying it in two places, lets change the text to just refer to the RCPCS IE Content. Or, if we don't need two IEs to send the same information then remove the Preamble Code Configuration field. | Delete Figure 154—Preamble Code Configuration field of the AC IE and related text and instead state that the Preamble Code Configuration field, if present, is identical, in meaning and format, to the content field of the RCPCS IE as shown in Figure 10-214. |

**Discussion:**

Agree with CID 605 that the Preamble Code Configuration field is duplicate with the RCPCS IE.

**Resolution: Revised**

*To editor: add the following after Line 15 in page 42 as follows:*

*Change 10.29.8.5 as follows*

**10.29.8.5 Ranging Channel and Preamble Code Selection IE (RCPCS IE)**

The RCPCS IE is provided as a mechanism to signal the choice of channel and/or choice of transmit and receive preamble codes for DPS as described in 10.29.4.1, for a forthcoming ranging exchange. The AC IE with Preamble Code Configuration field is another possible way to coordinate the DPS/DCS between devices. The Content field of the RCPCS IE shall be formatted as shown in Figure 10-215.

**10.40.6.1 Application Control IE (AC IE)**

*To editor: revise Line 14-15 in page 159 as follows:*

The Preamble Code Configuration Present field when one indicates the presence of the Preamble Code Configuration field, or not present when zero. The Preamble Code Configuration field is used to signal information between devices to allow for dynamic preamble and channel selection, as described in 10.29.4.

*To editor: revise Line 10-12 in page 159 as follows:*

The Preamble Code Configuration field, if present, is identical in meaning and format, to the content field of the RCPCS IE as shown in Figure 10-214.

*To editor: delete Figure 154 in page 159.*