

IEEE 802.3 Ethernet Working Group Liaison Communication

Source: IEEE 802.3 Working Group¹

To: Steve Trowbridge Chair, ITU-T Study Group 15
steve.trowbridge@nokia.com

Peter Stassar Rapporteur, ITU-T Q6/15
peter.stassar@huawei.com

Steve Gorshe Rapporteur, ITU-T Q11/15
steve.gorshe@microchip.com

Hiroshi Ota Advisor, ITU-T Study Group 15
hiroshi.ota@itu.int

CC: Konstantinos Karachalios Secretary, IEEE-SA Standards Board
Secretary, IEEE-SA Board of Governors
sasecretary@ieee.org

Paul Nikolich Chair, IEEE 802 LMSC
p.nikolich@ieee.org

Adam Healey Vice-chair, IEEE 802.3 Ethernet Working Group
adam.healey@broadcom.com

Jon Lewis Secretary, IEEE 802.3 Ethernet Working Group
jon.lewis@dell.com

John D'Ambrosia Chair, IEEE P802.3ct Task Force
jdambrosia@ieee.org

From: David Law Chair, IEEE 802.3 Ethernet Working Group
dlaw@hpe.com

Subject: Liaison letter to ITU-T Study Group 15 on 100 Gb/s status in IEEE P802.3ct project

Approval: Agreed to at IEEE 802.3 interim meeting, Indianapolis, IN USA, 12th September 2019

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

Please see a separate liaison statement concerning the proposed division of the IEEE P802.3ct project into two projects.

During our interim meeting in Indianapolis, the IEEE P802.3ct Task Force decided to support a wavelength plan consisting of 48 wavelengths from 191.4 THz to 196.1 THz spaced at 100 GHz for the 100GBASE-ZR PHY. This allowed draft D1.0 for the reduced-scope IEEE P802.3ct Task Force specifying 100GBASE-ZR to be adopted and to begin Task Force review. A copy of this draft is attached.

Note that the digital signal format for 100GBASE-ZR is based on the mapping of 100GBASE-R signals into the OPU4 frame, adding Staircase FEC, based on the frame format described in ITU-T G.709.2, omitting the majority of OTN-specific overhead. The

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.

