IEEE P802.11  
Wireless LANs

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| Proposed resolution for Subclause 9.10.3.4 | | | | |
| Date: 2019-05-10 | | | | |
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Abstract

This submission proposes resolutions for multiple comments related to TGba D2.0 subclause 9.10.3.4 with the following CIDs :

2384, 2601, 2649, 2735, 2736, 2812, 2813

Revisions:

Rev 0: Initial version of the document.

Rev 1: Editorial change

Interpretation of a Motion to Adopt

A motion to approve this submission means that the editing instructions and any changed or added material are actioned in the TGba Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the Tgba Draft (i.e. they are instructions to the 802.11 editor on how to merge the text with the baseline documents).***

***Tgba Editor: Editing instructions preceded by “Tgba Editor” are instructions to the Tgba editor to modify existing material in the Tgba draft. As a result of adopting the changes, the Tgba editor will execute the instructions rather than copy them to the Tgba Draft.***

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| **CID** | **commenter** | **Section** | **Pg / Ln** | **Comment** | **Proposed Change** | **Resolution** |
| 2384 | Mark Hamilton | 9.10.3.4 | 60.50 | How can the Misc subfield be "not present"? Does a WUR Vendor Specific frame have a Length, then? It seems like this frame should always have a Length (it is VL, right?) | Replace this sentence with "The Length Present subfield is set to 1. The Length/Misc subfield contains a Length subfield, which is set to the length of the Frame Body as defined in 9.10.2.4. | Accepted  TGba editor please make the changes as shown in 11-19/0834r2 |
| 2601 | Rojan Chitrakar | 9.10.3.4 | 60.30 | It should be mentioned that this field points to the Operating channel of the BSS. | Change the sentence as:  "The Operating Channel field contains operating class and channel information as defined in 9.4.1.22 (Operating Class and Channel field) and identifies the operating channel of the BSS of the WUR AP. | Accepted  TGba editor please make the changes as shown in 11-19/0834r2 |
| 2649 | Stephen McCann | 9.10.3.4 | 60.44 | The Frame Control field is defined in clause 9.10.2.1.1, but not all the subfields are set in clause 9.10.2.1.1. Therefore the value of the Length Present is not known. | Change "The Frame Control field is set as defined in 9.10.2.1.1" to  "The Frame Control field is as defined in 9.10.2.1.1 (Frame Control field), with the Length Present subfield set to 0." | Revised  Agree with the comment. The Length Present subfield should set to 1 for vendor specific Wake-up frame.  TGba editor please make the changes as shown in 11-19/0834r2 |
| 2735 | Joseph levy | 9.10.3.4 | 60.63 | Does this imply that there won't be a length field in the Frame control field of the WUR Vendor Specific frame? Since only MISC subfield is mentioned, and no Length field is mentioned. | please clarify whether length field can be used in a WUR vendor specific frame format. | Revised  Agree with the comment.  TGba editor please make the changes as shown in 11-19/0834r2 |
| 2736 | Xiaofei Wang | 9.10.3.4 | 59.23 | This paragraph seems to conflict with the paragraph at P60L47. Please clarify how the Protected subfield is used, does the subfield contain vendor specific information or is it used to indicate whether the CRC contains CRC or MIC? | Please clarify how the Protected subfield is used, does the subfield contain vendor specific information or is it used to indicate whether the CRC contains CRC or MIC? | Revised  Agree with the comment.  TGba editor please make the changes as shown in 11-19/0834r2 |
| 2812 | Yunsong Yang | 9.10.3.4 | 60.39 | It is unclear how the Length Present subfield and Length subfield are defined for WUR Vendor-Specific frames. Do we leave these 4 bits conpletely to the vendors, or do we define them in such a way that if a WUR V-S frame is a VL frame, these two subfields can enable a non-target recipient, possibly one that isn't capable of V-S or VL frame, to correctly locate the FCS field in order to verify that the WUR frame is recieved without error. | Define how the Length Present subfield and Length subfield in the WUR Vendor-Specific frame are used. | Revised  Agree with the comment.  Tgba editor please make the changes as shown in 11-19/0834r2 |
| 2813 | Yunsong Yang | 9.10.3.4 | 60.47 | Inconsistency between sentences on L47 and L63. L47 says that the Protected subfield is vendor-specific. L63 says that it indicates CRC or MIC. | If the Protected subfield in WUR V-S frames is indeed vendor-specific , revise the sentence on L60 such that whether the FCS field in WUR VS frames contains CRC, MIC, or other info is vendor specific, and add such revised sentence as an exception statement at the end of P56L61 as well. Otherwise, if the Protected subfield in WUR V-S frames isn't vendor-specific, delete the sentence on L47 and L48. | Revised  Agree with the comment.  Tgba editor please make the changes as shown in 11-18/0834r2 |

**9.10.2.5.1 General**

TGba Editor: Please make the changes (pg 56, line 59 in D2.0) in this section as followsThe FCS field contains a 16-bit CRC when the Protected subfield in the Frame Control field is 0 and con­tains a 16-bit MIC when the Protected subfield in the Frame Control field is 1 except for WUR Vendor Specific frame (see 9.10.3.4). (#2736, #2813)

9.10.3.3 WUR Discovery frame format

TGba Editor: Please make the changes (pg 60, line 30 in D2.0) in this section as follows

The Operating Channel field contains operating class and channel information as defined in 9.4.1.22 (Operating Class and Channel field) and identifies the operating channel of the BSS of the WUR AP. (#2601)

9.10.3.4 **WUR Vendor Specific frame format**

TGba Editor: Please make the changes (pg 60, line 41 in D2.0) in this section as follows

The frame format of the WUR Vendor Specific frame is as defined in Figure 9-988a (WUR frame format).

The Frame Control field is as defined in 9.10.2.1.1 (Frame Control field).The Protected subfield in the Frame Control field contains vendor specific information that is out of scope of the standard.

The Length Present subfield is set to 1. The Length/Misc subfield contains a Length subfield, which is set to the length of the Frame Body as defined in 9.10.2.4 (#2384, #2649, #2735, #2812)

. (#2384)

The ID field is set to the 12 LSBs of the OUI (see Table 9-540b (Identifiers of WUR frames)).

The Type Dependent Control field is set to the 12 MSBs of the OUI (see 9.4.1.31 (Organization Identifier field)).

The Frame Body field, if present, contains vendor specific information that is out of scope of the standard.

The FCS field contains vendor specific information which is out of scope of the standard. (#2736, #2813)