IEEE 802.3 Ethernet Working Group  
DRAFT Liaison Communication

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| From: | David Law | Chair, IEEE 802.3 Ethernet Working Group [dlaw@hpe.com](mailto:dlaw@hpe.com) |
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| Subject: | Progress on P802.3ct (pending P802.3cw) Task Force | |
| Approval: | Agreed to at IEEE 802.3 interim meeting, Geneva, Switzerland, 23 January 2020 | |

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

Dear Mr. Frlan and members of OIF,

As a reminder, we have agreed to split the IEEE P802.3ct project, retaining 100 Gb/s Ethernet operation over a DWDM system in IEEE P802.3ct, while moving 400 Gb/s Ethernet operation over a DWDM system to a new project, IEEE P802.3cw. The P802.3cw PAR is still pending approval by NesCom/SASB, which is expected in early February.

At our January interim meeting in Geneva Switzerland (meeting materials at: <http://ieee802.org/3/ct/public/20_01/index.html>), several decisions were made within the scope of the new IEEE P802.3cw project.

* It was agreed to change the grid spacing for 400GBASE-ZR from 100 GHz to 75 GHz.
* It was agreed to adopt 191.375 to 196.1 THz as the frequency range for  
  400GBASE-­ZR, 64 channels.
* It was agreed to adopt the EVM measurement methodology defined by Slides 5-9 of [pittala\_3ct\_01a\_0120.pdf](http://ieee802.org/3/ct/public/20_01/pittala_3ct_01a_0120.pdf) to enable correlation for the definition of a transmitter metric.

We look forward to continued collaboration with ITU-T SG15 and OIF on 400 Gb/s technologies.

Sincerely,

David Law

Chair, IEEE 802.3 Ethernet Working Group

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. [↑](#footnote-ref-1)