



November 7, 2016

To: David Law and members of the IEEE 802.3 Working Group
cc: Pete Anslow, 802.3 WG Secretary

Subject: Start of 400ZR Interop Project

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

Dear Mr. Law and members of IEEE 802.3,

At our meeting in Auckland, New Zealand, held from Nov 1st-3rd, 2016 the Physical and Link Layer (PLL) Working Group voted in favor of a new project start for 400ZR Interop. The project will result in an implementation agreement (IA) for pluggable digital coherent optical (DCO) modules targeted at (passive) single channel ZR and (amplified) short-reach DWDM applications with distances up to 120 km. The project should ensure a cost-effective and long-term relevant implementation based on single-carrier 400 G, coherent detection and advanced DSP / FEC algorithms. It operates as a 400 GbE PMD compatible with 400G-AUI. Other formats could be considered in the project as well.

The project start proposal attracted supporters from more than 34 companies, including end users, system and component suppliers. At the TC closing plenary, 34 companies voted in favor of the project start with no opposition.

Since 400 Gb/s Ethernet is a primary payload for the proposed optical modules, we propose to liaison the draft implementation agreements periodically during the project.

Sincerely,



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