IEEE 802.3 Ethernet Working Group Liaison Communication

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Subject: Liaison Reply to ITU-T Study Group 15 from IEEE 802.3 – OTNT Standardization Work Plan

Approval: Agreed to at IEEE 802.3 Plenary meeting, 20th March 2014, Beijing, China.

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

The IEEE 802.3 Ethernet Working Group thanks ITU-T Study Group 15 for your liaison and the opportunity to review and comment on the "Optical Transport Networks & Technologies Standardization Work Plan" from your July 2013 meeting. We have reviewed the OTNT Plan content in consideration of the standardization activities in progress within the IEEE 802.3 Working Group and have the following comments:

- Clause 5.5.1.2: change 1000BASE-PX10/PX20 to 1000BASE-PX10/PX20/PX30/PX40 and after 10GBASE-PR/PRX add 10/20/30/40, then further on in the sentence "are defined in IEEE Std 802.3-2012 and IEEE Std 802.3bk-2013 …".

- Clause 5.5.1.10 should be updated to reflect the full set of currently in-force standards and active task forces and study groups within IEEE 802.3 as detailed below.

IEEE802.3 Working Group would like to inform you of the following standards are now published:

• The integrated IEEE Std 802.3-2012 – IEEE Standard for Ethernet.

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[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.

- The IEEE Std 802.3.1-2013 - IEEE Standard for Management Information Base (MIB) Definitions for Ethernet.

- The IEEE Std 802.3bk-2013 - IEEE Standard for Ethernet-Amendment 1: Physical Layer Specifications and Management Parameters for Extended Ethernet Passive Optical Networks.

The following projects are currently active within the IEEE802.3 Working Group:

- The 400Gb/s Ethernet project documentation was approved by the IEEE 802.3 Working Group and IEEE 802 Sponsor Executive Committee, pending approval by the standards board. If approved, the 400Gb/s Ethernet Task Force will be formed.

- IEEE P802.3bj (100 Gb/s Backplane and Copper Cable Task Force) has entered the sponsor ballot phase and expected approval in June 2014.

- The IEEE P802.3bm Next Generation 40 Gb/s and 100 Gb/s Optical Ethernet task force has entered the Working Group Ballot phase.

- The IEEE P802.3bn EPON over Coax PHY task force is in the proposal selection phase.

- The IEEE P802.3bp Reduced Twisted Pair Gigabit Ethernet (RTPGE) task force is in the proposal selection phase.

- The IEEE P802.3bq 40GBASE-T task force is in the proposal selection phase.

- The IEEE P802.3br Interspersing Express Traffic task force has been formed and is currently in the proposal selection phase.

- The IEEE P802.3bt DTE power via MDI over 4-Pair task force is in the proposal selection phase.

- The IEEE P802.3bu 1-Pair Power over Data Lines (PoDL) task force has been formed and is currently in the proposal selection phase.

- The IEEE 802.3 Industry Connections Next Generation EPON (NG-EPON) Ad Hoc was formed.

- A new IEEE 802.3 Gigabit Plastic Optical Fibre (POF) study group has been formed after a successful "Call for Interest" at our March 2014 plenary meeting.

- A new IEEE 802.3 100 Mb/s operation over a single twisted pair study group has been formed after a successful "Call for Interest" at our March 2014 plenary meeting.

We wish to thank the leadership and members of ITU-T SG15 for the opportunity to coordinate references to our work programs and we look forward to continuing cooperation with ITU-T SG15 in the future.

Sincerely,

David Law

Chair, IEEE 802.3 Ethernet Working Group