



November 7, 2019

To: David Law and participants of the IEEE 802.3 Working Group
cc: Jon Lewis, IEEE 802.3 WG Secretary
John D'Ambrosia – IEEE P802.3ct Task Force

Subject: 400ZR Interop Project

From: Ed Frlan, OIF Technical Committee Chair (efrlan@semtech.com)

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

We thank the IEEE for the 12th September 2019 liaison letter to the OIF informing us on the IEEE P802.3ct project, and your intent to split the 400GBASE-ZR PMD project to IEEE P802.3cw.

The OIF Q419 Technical and MA&E Committees meetings were held in Singapore, from October 22nd through October 24th. At this meeting we also heard from major hyperscale data center operators outlining the need for the 400ZR IA to support 75GHz grid spacing for up to 64 channels. To address this need we decided to kick off a maintenance release to the 400ZR IA which will run in parallel with the current 100GHz focused release through publication. The maintenance release will focus on 75GHz, however, other work items like EVM, and ZR+ capabilities will be considered.

We very much appreciate our ability to liaise with the IEEE P802.3ct Task Force and look forward to sharing information with the future IEEE P802.3cw Task Force as we continue to develop the 400ZR IA. Attached please find the current 400ZR IA draft (oif2017.245.14). We would appreciate any comments and information you can share with us. Our next meeting is in New Orleans, Louisiana the week of February 10th – 14th 2020.

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Sincerely,
Ed Frlan,
OIF Technical Committee Chair

Attachment: oif2017.245.14.