IEEE 802.3 Ethernet Working Group
Liaison Communication

Source: IEEE 802.3 Working Group[1]

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From:		
	David Law	Chair, IEEE 802.3 Ethernet Working Group
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Subject: Liaison reply to ITU-T SG15: ANT Standardization Work Plan

Approval: Agreed at IEEE 802.3 plenary meeting, Atlanta, GA, USA, 16 March 2023

Dear Mr Parsons and members of ITU-T SG15,

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

- The IEEE P802.3cx Task Force has completed its technical work on the development of optional enhancements to Ethernet support for time synchronization protocols to provide improved timestamp accuracy in support of ITU-T Recommendation G.8273.2 'Class C' and 'Class D' system time error performance requirements with the recent approval of the amendment IEEE Std 802.3cx-2023 Standard for Ethernet Amendment 6: Media Access Control (MAC) Service Interface and Management Parameters to Support Improved

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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.

Precision Time Protocol (PTP) Timestamping Accuracy. This amendment to IEEE Std 802.3-2022 is currently on track to be published in 2023.

More information about the IEEE P802.3cx Task Force, including the PAR, CSD, and Objectives, can be found at the following URL: http://www.ieee802.org/3/cx/index.html.

- The IEEE P802.3dk Task Force started its technical work on the development of higher speed bidirectional fiber access links exceeding the capacity supported by the IEEE Std 802.3cp. There is no technical draft available at this time.

More information about the IEEE P802.3dk Task Force, including the PAR, CSD, and Objectives, can be found at the following URL: https://www.ieee802.org/3/dk/index.html.

Two new projects were approved, targeting updates to Structure of Management Information version 2 (SMIv2) MIB module specifications for IEEE Std 802.3 Ethernet and associated managed object branch and leaf assignments used in the variable descriptors in IEEE Std 802.3 Variable Request operations, administration, and maintenance protocol data unit (OAMPDU) under the project IEEE P802.3.1; and updates to YANG data models for IEEE Std 802.3 Ethernet under the project IEEE P802.3.2.

More information about these two projects can be found at the following URLs: https://ieee802.org/3/1/b/index.html and https://ieee802.org/3/2/a/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 Law
Chair, IEEE 802.3 Ethernet Working Group