

## IEEE 802.3 Ethernet Working Group Liaison Communication

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

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From: David Law Chair, IEEE 802.3 Ethernet Working Group  
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Subject: Liaison to ITU-T SG15, Status of IEEE P802.3cw Project

Approval: Agreed to at IEEE 802.3 plenary teleconference meeting, 18 November 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](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](http://ieee802.org/3/ct/public/20_01/pittala_3ct_01a_0120.pdf) to enable correlation for

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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.

the definition of a transmitter metric. The new adopted EVM measurement methodology can be found at [https://www.ieee802.org/3/cw/tools/EVMTQM\\_211025.pdf](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](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 11 December 2021 and will close on 5 January 2022 at 23:59 UTC-12. We are happy to provide you with the current copy of IEEE P802.3cw D1.3.

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