Proposed Foundational Objectives

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Supporters

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- Gary Nicholl, Cisco
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- Ted Sprague, Infinera
- Hai-Feng Liu, Intel
- David Ofelt, Juniper Networks
- David Lewis, Lumentum
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- Brian Welch, Luxtera
- Mike Dudek, Marvell
- Ed Ulrichs, Source Photonics
- Dave Estes, Spirent
- Paul Brooks, Viavi

Proposed Foundational Objectives

- Support a MAC data rate of 100 Gb/s

- Support a MAC data rate of 400 Gb/s

- Support full-duplex operation only

- Preserve the Ethernet frame format utilizing the Ethernet MAC

- Preserve minimum and maximum FrameSize of current IEEE 802.3 standard

- 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 operation

- Support a BER of better than or equal to 10^{-13} at the MAC/PLS service interface (or the frame loss ratio equivalent) for 400 Gb/s operation