



May 19, 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 Q2 Technical and MA&E Committees meetings were held virtually from May 10th through May 14th. As reported in a previous liaison, a key aspect of the Maintenance IA is to address 400ZR transceivers operating on a 75GHz spaced DWDM Link. From your March 11th liaison we understand 802.3cw has similar goals and that you plan to specify the crosstalk and crosstalk isolation using a Black Link approach.

The OIF recognizes the Black link includes optical filters at the MUX/DMUX components. The OIF will therefore specify the Black Link transfer function including these components. Although our approach is slightly different we expect the resultant spectral interference and isolation to be equivalent to the IEEE Black Link approach.

During this meeting we adopted oif2020.301.04 (attached) as the 400ZR IA Maintenance baseline. The new 400ZR, 75 GHz DWDM amplified - Application Code (0x03) parameters can be found in Section 13.3. We very much appreciate our ability to liaise with IEEE P802.3cw and look forward to any updates from the P802.3cw Task Force on this specific topic.

We request that access to the attached document be restricted to 802.3 participants only and that you acknowledge the OIF in any derivative work.

Sincerely,

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

Attachment: oif2020.301.04

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