



May 19, 2022

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

Subject: 800ZR/800LR IA Project Update

From: Klaus-Holger Otto, OIF Technical Committee Chair ([REDACTED])

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

The OIF Q2'22 Technical and MA&E Committees meetings were held from May 10th through May 12th in Porto, Portugal. The focus of this meeting's 800ZR work sessions was to address all comments from the 800ZR IA draft (OIF2021.144.10) and submit for Straw Ballot. Test vectors were also made available to OIF members covering the entire datapath. The latest draft covers the mapping and muxing of Ethernet clients into the 800ZR line interface. The group is currently working on the optical interface specifications for 800ZR. We plan to liaise the draft after completion of the first straw ballot.

It was recognized from your "Liaison Reply to Liaison 800G Coherent Project Status", dated 17 March 2022 that the 802.3cw specification development is delayed due to lack of progress in obtaining Error Vector Magnitude (EVM) data. You also made the observation that the OIF appears to be experiencing similar difficulties in developing EVM specifications. The optical specifications for 800ZR and 800LR are still being discussed by the group but we hope to have additional information in the future.

We very much appreciate our ability to liaise with IEEE P802.3 and look forward to any updates and further developments from the P802.3cw Task Force.

Sincerely,

Klaus-Holger Otto,
OIF Technical Committee Chair