

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

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IEEE 802.3 NEA Ad hoc

- Task Force Organization

John D'Ambrosia, IEEE 802.3 NEA Ad Hoc Chair

Jon Lewis, IEEE 802.3 NEA Ad Hoc Vice-Chair

- Task Force 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

Activities Since Mar 2019 Plenary

- IEEE 802.3 May Interim http://www.ieee802.org/3/ad_hoc/ngrates/public/19_05/index.html
 - CFI Consensus – Automotive Optical Multigig – Carlos Pardo
 - CFI Consensus - Improving PTP Timestamping Accuracy on Ethernet Interfaces
 - CFI Consensus – CFI for 10SPE Multidrop Enhancements
 - Liaison – ODCC, RE: Next Generation Ethernet Connections for Datacenter Networks
- Teleconferences
 - Automotive Optical Multigig
 - 15 Apr 2019 (2 calls), http://www.ieee802.org/3/ad_hoc/ngrates/public/calls/19_0415/index.html
 - PTP Timestamping Clarifications
 - 16 Apr 2019, http://www.ieee802.org/3/ad_hoc/ngrates/public/calls/19_0416/index.html
 - 02 Jul 2019, http://www.ieee802.org/3/ad_hoc/ngrates/public/calls/19_0702/index.html
 - Bandwidth Assessment http://www.ieee802.org/3/ad_hoc/bwa2/public/calls/index.html
 - 02 Apr 2019, Future EPON Bandwidth Needs (Laubach), Trends in Automotive Networks (Carlson)
 - 09 Apr 2019, Traffic Growth in Telecom Networks and Mega DataCenters (Kozlov)
 - 11 Jun 2019, Available Industry Data (D'Ambrosia)
 - 24 Jun 2019, Cisco VNI Forecast Update (Nowell)
 - 09 Jul 2019, The European IXP Scene (Dietzel)

Activities This Week

➤ None

New Activity Announcement

Contact: Robert Lingle

Topic: Lower cost, short-reach, optical interconnects based on 100 Gb/s wavelengths

Description: To seek inputs for a CFI presentation aimed at high volume, short-reach applications, such as 100 Gb/s server-attachment beyond-the-rack, where compact cabling and lower cost & power transceivers are beneficial.

Teleconference Meeting

July 30, 2019

10am to noon, ET

Webex Information / Webpage Update coming

Ethernet Bandwidth Assessment – Tentative Calls

August 20, 2019, 10am to 11am

Review of Networks in PeeringDB –

Freely available, user-maintained, database of networks

John D'Ambrosia

Sept 24, 2019, 10am to 11am

“Switching, Routing, and Server 5-Year Forecast”

Dell'Oro to provide data / slides to IEEE 802.3 NEA for review

Questions?

Thank you!