

## IEEE 802.3 Ethernet Working Group Liaison Communication

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

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Subject: Liaison Response to ITU-T Study Group 15 from IEEE 802.3 on Access Network Transport (ANT) Standards Overview and Work Plan

Approval: Agreed to at IEEE 802.3 Interim meeting, New Orleans, LA, USA, 25<sup>th</sup> May 2017

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

Following the liaison exchange between our groups on the topic of Access Network Transport (ANT) Standardization Work Plan in September 2016, we would like to update you on the activities within the IEEE 802.3 Working Group, which might be of interest to SG15.

Since our last communication, there were a number of changes in the status of access-related projects within the IEEE 802.3 Working Group:

- The IEEE P802.3bv Gigabit Ethernet over Plastic Optical Fiber (GPOF) Task Force completed its work on the specification of a PHY for 1000 Mb/s operation over plastic optical fibers (POF). The draft standard was approved as a standard by the IEEE Standards Association Standards Board (SASB) on the 14<sup>th</sup> February 2017, and subsequently published on the 14<sup>th</sup> March 2017.

More information about the IEEE P802.3bv Task Force can be found at the following URL: <<http://www.ieee802.org/3/bv/index.html>>, including the Project

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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.

Authorization Request (PAR), IEEE 802.3 Criteria for Standards Development (i.e., 5 Criteria) responses and Objectives for this project. The published standard will be available from IEEE Get Program website at the following URL: <<http://standards.ieee.org/about/get/802/802.3.html>>

- The IEEE P802.3ca 100G-EPON Task Force continues the development of the draft standard for Physical Layer Specifications and Management Parameters for 25 Gb/s, 50 Gb/s, and 100 Gb/s Ethernet Passive Optical Networks. The Task Force is in the process of selecting the baseline proposals, with the Task Force review phase expected to start in July 2017.

More information about the IEEE P802.3ca Task Force can be found at the following URL: <<http://ieee802.org/3/ca/index.html>>, including the PAR, CSD, and Objectives for this project. The draft standard for this Task Force is stored in the private area.

- The IEEE P802.3.2 (IEEE 802.3cf) YANG Data Model(s) Task Force continues the development of the draft standard for YANG data models for:
  - Selected MAC/RS and PHYs,
  - Multi-Point Control Protocol (MPCP),
  - DTE Power via Medium Dependent Interface (MDI), and
  - Operations, Administration, and Maintenance (OAM).

These YANG data models will also be published in a machine-readable format.

More information about the IEEE P802.3.2 (IEEE 802.3cf) Task Force, including the PAR, CSD, and Objectives, can be found at the following URL: <<http://www.ieee802.org/3/YANG/index.html>>. The draft standard for this Task Force is stored in the private area.

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 such continuing cooperation with ITU-T SG15 in the future.

Sincerely,

David J. Law

Chair, IEEE 802.3 Ethernet Working Group