IEEE 802.3 Ethernet Working Group
DRAFT Liaison Communication

Source:	IEEE 802.3 Working Group[1]	
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From:	David Law	Chair, IEEE 802.3 Ethernet Working Group dlaw@hpe.com
Subject:	Liaison on Comments on convergence, wavelength plans, and ongoing communications	
Approval:	Agreed to at IEEE 802.3 Plenary meeting, Berlin, Germany, 13th July 2017	

Dear Mr. Effenberger and Mr. Kani,

The IEEE 802.3 Working Group appreciates ITU-T SG15 Q2's interest in the on-going IEEE P802.3ca Task Force efforts to develop a wavelength plan for future 25G, 50G, and 100G PON Systems. We would be interested in a preview of the G.sup.HSP document when it becomes available.

The IEEE P802.3ca Task Force has made significant progress on the wavelength plan that can meet ITU-T Q2/15 requirements of 25G-EPON coexistence with established ITU PONs. 25G PON coexistence details are provided below:

1. 25G-EPON will co-exist via WDM with XGS-PON/XG-PON and Reduced G-PON (G.984), but not both simultaneously.
2. The IEEE 802.3 Working Group has agreed to add 25G-EPON coexistence with Reduced G-PON as an official IEEE P802.3ca Task Force objective.
3. 25/50/100G-EPON will coexist with RF-Overlay (J.185) and NGPON2 (G.989) systems.

Once again, thank you for your interest. We look forward to continued collaboration with the ITU-T Q2/15 team.

[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.

Sincerely,

David Law

Chair, IEEE 802.3 Ethernet Working Group