



March 11, 2019

To: David Law and members of the IEEE 802.3 Working Group
cc: Peter Anslow, 802.3 WG Secretary
John D'Ambrosia – P802.3ct Task Force

Subject: 400ZR Interop Project

From: Klaus-Holger Otto, OIF Technical Committee Chair (klaus-holger.otto@nokia.com)

Dear Mr. Law and participants of IEEE 802.3 Working Group,

Congratulations on the formation of the IEEE P802.3ct Task Force, and for Liaison letter.

The OIF Q1 Technical and MA&E Committees meetings were held in Tucson, AZ from February 19th through February 21st.

The 400ZR Implementation Agreement (IA) specifies a Digital Coherent 400ZR interface targeted at short reach DWDM amplified noise limited links and unamplified loss limited links. At this meeting we agreed to remove the reach requirement for the unamplified use case leaving the reach defined by the loss budget plus link impairments of 11dB. Other areas of progress included some initial results from EVM, and agreement on datapath loopbacks for self-test, and cross-coupled testing. 400ZR uses a Black Link approach for defining the optical channel. The transfer functions for both application codes are now included in the IA.

We would be very interested in receiving an update from the IEEE 802.3cn Task Force. We would also appreciate any comments and feedback you may have on the IA # OIF-400ZR-0.11 Draft.

We will continue to update the IEEE802.3 on the progress on 400ZR IA. Our next meeting is in Dubrovnik, Croatia the week of May 13th, 2019.

Sincerely,

Klaus-Holger Otto,
OIF Technical Committee Chair (klaus-holger.otto@nokia.com)

Note: Attention is called to the possibility that use or implementation of this OIF document, oif2017.245.11, may require use of subject matter covered by IPR. By providing access to this document, no position is taken with respect to the existence or validity of any IPR in connection herewith. The OIF shall not be responsible for identifying all IPR which is required in order to utilize this document or the information contained herein, or for conducting inquiries into the legal validity or scope of such IPR that is brought to its attention.

This draft is not a contribution nor is it a submission on an IEEE Standards draft and therefore the IEEE-SA copyright and patent policies do not apply.

Attachment: *oif2017.245.11* (IA # OIF-400ZR-0.11 Draft).