**IEEE P802.15**

**Wireless Personal Area Networks**

|  |  |
| --- | --- |
| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) |
| Title | **Ready for approval comments from DCN 24/103r7** |
| Date Submitted | March 14, 2024 |
| Sources | Alex Krebs (Apple)  krebs @ apple.com |
| Re: |  |
| Abstract |  |
| Purpose | To propose resolution for MMS related 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. |

Abstract

This submission contains the proposed comment resolutions for the CIDs 61, 62, 346, 513, 636, 718, 721, 722, 724, 725, 912

R0: initial document







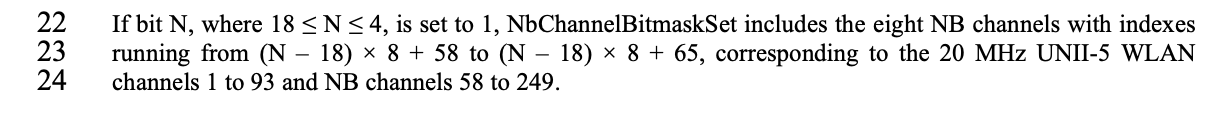








# CID 718



|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Idx** | **Pg** | **L.** | **Comment** | **Proposed Change** | **Resolution** |
| Carl Murray | 718 | 66 | 24 | "channels 1 to 93" doesn't appear to be right |  | Revise. Replace "channels 1 to 93" by "channels 1,5,9,...,93" in line 24, and replace "4" by "41" in line 22 (see DCN 23-575r2). |

**Discussion:** Fix line 22: 18<=N<=41. Also consider referencing 802.11 REVme ax,be.

# CID 721-725

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Idx** | **Pg** | **L.** | **Comment** | **Proposed Change** | **Resolution** |
| Carl Murray | 721 | 68 | 23 | RcpPollSlots and macMmsRcpPollNSlots have incompatible ranges | resolve | Revise. On p.103, change range of macMmsRcpPollNSlots to 0-15. |
| Carl Murray | 722 | 68 | 25 | RcpResponseSlots and macMmsRcpRespNSlots have incompatible ranges | resolve | Revise. On p.103, change range of macMmsRcpRespNSlots to 0-15. |
| Carl Murray | 724 | 69 | 1 | RcpResponseSlots and macMms1stReportNSlots have incompatible ranges | resolve | Revise. On p.103, change range of macMms1stReportNSlots to 0-15. |
| Carl Murray | 725 | 69 | 4 | MrpSecondSlots and macMms2ndtReportNSlots have incompatible ranges | resolve | Revise. On p.103, change range of macMms2ndReportNSlots to 0-15. |
| Alex Krebs | 61 | 103 | 1 | The value ranges are incorrect for some fields. | Change Range values as specified in 10.38.10.3.10 | Revised (by #721-#725) |

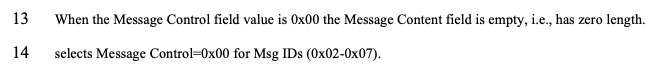
**Discussion:** The technical change of section 10.38.10.3.10 had been accepted for DraftB #99 in DCN 23-575r2. Therefore #912 was marked editorial before.







# CID 513, 346, 636, 912



|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Idx** | **Pg** | **L.** | **Comment** | **Proposed Change** | **Resolution** |
| Tero Kivinen | 513 | 71 | 14 | Line seems to be incomplete. | Complete it. | Revise. (see #912) |
| Bin Qian | 346 | 71 | 14 | It seems the sentence is not complete | As in the comment | Revise. (see #912) |
| Rojan Chitrakar | 636 | 71 | 18 | "...selects MessageControl=0x00 for MsgIDs (0x02-0x07)." | Clarify what this means, else delete it. | Revise. (see #912) |
| Alex Krebs | 912 | 71 | 13-14 | Improve language by replacing lines with: | A Message Control field value of 0x00 signals baseline support by the initiator for MMS messages. Baseline MMS messages are compact messages with Frame ID values 0x02 to 0x06 with Message Control 0x00 (Table 1). | Revise. A Message Control field value of 0x00 signals support by the initiator for MMS messages with Compact Frame ID values 0x01 to 0x06 with Message Control 0x00 (Table 1). |

**Discussion:** We have to think about if 0x01 is included or not. Answer: yes, it's included. We changed the counting to start at 0 instead of 1 when migrating from "Compressed Frame" to "Compact Frame" as documented in the approved Document DCN 23-481r1 slide 8. Therefore in the resolution proposal, the range is adjusted from "0x02-0x07" to "0x01-0x06".































# CID 62

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Idx** | **Pg** | **L.** | **Comment** | **Proposed Change** | **Resolution** |
| Alex Krebs | 62 | 71,72,74 | 17,3,5 | ? needs to be defined | change "?" to "variable" | Revise. Change "?" to "0/variable". |