IEEE 802.3 Ethernet Working Group
Liaison Communication

Source: IEEE 802.3 Working Group[1]

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Subject: Liaison response to ITU-T Study Group 15 from IEEE 802.3 on ANT standardization work plan

Approval: Agreed to at IEEE 802.3 Interim meeting, Fort Worth, TX, USA, 15th Sept 2016

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

Following the liaison exchange between our groups on the topic of the Access Network Transport (ANT) Standardization Work Plan in March 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 have been a number of changes in the status of access-related projects within the IEEE 802.3 Working Group:

The IEEE P802.3bn EPON Protocol over Coax (EPoC) Task Force completed its work on the development of a PHY for the operation of EPON protocols over coaxial distribution networks. The draft standard has been submitted for review by the IEEE Standards

[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.

Association Standards Board (SASB) for their meeting on 22nd September 2016, at which time it is anticipated to be approved for publication as a standard.

More information about the IEEE P802.3bn Task Force can be found at the following URL: http://www.ieee802.org/3/bn/index.html, including the Project Authorization Request (PAR), IEEE 802.3 Criteria for Standards Development (i.e., 5 Criteria) responses and Objectives for this project.

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 Working Group ballot 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.

With the approvals by IEEE 802.3 Working Group and IEEE 802 Executive Committee, the IEEE 802.3 YANG Data Model(s) Study Group has completed its charter to develop the PAR, CSD, and Objectives. The approval by the IEEE SASB is anticipated on 22nd September 2016.

The anticipated IEEE P802.3.2 (IEEE 802.3cf) YANG Data Model(s) Task Force will focus on development of a 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.

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