IEEE P802.11
Wireless LANs

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| Resolution for CID  |
| Date: 2024-12-19 |
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# Revision information

Abstract

This document proposes resolutions for following 1 CID as part of CC50 comments:

1671

The following is a summary of the important changes that occurred within each revision of this document:

|  |  |
| --- | --- |
| **Revision** | **Major changes** |
| 0 | Initial version. |

# CC50 Comments:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Clause** | **Page.line** | **Comment** | **Proposed Change** | **Resolution** |
| 1671 | 37.15 | 0.00 | P2P communications should cover unavailability coordination between the BSS operation and the P2P operation of the non-AP STA. E.g. a mechanism to announce unavailability within the same TXOP, not just to the AP but also to P2P peers. This can be coordinated by the AP as the TXOP holder. | Enhance as per comment. | RevisedAgree in principle. A mechanism is added to inform the AP about the non-AP STA’s upcoming unavailability due to P2P needs and to request a portion of the TXOP from the AP.**TGbn editor, please make changes as marked by CID 1671 proposed in this document 11-25/1145r0.** |

# Note that the baseline is IEEE 802.11bn draft D0.3

# Text to be adopted begins here:

### 9.3.1.22.7 Feedback User Info field

***TGbn editor: Please add the following paragraphs, including the figure, at the end of the subclause 9.3.1.22.7 (Feedback User Info field) (#*1671*):***

If the Feedback Type field is set to 0, then the format of the Feedback Information field is defined in

Figure 9-xx1 (Feedback Information field if the Feedback Type field is set to 0).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | B0 B9 | B10 | B11 B20  |  B21 B23 |
|  | Unavailability Start Time  | TXOP Requested | Duration | Reserved |
| Bits: | 10 | 1 | 10 | 3 |

### (#1671) Figure 9-xx1: Feedback Information field if the Feedback Type field is set to 0

The Unavailability Start Time field indicates the value of TSF[15:6] at the time when the STA transmitting the Multi-STA BlockAck frame is expected to become unavailable.

The TXOP Requested subfield indicates whether the STA transmitting the Multi-STA BlockAck frame is requesting a TXOP from the TXOP holder during the STA’s unavailability. If the subfield is set to 1, it indicates that the STA is requesting a TXOP from the TXOP holder; otherwise, the STA is not requesting a TXOP.

The Duration subfield indicates a time duration in units of 64 µs. If the TXOP Requested subfield is set to 0, then the Duration subfield indicates the duration of unavailability of the STA transmitting the field, starting from the time indicated in the Unavailability Start Time field. If the TXOP Requested subfield is set to 1, then the Duration subfield indicates the duration of the TXOP requested by the STA.

**37.17.2 Dynamic Unavailability Operation (DUO) mode**

***TGbn editor: Please add the following paragraph at the end of the subclause 37.17.2 (Dynamic Unavailability Operation (DUO) mode) (#*1671*):***

(#1671) A DUO non-AP STA that is operating in a DUO mode and is a TXOP responder may indicate, in a Multi-STA BlockAck frame, whether the non-AP STA requests a TXOP from its associated DUO supporting AP by setting the TXOP Requested subfield to 1 in the Feedback Information with the Feedback Type field set to 0. The DUO supporting AP, upon receiving the TXOP, should send an MU-RTS TXS Mode-2 trigger to the non-AP STA, allocating a TXOP requested by the non-AP STA.

# Text to be adopted ends here.