



Question(s): 2/15

Geneva, 19-30 September 2022

LS

Source: ITU-T Study Group 15

Title: LS on 100-Gbit/s bidirectional, single-fibre, point-to-point optical access system

LIAISON STATEMENT

For action to: IEEE 802.3 Working Group

For information to:

Approval: ITU-T SG15 meeting (30 September 2022)

Deadline: 30 November 2022

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Abstract: This liaison shares the status of ongoing work for 100-Gbit/s bidirectional, single-fibre, point-to-point optical access systems in ITU-T, and asks feedback from IEEE 802.3 Working Group.

Dear Mr. Law,

Q2/15 is working on the draft Amendment 3 of ITU-T G.9806, "Higher speed bidirectional, single fibre, point-to-point optical access system (HS-PtP)," to include the PHY/PMD, TC, and management layer specifications of 100 Gbit/s bidirectional point-to-point access (BiDi PtP) with the target to consent it in April 2023.

Recently, the Q2/15 group also started an adhoc group to progress G.9806Am3. We would like to invite IEEE802.3 members to join in this effort. Please contact the adhoc group Chair, Hirotaka Nakamura [REDACTED], if you are interested.

We anticipate that IEEE 802.3 will develop PHYs for 100-Gbit/s BiDi PtP as well. We hope to cooperate on aligning the specification between IEEE and ITU-T as we did for PHYs of 10 Gbit/s, 25 Gbit/s and 50 Gbit/s BiDi PtPs.

We attach the latest draft Amendment 3 of ITU-T G.9806. We would appreciate if it is reviewed among the IEEE 802.3 experts, and any feedbacks are provided as a liaison back to us.

Attachment: Latest draft Amendment 3 of ITU-T G.9806 (SG15-TD14R1/WP1)

