

IEEE 802.3 Ethernet Working Group  
**DRAFT** Liaison Communication

Source: IEEE 802.3 Working Group<sup>1</sup>

To: Glenn Parsons Chairman, ITU-T Study Group 15  
[REDACTED]  
Hiroshi Ota ITU-T SG15 Advisor  
[REDACTED]  
Steve Gorshe Rapporteur, ITU-T Q11/15  
[REDACTED]  
Bert Klaps Associate Rapporteur, ITU-T Q11/15  
[REDACTED]

CC: Konstantinos Karachalios Secretary, IEEE-SA Standards Board  
Secretary, IEEE-SA Board of Governors  
[REDACTED]  
Paul Nikolich Chair, IEEE 802 LMSC  
[REDACTED]  
Adam Healey Vice-chair, IEEE 802.3 Ethernet Working Group  
[REDACTED]  
Jon Lewis Secretary, IEEE 802.3 Ethernet Working Group  
[REDACTED]  
John D'Ambrosia Chair, IEEE P802.3df Task Force  
[REDACTED]  
Mark Nowell Vice Chair, IEEE P802.3df Task Force  
[REDACTED]

From: David Law Chair, IEEE 802.3 Ethernet Working Group  
[REDACTED]

Subject: Liaison reply to Liaison SG15-LS42, "LS/o/r on the OTN mapping reference point for 800GBASE-R (reply to IEEE802.3 Ethernet WG-LS117)" dated 13-17 Feb 2023

Approval: Agreed to at IEEE 802.3 interim electronic meeting, 19 January 2023

Dear Mr. Parsons and members of ITU-T SG15,

The P802.3df Task Force would like to thank you for confirmation of the OTN mapping reference point.

At the IEEE 802 March 2023 Plenary, the IEEE P802.3df draft (D2.0) was approved to proceed to the next stage of balloting, known as "Working Group Ballot." We are happy to provide you with the current copy of IEEE P802.3df draft D2.0.

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<sup>1</sup> 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.

Additionally, the IEEE P802.3dj Task Force met at the March 2023 Plenary and continued its baseline selection process. Meeting materials may be found at [https://www.ieee802.org/3/dj/public/23\\_03/index.html](https://www.ieee802.org/3/dj/public/23_03/index.html).

The project objectives were updated, and may be found at [https://www.ieee802.org/3/dj/projdoc/objectives\\_P802d3dj\\_230316.pdf](https://www.ieee802.org/3/dj/projdoc/objectives_P802d3dj_230316.pdf). Please note that the following objective:

"Define a physical layer specification that supports 800 Gb/s operation over a single SMF in each direction with lengths up to at least 10 km,"

was replaced with two new objectives:

"Define a physical layer specification that supports 800 Gb/s operation over 1 wavelength over a single SMF in each direction with lengths up to at least 10 km"

"Define a physical layer specification that supports 800 Gb/s operation over 4 wavelengths over a single SMF in each direction with lengths up to at least 10 km"

We look forward to the continued collaboration between our two groups. Individuals interested in participating in the work of the P802.3df Task Force may find further information at <https://www.ieee802.org/3/df/index.html>. Individuals interested in participating in the work of the P802.3dj Task Force may find further information at <https://www.ieee802.org/3/dj/index.html>.

Sincerely,

David Law

Chair, IEEE 802.3 Ethernet Working Group