



November 8, 2018

To: David Law and members of the IEEE 802.3 Working Group  
cc: Peter Anslow, 802.3 WG Secretary  
John D'Ambrosia – P802.3cn Task Force

Subject: 400ZR Interop Project

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

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

We thank the IEEE for the 13<sup>th</sup> September 2018 Liaison on 400ZR Interop project.

The OIF Q418 Technical and MA&E Committees meetings were held in Sydney, Australia. On Monday October 29<sup>th</sup>, the OIF PLL WG – Optical track held a 400ZR interim meeting followed by several working sessions from October 30<sup>th</sup> through November 1<sup>st</sup>.

The 400ZR Implementation Agreement (IA) specifies a Digital Coherent 400ZR interface targeted at short reach DWDM amplified noise limited links and unamplified loss limited links. The IA aims to enable interoperable, cost-effective, 400Gb/sec implementations based on single-carrier coherent DP-16QAM modulation, efficient DSP and a Cascaded FEC (C-FEC). 400ZR operates as a 400GBASE-R PHY.

The meeting focused on comment resolution from the first straw ballot. Open Issues remaining include defining the interoperability requirements for the black link and EVM related optical parameters.

We would be very interested in receiving an update from the IEEE 802.3 task forces, specifically progress on P802.3cd and the P802.3cn. Study Group. We would also appreciate any comments and feedback you may have on the IA # OIF-400ZR 0.10 Draft.

We will continue to update the IEEE 802.3 on the progress on 400ZR IA. Our next meeting is in Tucson AZ, the week of February 18th, 2019.

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Sincerely,  
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