

IEEE P802.3ct Adopted Objectives

- Adopted by IEEE P802.3cn TF Nov 2018.
- Approved by IEEE 802.3 WG Nov 2018.
- Adopted by IEEE P802.3ct TF, Sept 2019

- **Support full-duplex operation only**
- **Preserve the Ethernet frame format utilizing the Ethernet MAC**
- **Preserve minimum and maximum FrameSize of current Ethernet standard**
- **Provide appropriate support for OTN**

100 Gb/s Ethernet

- Support a MAC data rate of 100 Gb/s
- Support a BER of better than or equal to 10^{-12} at the MAC/PLS service interface (or the frame loss ratio equivalent) for 100 Gb/s
- Provide a physical layer specification supporting 100 Gb/s operation on a single wavelength capable of at least 80 km over a DWDM system.