

IEEE 802.3 Ethernet Working Group Liaison Communication

Source: IEEE 802.3 Working Group¹

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From: David Law Chair, IEEE 802.3 Ethernet Working Group
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Subject: Liaison response to OIF regarding the 400ZR Interop Project

Approval: Agreed to at IEEE 802.3 Plenary meeting, San Diego, CA, USA, 12th July 2018

Dear Mr. Otto, Mr. Frlan, and members of the OIF,

Thank you for your liaison letter of 5th July 2018, which provided an update on the status of the 400ZR Interop Project and the draft 400ZR Implementation Agreement (Document # oif2017.245.08).

We are pleased to inform you that since our last communication (March 2018) the project documentation for the IEEE P802.3cn Beyond 10km Optical PHYs project has been submitted to the IEEE-SA Standards Board for consideration for final approval on 27th September 2018. The proposed Project Authorization Request (PAR) may be found at <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0167-00-00EC-ieee-p802-3cn-draft-par.pdf> and the Criteria for Standards Development (CSD) responses for this project may be found at <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0166-00-ACSD-802-3cn.pdf>.

This project will address the following: 1) Optical PHYs for 40 km reach over a duplex fiber pair for rates of operation of 50 Gb/s, 200 Gb/s, and 400 Gb/s; and 2) Optical PHYs for 80 km reach over a DWDM system for rates of operation of 100 Gb/s and 400 Gb/s. The

¹ This document solely represents the views of the IEEE 802.3 Working Group, and does not necessarily represent a position of the IEEE, the IEEE Standards Association, or IEEE 802.

complete set of project objectives may be found at <http://www.ieee802.org/3/B10K/project_docs/objectives_180521.pdf>.

Assuming the approval of the IEEE P802.3cn Beyond 10km Optical PHYs project, the future task force would begin the process of determining baseline selections. In anticipation of this phase, we would appreciate the OIF continuing to provide updates on the 400ZR project.

Sincerely,
David Law
Chair, IEEE 802.3 Ethernet Working Group