IEEE P802.11  
Wireless LANs

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| Comment Resolutions for WUR Discovery CIDs | | | | |
| Date: 2019-07-07 | | | | |
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Abstract

This submission proposes resolutions of comments received from TGba comment collection (TGba Draft 3.0).

* CIDs: 3044, 3062, 3073, 3190 (4 CIDs)

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: Made changes based on discussion during Teleconference call. Added text changes to Vendor Specific frame format.

1. **Introduction**

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. The introduction and the explanation of the proposed changes are 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 | Page.Line | Clause | Comment | Proposed Change | Resolution |
| 3044 | Gaurav Patwardhan | 69.64 | 9.4.2.299 | Neighboring WUR AP concept needs to be confined to a single ESS. | Change sentence to "Each WUR AP Parameters subfield identifies one WUR AP, which may be the WUR AP transmitting this WUR Discovery element itself or a neighboring WUR AP belonging to the same ESS." | **Rejected.**  The comment fails to identify the technical reason for confining the Neighboring WUR AP cocept to a single ESS. We note that such restrictions do not exist in baseline neighbour reports and believe that such restrictions are not necessary for WUR as well. |
| 3062 | Gaurav Patwardhan | 128.7 | 29.12 | Need one more channel in 2.4GHz for redundancy for the WUR discovery | If only channel 1 in 2.4GHz is used which is being interfered by some other technology, the entire 2.4GHz band is blocked. Atleast include one more channel in the WUR Discovery channel list. | **Rejected.**  Channel 1 in 2.4 GHz is only a recommendation. If channel 1 is being interfered, the AP can choose a different WUR Discovery channel. |
| 3073 | Graham Smith | 105.55 | 29.2 | "WUR discovery channel is a channel in which a WUR AP transmits WUR Discovery frames." Does not read right. Should be "A WUR discovery channel is a channel in which a WUR AP transmits WUR Discovery frames." | Replace cited text with ""A WUR discovery channel is a channel in which a WUR AP transmits WUR Discovery frames." | **Accepted.** |
| 3190 | MARC EMMELMANN |  |  | if design of frame body field of WUR discovery frame is complete, then specify how to set Length present field and Length field, resepctively. If not it may open the door to define the unnecessary longer WUR PPDU. | Picking up on comment 2344. The comment was invalidly rejected. The comment identified a specific technical issues that was not considered nor resolved in a previous letter ballot. The comment identifies a technical document (comment reslution spreadsheet of privious letter ballots) which included in depth instructions that can be immediately adopted to satisfy the comment.  It should also be noted, that during the process of comment resolution of the privious ballot, the TG choose again to discard comments without due discussion / consideration for the reason of going to recirculation (see minutes, stating: In order to address all comments, Po-Kai has collected the 16 CIDs that have not been addressed elsewhere. All are rejected, and large majority of the comments are rejected based on being invalid comments.)  It should also be noted that the TG choose for some comments which picked up on previous -- falsely rejcted comments -- to have a proper discussion and address the issues. So the reason for rejection does not hold.  Specifically, the rejectedc comment stated: Picking up on comments made in the previous letter ballot on D1.0, the TG did not properbly address the issue raised in the comment, nor does the TG provide an indication that the text commented on has been deleted and hence the comment does not apply. (Note, page and line and sublause number refer to D1.0). In fact, as stated in the TGba minutes (11-19/226r0), the intend of the task group was to "Move to resolve CIDs that have no approved resolution as rejected with a reason read "TGba is unable to reach consensus on a resolution" in the interest of releasing draft 2.0". Also, the statement ""TGba is unable to reach consensus on a resolution" was added to the motion text there was one person speaking against the motion." was only added to the motion after objection to the original motion trying to reject comments in bulk with the reason of releasing a new LB.  The TG is asked to give the original comment due consideration and debade the proposed comment resolution as included in 11-18/1794r10. The referenced document includes an actionable comment resolution. | **Revised.**  Since the design of WUR Discovery frame is completed, text to specify how to set the Length Present field and the Length field are added.    TGba editor to make the changes shown in 11-19/1067r1 under all headings that include CID 3190. |

**Discussion:** None

**Propose:**

Revised for CIDs 3190 as per discussion and editing instructions in 11-19/1067r1.

9.10 MAC frame format for Wake-up Radio (WUR) frames (CIDs 3190)

* Format of individual WUR frame types
* WUR Discovery frame format

***TGba editor: Modify the section as the following (Track Changes ON):***

The frame format of the WUR Discovery frame is defined in Figure 9-993a (WUR frame format).

The Frame Control field is defined in 9.10.2.1.1 (Frame Control field).The Address field is set to the Transmit ID.

The TD Control is set to bits 8 to 19 of the compressed BSSID. The Address field is set to the Transmit ID.

The TD Control is set to bits 8 to 19 of the compressed BSSID.

The Protected subfield in the Frame Control field is set to 0.

The Length Present field is set to 1. The Length/Miscellaneous subfield contains a Length subfield, which is set as defined in 9.10.2.4 (Frame Body field). (#2128, #2388, #2600, #2810)

The ID field is set to the transmitter ID.

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***TGba editor: Modify 9.10.3.4 (WUR Vendor Specific frame format) as follows (Track Changes ON):***

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The Length Present field is set to 1. The Length/Miscellaneous subfield contains a Length subfield, which is set as defined in 9.10.2.4 (Frame Body field). (#2128, #2388, #2600, #2810)