

IEEE 802.3 Ethernet Working Group
DRAFT Liaison Communication

Source: IEEE 802.3 Working Group¹

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From: David Law Chair, IEEE 802.3 Ethernet Working Group
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Subject: Liaison to ITU-T SG 15, Status of IEEE P802.3cw Project

Approval: Agreed to at IEEE 802.3 plenary electronic meeting, 18 Nov 2021

Dear Mr. Trowbridge and Members of ITU-T SG15,

We would like to provide an update on the status of the IEEE P802.3cw project to the members of the ITU-T SG15:

- Based on the progress of the project, a new project timeline was adopted by the Task Force at its 27 September 2021 teleconference. The new timeline may be found at https://www.ieee802.org/3/cw/proj_doc/timeline_3cw_210927.pdf. The new target date for ratification of the IEEE P802.3cw standard is August 2023.
- Based on the recommendation of the EVM Ad Hoc, the Task Force approved updating the EVM measurement methodology defined by Slides 5-9 of http://ieee802.org/3/ct/public/20_01/pittala_3ct_01a_0120.pdf to enable correlation for the definition of a transmitter metric. The new adopted EVM measurement

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.

methodology can be found at

https://www.ieee802.org/3/cw/tools/EVMTQM_211025.pdf.

- Given the importance of EVM data for validating the use of EVM for 400 Gb/s 16-QAM signaling, we wish to inform you that new EVM data was presented to the IEEE P802.3cw Task Force at the IEEE P802.3cw 15 November 2021 Plenary electronic meeting. This presentation may be found at the webpage for the meeting - https://www.ieee802.org/3/cw/public/21_11/index.html.
- The IEEE P802.3cw project has completed its consideration of comments submitted during the third task force review against D1.2. Based on the resolution of these comments, D1.3 has been released, and the fourth task force review began on [date_open] and will close on [date_close]. We are happy to provide you with the current copy of IEEE P802.3cw D1.3. We request that this be shared only with your membership.

We would appreciate any input that ITU-T SG15 may have relevant to the IEEE P802.3cw project and look forward to the future collaborations between our two groups.

Sincerely,

David Law

Chair, IEEE 802.3 Ethernet Working Group