IEEE P802.11 Wireless LANs

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| Proposed text for MAC supporting LC HT and LC VHT PHY modes |
| Date: 2021-09-06 |
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Abstract

This document provides text to be incorporated in the TGbb draft for the MAC supporting the LC HT and LC VHT PHY modes.

# 31 LC MAC specification

## 31.1 LC MAC Introduction

This Clause defines the LC MAC. An LC STA supports the MAC and MLME functions defined in Clause 31 (LC MAC specification) in addition to a subset of the MAC functions defined in Clause 10 (MAC sublayer functional description), the MLME functions defined in Clause 11 (MLME), and the security functions defined in Clause 12 (Security).

## 31.2 LC MAC specification

The LC MAC that supports the LC common-mode (LC CM) PHY mode shall consist of a subset of

functionalities in Clause 10 (MAC sublayer functional description), in subclauses 10.3 (DCF), 10.4 (MSDU and MMPDU fragmentation), 10.5 (MSDU and MMPDU defragmentation), and 10.6 (Multirate support) are required.

The LC MAC that supports the LC HT PHY mode shall be the same as Clause 19 (High-throughput (HT) PHY specification).

The LC MAC that supports the LC VHT PHY mode shall be the same as Clause 21 (Very high throughput (VHT) PHY specification).

The LC MAC that supports the LC HE PHY mode shall be the same as Clause 26 (High Efficiency (HE) MAC specification).

### *Editor’s note: TBD. MAC supports other PHY modes is to be added here.*

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