

IEEE Next Generation 100Gb/s Optical Ethernet Study Group
Informal Communication

Source: IEEE Next Generation 100Gb/s Optical Ethernet Study Group ¹
To: Jonathan Sadler, OIF Technical Committee Chair (jonathan.sadler@tellabs.com)
CC: Paul Nikolich, Chair IEEE 802 LMSC (p.nikolich@ieee.org)
David Law, Chair IEEE 802.3 Ethernet Working Group (dlaw@hp.com)
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Subject: Informal communication to OIF from IEEE Next Generation 100Gb/s Optical Ethernet Study Group
From: Dan Dove, Chair IEEE Next Generation 100Gb/s Optical Ethernet Study Group (dan.dove@hp.com)
Approval: Agreed to at IEEE Next Generation 100Gb/s Optical Ethernet Study Group meeting, September 15, 2011

Dear Mr. Sadler,

The IEEE 802.3 Working Group approved the formation of the Next Generation 100Gb/s Optical Ethernet Study Group in July 2011 to consider the next generation of 100 Gb/s Optical Ethernet. This effort is still in the early stages and is not an approved standards project at this time.

The Next Generation 100Gb/s Optical Ethernet Study Group is focused on starting a standards development project, including defining project scope, and objectives. If authorized as a project, the group will become a Task Force. At that time, technology selections will be actively pursued.

The first meeting of the IEEE Next Generation 100Gb/s Optical Ethernet Study Group took place on September 14 and 15 in Chicago, IL. Meeting details and presentations can be found at <http://www.ieee802.org/3/100GNGOPTX/public/index.html>.

Given prior communications between the OIF and IEEE 802.3 WG, the Study Group would like to request the latest documentation relevant to the OIF CEI-28G-VSR project. At the September meeting of the Study Group, there has been discussion of electrical interfaces supporting 100GbE across 4 lanes of ≈ 25 Gb/s. We will keep OIF updated with any decisions we make in this regard.

We appreciate your cooperation in our past work and look forward to continued dialogue with the OIF.

Sincerely,

Dan Dove
Chair, IEEE Next Generation 100Gb/s Optical Ethernet Study Group
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¹ This document solely represents the views of the IEEE Next Generation 100Gb/s Optical Ethernet Study Group, and does not necessarily represent a position of the IEEE, the IEEE Standards Association, IEEE 802@, or IEEE 802.3.