IEEE P802.11  
Wireless LANs

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| Comment resolutions for WUR channels | | | | |
| Date: 2019-10-31 | | | | |
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Abstract

This submission proposes resolutions for multiple comments related to TGba D4.0 with the following CIDs:

4024, 4025, 4026, 4072, 4124

Revisions:

* Rev 0: Initial version of the document.

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** | **Clause Number** | **Page** | **Line** | **Comment** | **Proposed Change** | **Resolution** |
| 4024 | Bo Sun | 29.2 | 105 | 34 | The conception of "WUR primary channel" is bundled with a WUR AP or BSS and is not a common conception in a specific band. | Change to "The WUR primary channel of a WUR AP/BSS is the channel in which the WUR AP transmits WUR Beacon frames...". | Revised.  Agree in principle.  ***Instruction to the TGba Editor*:** change “The WUR primary channel is the channel in which a WUR AP transmits…” to “The WUR primary channel of a WUR AP is the channel in which the WUR AP transmits” |
| 4025 | Bo Sun | 29.2 | 105 | 40 | The conception of "WUR channel" is bundled with a WUR AP or BSS and is not a common conception in a specific band. | Change to "A WUR channel of a WUR AP/BSS is the channel in which the WUR AP transmits WUR Wake-up frames and WUR Vendor Specific frames..." | Revised.  Agree in principle.  ***Instruction to the TGba Editor*:** Change “A WUR channel is the channel in which a WUR AP transmits…” to “A WUR channel of a WUR AP is the channel in which the WUR AP transmits…” |
| 4026 | Bo Sun | 29.2 | 105 | 64 | The conception of "WUR discovery channel" is bundled with a WUR AP or BSS and is not a common conception in a specific band. | Change to "A WUR discovery channel of a WUR AP/BSS is the channel in which the WUR AP transmits WUR Discovery frames." | Revised.  Agree in principle.  ***Instruction to the TGba Editor*:** Change “A WUR discovery channel is a channel in which a WUR AP transmits…” to “A WUR discovery channel of a WUR AP is a channel in which the WUR AP transmits…” |
| 4072 | Osama Aboulmagd | 29.2 | 105 | 34 | The first two paragraphs on page 105 (Clause 29.2), the primary channel is always used for transmissions. If the primary channel is not available then no STA can start transmitting. The two paragraphs implies that the WUR primary channel and the WUR Channel can be different. Hence primary channel availability is not needed for transmitting WUR frames. If this is true then I think it needs to be highlighted. | As in comment | Rejected.  It is unclear what the commenter mean by “the primary channel is not available.” As the primary channel and the WUR channel are defined as follows and nothing to do with availability of the primary channel.  “The WUR primary channel is the channel in which a WUR AP transmits WUR Beacon frames (see 29.6.2 (WUR Beacon generation)).”  “A WUR channel is the channel in which a WUR AP transmits WUR Wake-up frames and WUR Vendor Specific frames to an associated WUR non-AP STA.” |
| 4124 | Xiaofei Wang | 3.2 | 22 | 12 | Is WUR vendor specific frames always transmitted on WUR channel? It is possible that it is transmitted on channels that are defined by the vendor which may be different than the WUR channel. | remove "and WUR vendor specific frames" | Rejected.  The definition doesn’t preclude transmission of WUR vendor specific frames transmitted on other channels, which is out of scope of the 802.11ba spec.  The addition of the WUR vendor specific frames in the definition was based on the comment resolution of CID 3112 “Is wake-up radio (WUR) channel used for sending only WUR Wake-up frames? How about vendor specific frame? If yes, add the vendor specific frame in the sentence” and the resolution for the comment agreed by TGba was as follows “REVISED (Editor: 2019-07-23 20:29:41Z) - Agree with the commenter. The WUR Vendor Specific frame is also added to the definition. The same change is also applied to Clause 29.2 P105L38.  TGba editor to make the changes shown in doc.: IEEE 802.11-19/1077r0 under all headings that include CID 3112.” |
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