

IEEE 802.3 EMS Study Group Meeting

Unapproved Meeting Minutes, prepared by Gary Nicholl

16 September 2025

Location: Minneapolis, MN, USA

IEEE P802.3 EMS Study Group

September 2025 Meeting Study Group Page - https://www.ieee802.org/3/EMS/public/25_09/index.html

Session called to order at 08:09 a.m. Central Daylight Time (CDT) by David Law, IEEE 802.3 Working Group Chair.

David Law, IEEE 802.3 Working Group Chair, appointed Gary Nicholl to be the Recording Secretary for the meeting.

Prior to motion #1, Chair asked if there would be opposition to attempt the vote by unanimous consent. No one responded.

Motion #1

Motion	Move to confirm David Ofelt as IEEE 802.3 EMS Study Group Chair.
M	Eugene Opsasnick
S:	Jeff Slavick
Technical (>= 75%)	
All (y/n/a)	
Results	Approved by unanimous consent

David Law passed the meeting chair responsibilities to John D'Ambrosia, Acting Chair for the EMS Study Group.

Chair reminded participants to declare their name and affiliation in the online meeting tool. Failure to declare would result in expulsion from the meeting.

Chair reminded participants that participation in the September 2025 meeting requires registration or payment of registration fee. The meeting will count towards IEEE 802.3 Working Group voting membership. (see Agenda slide #1).

If participants are not eligible to sign in to IMAT to claim attendance credit, please send an email to the Task Force Chair and Recording Secretary to be recorded in the minutes as an attendee.

Chair noted that an updated version of the Agenda slides will be uploaded as "ems_c".

Agenda:

Title	Agenda and General Information
Presenters	John D'Ambrosia
URL	https://www.ieee802.org/3/EMS/public/25_09/agenda_ems_c_2509.pdf

Chair reminded everyone of the consequences of “Non-payment of registration fees (See Slide #3).

Chair reviewed the agenda (Slide #4). Chair noted that individuals should check the webpage for the latest version of each presentation. Chair noted that all of the presentation times were subject to change.

Chair asked if there were any objections to the agenda. There were no objections. The chair ruled that the agenda was approved by unanimous consent.

Chair noted that there were ad hoc meeting minutes to approve (see slide #5)

- IEEE 802.3 EMS Study Group Ad hoc Meeting, 03 Sept 2025
 - https://www.ieee802.org/3/EMS/public/25_0903/minutes_ems_250903_unapproved.pdf

The recording secretary noted that the first line of the posted ad-hoc minutes should be changed from “IEEE P802.3dt Study Group – Ad hoc meeting” to “IEEE 802.3 EMS Study Group – Ad hoc meeting”.

Chair asked if there were any other corrections or modifications to the posted minutes beyond the changes noted by the recording secretary. No one responded. Chair asked if there were any objections to approving the minutes with the noted changes. There were none, and the minutes were considered approved by unanimous consent.

Chair reviewed meeting decorum. (See Slide #6-8) Chair asked if there were any members of the press present. No one responded.

Chair reviewed the goals for the session (see slide #9).

Chair reviewed the organization structure / study group information for the IEEE 802.3 EMS SG. (See Slides #10-11).

Chair reviewed study group process related issues. (See Slides #12-14).

Chair reviewed ground rules and important bylaws, rules and references (See Slide #15-16).

Chair reviewed voting in the study group (See slide #17). Chair noted that the straw polls would use the online meeting tool. Motions not having unanimous consent will require a roll call vote. Chair noted that he reserved the right to take informative straw polls by 802.3 WG voting membership.

Chair reviewed the updated membership and attendance recording requirements (See slide #18-19). Chair noted that he would be reporting individuals signing into IMAT that did not meet the eligibility requirements.

Slide #20 - Chair noted that the information regarding the IEEE SA Policies had been sent out via the Task Force reflector , and requested that individuals review the following IEEE SA policies prior to the interim meeting –

- IEEE SA Patent policy
- IEEE SA Copyright Policy
- IEEE SA Participation Policy and IEEE Code of Ethics

Chair asked if anyone needed to review the policies at that time – there were no requests to do so from in-person nor remote attendees.

Chair presented the pre-PAR patent policy slide (See Slide #26).

Chair presented the first slide of the IEEE SA Copyright Policy slides (See Slide #28). Chair noted – “By participating in this activity, you agree to comply with the IEEE Code of Ethics, all applicable laws, and all IEEE policies and procedures including, but not limited to, the IEEE SA Copyright Policy.”

Chair reminded participants of the IEEE Code of Ethics and Conduct (See Slide #30). He noted “All participants in IEEE-SA activities are expected to adhere to the core principles underlying the IEEE Code of Ethics and IEEE Code of Conduct”.

Chair presented the IEEE SA Participation Policy slides (See Slide #31). Chair noted – “Participants in the IEEE-SA “individual process” shall act independently of others, including employers. By participating in standards activities using the “individual process”, you are deemed to accept these requirements; if you are unable to satisfy these requirements then you shall immediately cease any participation.”

Chair reviewed the IEEE 802.3 EMS Study Group Ad hoc Report (See Slide #21).

Chair reminded participants to sign into IMAT to record their attendance in the meeting.

Presentation #1:

Title	Proposed Objectives
Presenters	David Law
URL	https://www.ieee802.org/3/EMS/public/25_09/ofelt_ems_01_2509.pdf

Questions were asked and answered.

Presentation #2:

Title	Proposed PAR Responses
Presenters	Gary Nicholl
URL	https://www.ieee802.org/3/EMS/public/25_09/dambrosia_ems_01b_2509.pdf

Questions were asked and answered.

9:12 am. John D'Ambrosia passed the meeting chair responsibilities to Gary Nicholl.

Presentation #3:

Title	Proposed CSD responses for EMS Study Group
Presenters	John D'Ambrosia
URL	https://www.ieee802.org/3/EMS/public/25_09/nowell_ems_01_2509.pdf

Questions were asked and answered.

9:25 am. Gary Nicholl passed the meeting chair responsibilities back to John D’ambrosia.

Review / editing of the draft project documentation began at 9:28am.

Chair noted that the proposed objectives would be saved as “draft_objectives_ems_2509.pdf”

Chair noted that the proposed CSD responses would be saved as “draft_CSD_ems_2509.pdf”

Chair noted that the proposed PAR responses would be entered into the Myproject system so the group could review the actual PAR submission, and that would be saved as “Draft_P802.3dt_2509.pdf”

Break

Break at 10:12 am. Resumed at 10:35 am..

Chair reminded participants to sign into IMAT to record their attendance in the meeting.

Straw Poll #1:

I would be interested in EMS supporting Ethernet Physical layers that operate at MAC data rates of 50 Gb/s and above.

Results: Yes: 5, No: 10, Abstain: 6

Based on the results of Straw Poll #1, the Chair provided guidance to the study group on potential options/paths for moving forward (i.e. “path to success”).

Prior to motion #2, Chair asked if there would be opposition to attempt the vote by unanimous consent. No one responded.

Motion #2	Move to adopt: <ul style="list-style-type: none">• The objectives in draft_objectives_ems_2509.pdf.• The CSD “Managed Objects”, “Coexistence”, “Broad Market Potential”, “Compatibility”, “Distinct Identity”, “Technical Feasibility”, and “Economic Feasibility” responses, as per draft_CSD_ems_2509.pdf.
M	Jeff Slavick
S:	Eugene Opsasnick
Technical (>= 75%)	
All (y/n/a)	
Results	Passed by unanimous consent. 11:38 am.

Prior to motion #3, Chair asked if there would be opposition to attempt the vote by unanimous consent. No one responded.

Motion	Move to adopt: <ul style="list-style-type: none"> The PAR responses in Draft_P802.3dt_2509.pdf.
M	Mabud Choudhury
S:	Jeff Slavick
Technical (>= 75%)	
All (y/n/a)	
Results	Passed by unanimous consent. 12:03 pm.

Chair reminded participants to sign into IMAT to record their attendance in the meeting.

Chair made closing remarks and thanked everyone for all their work.

Meeting adjourned 12:09 pm.

Attendees (per IMAT):

Name	Employer	Affiliation
Chen, Yuanjie		Marvell Semiconductor, Inc.
Choudhury, Golam	Lightera	Lightera
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Subsidiary of Huawei
de Koos, Andras	Microchip Technology Inc	Microchip Technology Inc
Estes, David	Spirent Communications	Spirent Communications
Irwin, Scott	MoSys, Inc.	ADTRAN Inc.
Law, David	Hewlett Packard Enterprise	Hewlett Packard Enterprise
Malicoat, David	Malicoat Networking Solutions	Malicoat Networking Solutions; SENKO Advanced Components
Mascitto, Marco	Infinera Canada Inc.	Nokia
Muller, Shimon	Enfabrica Corp.	Enfabrica
Nicholl, Gary	Cisco Systems, Inc.	Cisco Systems, Inc.
Nicholl, Shawn	Advanced Micro Devices (AMD)	Advanced Micro Devices (AMD)

Ofelt, David	Juniper Networks, Inc.	Juniper Networks, Inc.
Opsasnick, Eugene	Broadcom Inc.	Broadcom Inc.
Parkholm, Ulf	Telefon AB LM Ericsson	Ericsson AB
Pepper, Gerald	Keysight Technologies	Keysight Technologies
Royer, Tyler	SENKO Advanced Components	Senko Advanced Components
Shaaban, Mohamed		Siemens
Shah, Anup	Siemens Corporation	Siemens EDA
She, Qingya	Fujitsu Network Communications	1FINITY
Shrikhande, Kapil	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Slavick, Jeff	Broadcom Inc	Broadcom Inc
Tan, Yuxuan	Motorcomm	Motorcomm
Torres, Luisma	Knowledge Development for POF SL	KD
Tran, Viet	Keysight Technologies	Keysight Technologies
XU, LI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd