IEEE 802.3 Ethernet Working Group
Liaison Communication

Source:	IEEE 802.3 Working Group[1]	
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Subject:	Liaison reply to ITU-T SG15 liaison on spectral excursion measurements and OIF liaison letter concerning OIF 400ZR project	
Approval:	Agreed to at IEEE 802.3 plenary meeting, Vienna, Austria, 18th July 2019	

Dear Mr. Trowbridge and members of ITU-T Study Group 15,
Dear Mr. Otto and members of OIF,

Given that ITU-T Study Group 15, OIF, and IEEE 802.3 all have active work in a similar technology area (in particular, the work to extend ITU-T G.698.2 to include 200G and 400G application codes, the OIF 400ZR project, and the IEEE P802.3ct Task Force), we have

[1] This document solely represents the views of the IEEE 802.3 Working Group, and does not necessarily represent a position of the IEEE, the IEEE Standards Association, or IEEE 802.

elected to combine our communications to ensure all information we send is available to all groups in a timely fashion to maximize industry efficiency.

The IEEE 802.3 Working Group thanks ITU-T Study Group 15 for the information on spectral excursion test results.

The IEEE 802.3 Working Group thanks the OIF for the liaison letter of 11th July 2019 providing the status of the OIF 400ZR project and providing us a copy of the latest draft oif2017.245.12. The adopted baselines for the digital logic sublayers for the 400GBASE-ZR PHY currently under development in the IEEE P802.3ct Task Force remain largely consistent with the OIF draft.

During our meeting in Vienna, Austria, the IEEE P802.3ct Task Force made the following decisions:

- For the 100GBASE-ZR PHY, agreed to update the baseline to add error marking in the case of uncorrectable Staircase FEC codewords.
- Agreed to an optical specification methodology and the majority of optical parameter values for 100GBASE-ZR PMDs (slides 8, 9 and 11 of stassar_3ct_02_0719.pdf).
- Agreed to an optical specification methodology for 400GBASE-ZR PMDs (slides 4 to 6 of stassar_3ct_02_0719.pdf). Note that while an initial table of parameters to be specified has been agreed, specific optical parameter values for 400 Gb/s operation have not yet been selected.

We look forward to continued collaboration and exchange of information with ITU-T SG15 and OIF as our respective projects advance toward completion.

Sincerely,
David Law
Chair, IEEE 802.3 Ethernet Working Group