

# **IEEE 802.3 EMS Study Group Ad hoc Meeting**

**03 Sept 2025**

## **Proposed Objectives**

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# Proposed Objectives

- Support full-duplex operation only
  - ~~Preserve the Ethernet frame format utilizing the Ethernet MAC~~
  - Preserve the IEEE 802.3/Ethernet frame format (see IEEE Std 802.3 subclause 3.1.1) at the MAC client service interface
  - Preserve the minimum and maximum Frame Size of the current IEEE 802.3 standard
  - Define an optional Per-packet metadata service
  - Define an optional Packet-independent metadata service for data rates  $\geq 100$  Gb/s
- Define modifications to  $\geq 100$  Gb/s data rate Physical Layers ~~PHYs~~ to support packet-independent metadata