IEEE P802.11 Wireless LANs

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| Proposed text for MAC supporting common mode PHY  |
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| Author(s): |
| Name | Affiliation | Address | Phone | Email |
| Chong Han  | pureLiFi |  |  | chong.han@purelifi.com  |
| Nikola Serafimovski  |  |  | nikola.serafimovski@purelifi.com |
| Stephan Berner |  |  | stephan.berner@purelifi.com |
| Mostafa Afgani |  |  | Mostafa.afgani@purelifi.com |
| Tamas Weszely |  |  | Tamas.weszely@purelifi.com |

Abstract

This document provides text to be incorporated in the TGbb draft for the MAC supporting the common PHY mode.

# 31 LC MAC specification

## 31.1 LC MAC Introduction

This clause defines the light communications (LC) MAC. An LC STA supports the MAC and MLME functions defined in Clause 31 (Light Communication (LC) MAC specification) in addition to 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 except when the functions in Clause 31 (Light Communication (LC) MAC specification) supersede the functions in Clause 10 (MAC sublayer functional description) or Clause 11 (MLME).

## 31.2 LC MAC specification

The LC MAC that supports the LC common mode PHY may consist of a subset of functionalities in the 17 (Orthogonal frequency division multiplexing (OFDM) PHY specification). 10.3 (DCF), 10.4 (MSDU, A-MSDU, and MMPDU fragmentation), 10.5 (MSDU, A-MSDU, and MMPDU defragmentation), and 10.6 (Multirate support) are required.

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

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