



March 2, 2021

To: David Law and participants of the IEEE 802.3 Ethernet Working Group
cc: John D'Ambrosia – IEEE P802.3cw Task Force Chair

Subject: 400ZR IA Maintenance 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,

The OIF Q1 Technical and MA&E Committees meetings were held virtually from February 22nd through February 26th 2021. During these sessions, the PLL (Optical) Working Group met to discuss 400ZR IA Maintenance Items. The group agreed on a compliance methodology for 400ZR transceivers considering adjacent-channel crosstalk across a 75GHz spaced DWDM Link. The key aspects of this methodology include a well-defined TX spectral mask, DWDM link MUX/DMUX specifications, and the resulting maximum adjacent-channel crosstalk penalty. This compliance methodology enables the TX, the DWDM link and the RX to be independently tested and verified for compliance.

We very much appreciate our ability to liaise with IEEE P802.3cw and look forward to sharing information with the Task Force as we further develop the 400ZR IA. Our next meeting is scheduled for May 10th -14th 2021. In this meeting we expect to adopt and be able to share a baseline draft specification for the 400ZR Maintenance IA. Any comments and information you can share with us on your P802.3cw Task Force activities and progress is appreciated.

Sincerely,
Klaus-Holger Otto,
OIF Technical Committee Chair ([Klaus-holger.otto@nokia.com](mailto:klaus-holger.otto@nokia.com))

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