



January 17, 2023

To: David Law and participants of the IEEE 802.3 Ethernet Working Group

cc: John D'Ambrosia – IEEE P802.3df Task Force Chair

Subject: 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 Q1'23 Technical and MA&E Committees meetings were held from January 10th through January 12th in Indian Wells, California, USA. The focus of this meeting's 800LR work sessions were to discuss and reach consensus on some open work items, in order to progress a working draft text.

Thank you for the status of the P802.3df Task Force. Given P802.3df published timeframes, availability of the D1.0 document and the similarities to 800G-ETC, the group has decided to include 800GBASE-R (based on 100G/lane architecture) in the 800LR project scope as a possible client. Our permutation functions are compatible to both 800G-ETC and currently documented 800GBASE-R. This is subject to change depending on the progress in P802.3df Task Force.

The optical specifications for 800LR are still being discussed by the group but we hope to have additional information in the future. We have adopted an application code for O-band applications, while C-band applications are still in discussion.

We very much appreciate our ability to liaise with IEEE 802.3 and look forward to any updates and further developments from the P802.3df Task Force.

Sincerely,

Klaus-Holger Otto,

OIF Technical Committee Chair ([REDACTED])