**IEEE P802.15**

**Wireless Personal Area Networks**

|  |  |
| --- | --- |
| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) |
| Title | **Proposed 4ab Draft C Comments Resolution for SSBD** |
| Date Submitted | March 12, 2024 |
| Sources | Larry Zakaib (Spark Microsystems)  larry.zakaib@sparkmicro.com |
| Re: |  |
| Abstract | Proposed comment resolutions for the CID 577. |
| Purpose | Proposed resolutions to SSBD comments 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. |

Introduction

This submission contains the proposed comment resolutions for the CID 577

# CID 187

# CID 577

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Index #** | **Page** | **Sub-clause** | **Line #** | **Comment** | **Proposed Change** | **Disposition Status (Accepted, Rejected, Revised)** | **Disposition Detail** | **Category** |
| Rojan Chitrakar | 577 | Technical | 17 | 29 | What does "a retransmission shall be indicated to the SSBD algorithm" mean? Does it mean that the SSBD algorithm shall have means to know whether a frame to be transmitted is a retransmitted frame or an initial transmission? | Rephrase for better clarity. | Revised | Change text in 6.6.3.4 to: When the SSBD channel access method is used for retransmission, *isRetransmissionAttempt* sahll be set to TRUE when invoking SSBD. In 6.2.2.2 change 9th paragraph: after "or a retransmission. " add sentence; Retransmission is signaled by setting *isRetransmissionAttempt* to TRUE. " and change "For retransmissions, " to "When *isRetransmissionAttempt* is TRUE," and change "when the channel access attempt is not for a retransmission," to "When *isRetransmissionAttempt* is False, " Delete "Retransmission is indicated as an input to the SSBD procedure. Retransmission is performed according to 7 6.6.3."   Note: this resolution follows guidance provided by the WG Technical Editor. | SSBD |