

IEEE 802.3 Ethernet Working Group
LMSC REVIEW DRAFT Liaison Communication

Source: IEEE 802.3 Working Group¹

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Subject: IEEE 802.3 Ethernet Metadata Services (EMS) Study Group

Approval Agreed at IEEE 802.3 Plenary meeting, Madrid, Spain, 31 July 2025

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.

Dear Colleagues,

Recently the AI/ML/HPC market has been identifying new extensions to Ethernet that provide capabilities such as retry for lost frames and new, richer, flow control functionality. To address this demand, at the IEEE 802.3 July 2025 Plenary, the IEEE 802.3 Ethernet Working Group approved the formation of the IEEE 802.3 Ethernet Metadata Services (EMS) Study Group. For information about the activity, see <ADD URL>.

The IEEE 802.3 EMS Study Group has been chartered to develop a Project Authorisation Request (PAR) and supporting Criteria for Standards Development (CSD) to address adding a common approach to support per-frame and frame-independent metadata services to IEEE 802.3 Ethernet. The Study Group will begin this task at the IEEE 802.3 September 2025 Interim Meeting in Minneapolis, MN, USA. For more information, see <<https://www.ieee802.org/3/interims/index.html>>. Please note that this effort is open to all individuals wishing to participate.

IEEE 802.3 looks forward to any information that your respective organization would be willing to share with IEEE 802.3. If you have any questions, please feel free to contact David Ofelt, Chair Pro Tem, IEEE 802.3 EMS Study Group, who is cc'd on this liaison.

Sincerely,
David Law
Chair, IEEE 802.3 Ethernet Working Group