IEEE P802.11  
Wireless LANs

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| 11bn PDT PHY Packet Extension | | | | |
| Date: January, 2025 | | | | |
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Abstract

This document contains Proposed Draft Text (PDT) for the Packet Extension of the TGbn (UHR, Ultra High Reliability) amendment to the 802.11 standard.

# Revision information

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

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| **Revision** | **Major changes** |
| 0 | Initial revision |
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# 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 TGbn Draft. The abstract, revision information, introduction, explanation of the proposed changes, and references sections are not part of the adopted material.

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

## Explanation of the proposed changes:

The proposed changes to the 802.11 TGbn draft within this document are based on the following motions adopted by the TGbn task group.

### Relevant passing motions:

None.

# Text to be adopted begins here:

***TGbn editor: Please add the following new subclauses for Packet Extension to the 802.11bn draft D0.1 (NOTE: The following subclauses are based on 11-24-1993r2):***

# 38. Ultra High Reliability (UHR) PHY specification

## 38.3 UHR PHY

### 38.3.16 Packet Extension

# Text to be adopted ends here.

# References:

1. [11-24-0171r21](https://mentor.ieee.org/802.11/dcn/24/11-24-0171-21-00bn-tgbn-motions-list-part-1.pptx): 11-24-0171-21-00bn-tgbn-motions-list-part-1, Alfred Asterjadhi (Qualcomm Inc.)
2. 11-24-1993r2: 11-24-1993-00-00bn-tgbn-d0-1-spec-skeleton, Ross Jian Yu (Huawei)