**IEEE P802.15**

**Wireless Personal Area Networks**

|  |  |
| --- | --- |
| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) |
| Title | **Proposed Comments Resolution for 15.4ab D2.0 Sensing Comments**  |
| Date Submitted | July 2025 |
| Sources | Pooria Pakrooh (Qualcomm)  |  |
| Abstract | Resolution to comment 109 on D2.0 |
| Purpose | To propose comments resolution for “P802.15.4ab™/D (pre-ballot) C 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. |

CIDs addressed: 109

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Commenter** | **Sub-Clause** | **Page** | **Line** | **Comment** | **Proposed Change** |
| 109 | KREBS, ALEX | 8.3.6 | 30 | 19 | 64 us is too aggressive for mandatory support. | Change Range column to include 128, and change description to "value of 128 us is mandatory" and "values of 16 us, 32 us and 64 us is optional." and change Default column to 128. |

**Discussion:**

The specified values for AIFS in the draft (64us mandatory, 32us and 16us optional), are reflecting what has been discussed and agreed among the group (See 15-23-71, and all 15.4ab drafts following it).

The AIFS values defined in D2.0 are time requirements for providing immediate-ack. As the name suggests, imm-ack needs to be as quick as possible. Therefore, the AIFS values cannot be made arbitrarily large.

**Resolution: Rejected**