

IEEE 802.3 New Ethernet Applications (NEA) Ad Hoc Opening Report

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IEEE 802.3 NEA Ad hoc

- Ad hoc Organization

 - Jon Lewis, IEEE 802.3 NEA Ad Hoc Chair

 - John D'Ambrosia, IEEE 802.3 NEA Ad Hoc Vice-Chair

- Ad hoc Web and Reflector Information

 - Home Page - http://www.ieee802.org/3/ad_hoc/ngrates/index.html

 - Reflector Information – http://www.ieee802.org/3/ad_hoc/ngrates/reflector.html

 - Approved ICAID – http://www.ieee802.org/3/ad_hoc/ngrates/IC15-005-802d3_NEA_ICAID_approved_051218.pdf

 - NEA Ad hoc Calls - https://www.ieee802.org/3/ad_hoc/ngrates/public/calls/index.html

Meetings

 - Jan 2026 Interim – Joint meeting with IEEE 802 Nendica

 - Liaison from UEC

 - Response to UEC (cc – ITU-T, OIF, UALink, OCP) - E4AI “Header Compression” Workshop

 - Technical presentations related to “MAC Frame Size Topics”

 - 18 Feb 2026 teleconference - https://www.ieee802.org/3/ad_hoc/ngrates/public/calls/26_0218/index.html

 - IEEE 802.3 NEA – 10BASE-T1S Differentiated Services

“Ethernet for AI” Assessment

An assessment of "Ethernet Interconnect for AI" with an emphasis on beyond 200 Gb/s signaling.

Activity Chair – John D’Ambrosia

Additional Support from Kent Lusted and Mark Nowell

Website - https://www.ieee802.org/3/ad_hoc/E4AI/index.html

Reflector - https://www.ieee802.org/3/ad_hoc/E4AI/reflector.html

Meetings - [IEEE 802.3 NEA Ethernet for AI Assessment Public Area](#)

IEEE 802.3 Jan 2026 Interim – Consensus Building 400Gb/s per lane CFI

19 Feb 2026 - Consensus Building 400Gb/s per lane CFI / additional technical presentations

24 Feb 2026 – “Fiber for AI” Workshop

High Level Summary

Support for 400 Gb/s Per Lane CFI

Continued efforts exploring topics related to future Ethernet activity related to AI

Future activities

“Header Compression” Workshop Organization

23 Apr 2026 Electronic Meeting, 10am to 2pm ET

Responses from leadership @ UEC and OCP indicate participation

This Week

- Not meeting this week.
- Future meetings will be announced on the reflector and meeting coordinates will be posted on the [IEEE 802.3 Call and Meeting Calendar](#)

Questions?

Thank you!