IEEE 802.3 Ethernet Working Group
<mark>DRAFT</mark> Liaison Communication

Source: IEEE 802.3 Working Group[1]

To: Klaus-Holger Otto   OIF Technical Committee Chair
                                      Klaus-holger.otto@nokia.com

           Kimberly Naughton   Project Manager, OIF
                                      liaisons@oiforum.com

CC: Konstantinos Karachalios   Secretary, IEEE-SA Standards Board
                                      Secretary, IEEE-SA Board of Governors
                                      sasecretary@ieee.org

           Paul Nikolich   Chair, IEEE 802 LMSC
                                      p.nikolich@ieee.org

           Adam Healey   Vice-chair, IEEE 802.3 Ethernet Working Group
                                      adam.healey@broadcom.com

           Jon Lewis   Secretary, IEEE 802.3 Ethernet Working Group
                                      jon.lewis@dell.com

           John D'Ambrosia   Chair, IEEE P802.3cw Task Force
                                      jdambrosia@ieee.org

From: David Law   Chair, IEEE 802.3 Ethernet Working Group
                                      dlaw@hpe.com

Subject: Liaison letter to OIF regarding IEEE P802.3cw 400GBASE-ZR Optical
           Specifications

Approval: Agreed to at IEEE 802.3 interim teleconference meeting, 21st January 2021

Dear Mr. Otto and members of the OIF,

As previously communicated, the IEEE P802.3cw Task Force is developing a specification
that defines 400 Gb/s Ethernet operation over DWDM networks. This effort is similar in
nature to the OIF's 400ZR specification.

As the IEEE P802.3cw optical specification has moved to a 75 GHz spacing, it has become
evident that inter-channel crosstalk needs further consideration than what has been done in
prior specifications. To this end, the Task Force has formed the Optical Crosstalk Ad hoc,
which is currently in the process of analyzing these impacts and developing the methodology
to specify them. Information regarding the IEEE P802.3cw Optical Crosstalk Ad hoc may be
found at https://www.ieee802.org/3/cw/public/adhoc/index.html.

---

[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.

As the OIF's 400ZR project is now also supporting 75 GHz channel spacing, we believe it is in the industry's best interest for our two groups to share information and align on specifications that will address this issue.

Therefore, we would appreciate any input that OIF may have regarding this issue and look forward to future collaboration between our two groups.

Sincerely,

David Law

Chair, IEEE 802.3 Ethernet Working Group