**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) |
| Title | **LB213/D02 comment resolution -- Handling of TX/RX of compact frames -- CIDs 51, 52, 320** |
| Date Submitted | May 12, 2025 |
| Sources | Alex Krebs (Apple)  krebs @ apple.com |
| Re: |  |
| Abstract |  |
| Purpose | To propose resolution for MMS related comments for “P802.15.4ab™/D02 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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| **Name** | **Index #** | **Page** | **Sub-clause** | **Line #** | **Comment** | **Proposed Change** |
| Kivinen, Tero | 51 | 16 | 6.6.1 | 5 | The text included is not enough to cover the transmission of the compact frames. For example when source addresses are not present the sender is assumed to be coordinator, and when the destination address is not present then destination shall be either coordinator or broadcast. | Remove changes from section 6.6.1, move the more complete text of how to transmit compact frames in the 10.xx. |
| Kivinen, Tero | 52 | 16 | 6.6.2 | 9 | The text included is not enough to cover the recipient filters of the compact frames. For example there is no frame version number that can be checked, and as the destination address is not present the step 3 might trigger depending on the macImplictBroadcast value. | Remove changes from section 6.6.2, move the more complete text of how to receive compact frames in the 10.xx. |
| VERSO, BILLY | 320 | 16 | 6.6.2 | 9 | "The RPA is marked as resolved", is not clear, I think it should refer to the place where the RPA resolution process is described, with reference to IRK etc. | Change to "… the RPA fields are resolved according to the process described in 10.39.11.1.2.1" (which is the private addresses clause, which itself should be reviewed to see if it specifies the RPA resolution process sufficiently well, unambiguously, etc.). |

Discussion: All comments are with regards to the same cause. CIDs 51 and 52 say the text to be contained in sections 6.6.1 an 6.6.2 is not enough and more complete text should be better included in 10.xx --- however, that is what the sections 6.6.1 and 6.6.2 are currently referencing to. Removing \*\*all\*\* changes, including the reference to 10.xx may leave the reader confused about Tx/Rx of compact frames in general, therefore is not recommended. CID 320 has a more explicit change to clarify the text for the reader, which is more appropriate.

Proposed resolution/Disposition detail:

CID 51: Rejected. References to clause 10.39.11.1.2 are more appropriate than removal.

CID 52: Revised (see CID 320).

CID 320: Accepted.