IEEE P802.11
Wireless LANs

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| CR for CID 2447 - ICF parameters in Co-TDMA |
| Date: 2025-05-12 |
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Abstract

This document addresses the CID 2447.

Rev0: initial version

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| **CID** | **Clause** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 2447 | 37.8.2.3.2 | 73 | Co-TDMA sharing AP sending an ICF frame to poll AP should include information that helps the polled AP to decide if it responds to the ICF with a positive response | Include signaling where the sharing AP includes information that help the responding AP to decide if it wants to get a share of the TXOP. | Accepted:Agreed, the sharing AP should indicate the primary AC and the expected duration of the TXOP it is sharing.TGbn Editor: Please apply changes as marked as #2447. |

# Discussion:

Based on some offline discussions we want to propose following way to resolve the comment #2447 as an addition to the PDT [1]:

* + The PDT already includes the primary AC as a parameter in the ICF to help the polled AP to decide if it has wants to receive part of the TXOP from the sharing AP.
	+ We propose to add the TXOP duration available for sharing with coordinated AP(s) as an additional parameter in the ICF to help the polled AP to decide if it wants to receive part of the TXOP from the sharing AP

# Proposal:

***TGbn editor: Insert Clause 37.8.2.3.2 as follows (#2247):***

* + - * 1. Polling phase

(#2447)When a Co-TDMA sharing AP transmits a Co-TDMA TB ICF, the AP shall set the subfields of a Feedback User Info field (see 9.3.1.22.7(Feedback User Info field)) of the Co-TDMA TB ICF as follows:

* The Feedback Type subfield is set to 3.
* The Primary AC subfield is set to the primary AC of the obtained TXOP by the Co-TDMA sharing AP.
* The TXOP duration available for sharing with Coordinated AP(s)
* The TXOP Return Needed subfield is set to 1 if the Co-TDMA sharing AP needs the TXOP to be returned from a Co-TDMA coordinated AP, otherwise it is set to 0.

(#2447)When a Co-TDMA sharing AP transmits a Co-TDMA NTB ICF, the AP shall set the subfields of a User Info field addressed to the polled AP as follows:

* The Feedback Type subfield is set to 3.
* The Primary AC subfield is set to the primary AC of the obtained TXOP by the Co-TDMA sharing AP.
* The TXOP duration available for sharing with Coordinated AP(s)
* The TXOP Return Needed subfield is set to 1 if the Co-TDMA sharing AP needs the TXOP to be returned from a Co-TDMA coordinated AP, otherwise it is set to 0.

References:

[1] IEEE 802.11-25/0755r1, PDT and Comment resolutions for Co-TDMA (Part 2)