



November 8, 2013

To: David Law and members of IEEE 802.3

Subject: OIF Multi-link Gearbox (MLG) 3.0 Project

From: Nathan Tracy, OIF Technical Committee Chair (ntracy@te.com)

Dear Mr. Law,

The OIF would like to inform you that we have initiated work on a new OIF Multi-Link Gearbox (MLG) 3.0 implementation agreement. This project leverages past and present IEEE 802.3 work for 4x25G gearbox applications originally developed to support 100GBASE-R in order to support multiple 10G applications and 40G applications. This is an evolution of the earlier MLG 2.0 implementation agreement augmented to support an inband channel for monitoring and control, to support use of the 100GBASE-KR4 RS-FEC per clause 91 of draft IEEE Std 802.3bj for an MLG link, and to support transport of 10GBASE-R over $n \times 20G$ or $n \times 40G$ links. A copy of the project start proposal is attached.

Sincerely,

A handwritten signature in black ink that reads "Nathan Tracy". The signature is written in a cursive style and is set against a light pink rectangular background.

Nathan Tracy,
OIF Technical Committee Chair (ntracy@te.com)

Attachment: oif2013.316.02

Cc: David Stauffer, OIF PLL WG chair; Karl Gass, OIF PLL WG vice chair, optical; Pete Anslow, IEEE 802.3 secretary