

## Meeting Minutes: IEEE P802.3da Task Force

March 11 – 12 2025 Plenary Mixed-mode Session

Prepared by Peter Jones

All times in US EST

The IEEE P802.3da Task Force meeting was convened at 1:17pm March 11 by the Task Force chair, Chad Jones.

The meeting was held in person and electronically, attendance is listed in Appendix A.

All presentations referenced in these minutes are located on the Task Force Meeting Materials site under the public page for this meeting:

<https://www.ieee802.org/3/da/public/0325/index.html>

Mr Jones displayed and proceeded to review the agenda in

[https://www.ieee802.org/3/da/public/0325/8023da\\_agenda\\_0325.pdf](https://www.ieee802.org/3/da/public/0325/8023da_agenda_0325.pdf) .

The agenda was approved at 1:18pm by unanimous consent.

Mr Jones resumed review of the agenda deck, including the following items:

- The participation policy
- The IEEE SA Copyright Policy
- The IEEE SA policy on dominance
- The IEEE SA Standards process.

### Goals for the Meeting

- Progress the draft.

**Members of the Press**, Mr Jones asked for any press members to identify themselves. None heard.

**Attendance**, Mr Jones advised the group that the attendance would be taken from Webex and IMAT.

**IEEE SA Patent Policy**, Mr Jones read aloud the patent slides. The call for patents was made at 1:25pm and none responded.

Mr Jones resumed review of the agenda deck material after the call for patents.

**Mr Jones completed review of the agenda deck at 1:30pm.**

At 1:31pm the following minutes were approved by unanimous consent:

DA/DG joint meeting 20 - 22 January 2025:

[https://www.ieee802.org/3/da/public/0125/spmd\\_TF\\_minutes\\_00\\_012025\\_03.pdf](https://www.ieee802.org/3/da/public/0125/spmd_TF_minutes_00_012025_03.pdf)

DA January 2025 Telephonic Off-Cycle Interim Meeting

[https://www.ieee802.org/3/da/public/011425/spmd\\_TF\\_minutes\\_00\\_011425.pdf](https://www.ieee802.org/3/da/public/011425/spmd_TF_minutes_00_011425.pdf)

Mr Jones moved on to the work of the meeting. Unless otherwise stated, all presentations included Q&A/discussions.

At 1:32pm Ms Maguire and Mr Zimmerman presented the 802.3da Editors report available at [https://www.ieee802.org/3/da/public/0325/zimmerman\\_maguire\\_3da\\_01\\_030525.pdf](https://www.ieee802.org/3/da/public/0325/zimmerman_maguire_3da_01_030525.pdf).

### **Motion #1 – 1:46pm**

Move to consider 6 comments submitted after the ballot close (ID's 118-123), marked with topic "Late" in 802.3da\_draft2p1\_Proposed Remedies\_By Comment ID.pdf

M: Valerie Maguire

S: George Zimmerman

(Technical  $\geq 75\%$ )

Motion passes by unanimous consent.

**802.3da Comment Resolution** began at 1:48pm led by Mr Zimmerman

Draft and comment files are available at <https://www.ieee802.org/3/da/private/index.html> and <https://www.ieee802.org/3/da/comments/index.html> respectively.

CRG began the following topics at:

- POWER: 1:48pm
- LLDP: 2:15pm
- MANAGEMENT: 2:28pm
- PLCA: 2:40pm
- D-PLCA: 2:52pm

The following presentations and documents were reviewed during comment resolution:

#### **Type 0 Power Parameter Updates**

(Presented by Michael Paul, Analog Devices, Inc.)

- [https://www.ieee802.org/3/da/public/0325/mpaul\\_da\\_02\\_20250310\\_v0.pdf](https://www.ieee802.org/3/da/public/0325/mpaul_da_02_20250310_v0.pdf)
- Presentation began at 1:49pm.

#### **Comment 65. LLDP for MPoE proposal**

(Presented by George Zimmerman, CME Consulting, Inc.)

- [https://www.ieee802.org/3/da/public/0325/jones\\_3da\\_01\\_lldp\\_mpoe\\_proposal\\_v2.2a.pdf](https://www.ieee802.org/3/da/public/0325/jones_3da_01_lldp_mpoe_proposal_v2.2a.pdf)
- Presentation began at 2:15pm.

#### **Comment 64, MPoE measurement control and reporting proposal**

(Presented by George Zimmerman, CME Consulting, Inc.)

- [https://www.ieee802.org/3/da/public/0325/jones\\_3da\\_01\\_mpoe\\_measurement\\_proposal\\_v2.3a.pdf](https://www.ieee802.org/3/da/public/0325/jones_3da_01_mpoe_measurement_proposal_v2.3a.pdf)
- Presentation began at 2:28PM.

**Comment 106, picture 12**

(Presented by David Law, David Law)

- [https://www.ieee802.org/3/da/public/0325/excess\\_defer\\_2\\_230225\\_Law.jpg](https://www.ieee802.org/3/da/public/0325/excess_defer_2_230225_Law.jpg)
- Presentation began at 3:03pm.

**Meeting break at 3:14pm, will resume at 3:30pm.**

**Meeting resumed at 3:33pm.**

CRG resumed with D-PLCA.

CRG began the following topics at:

- Editorial: 3:44pm
- Isolation: 4:28pm
- Late: 4:33pm
- Mixing Segment: 5:12pm
- MPD: 5:27pm
- MPSE: 5:43pm
- PCS: 5:57pm

The following presentations and documents were reviewed during comment resolution:

**Comment #79**

(Presented by Tim Bagget, Microchip)

- [https://www.ieee802.org/3/da/public/0325/tbaggett\\_D2p1\\_comment79\\_dplca\\_aging\\_text\\_v1.pdf](https://www.ieee802.org/3/da/public/0325/tbaggett_D2p1_comment79_dplca_aging_text_v1.pdf)
- Presentation began at 3:35pm.

**Comment 123 on Mode Conversion**

(Presented by David Brandt, Rockwell Automation)

- [https://www.ieee802.org/3/da/public/0325/brandt\\_3da\\_01a\\_0325.pdf](https://www.ieee802.org/3/da/public/0325/brandt_3da_01a_0325.pdf)
- Presentation began at 4:48pm.
- Brief interruption at 4:54pm with network connectivity issues.
- Remaining discussion on this topic is deferred to tomorrow morning.

Brief interruption at 5:36pm with network connectivity issues, Comment #45 deferred to tomorrow.

**Meeting recessed at 6:02pm, will resume at 8:00am 3/12/25.**

**March 12, 2025**

**Meeting resumed at 8:00am.**

Mr Jones briefly reviewed the agenda deck and notified the group that additional/updated presentations would be posted during the AM1 session.

**Comment Resolution resumes at 8:06am**, led by Mr Zimmerman. The CRG has 28 “not easy” comments still to process. The CRG will be processing comments deferred from yesterday.

CRG began the following topics at:

- LATE: 8:08am
- Mixing Segment: 8:40am
- MPD: 8:53am
- PCS: 9:03am
- MPD: 9:10am
- Unit Load: 9:18am
- EZ: 9:30am
- PLCA: 9:41am
- Power: 9:49am

The following presentations and documents were reviewed during comment resolution:

**Comment 46, New section 189.5.5.5**

(Presented by Chad Jones, Cisco Systems, Inc.)

- [https://www.ieee802.org/3/da/public/0325/cjones\\_da\\_01\\_0325\\_V0.pdf](https://www.ieee802.org/3/da/public/0325/cjones_da_01_0325_V0.pdf)
- Presentation began at 8:55am.

**Type 0 Power Parameter Updates**

(Presented by Michael Paul, Analog Devices, Inc.)

- [https://www.ieee802.org/3/da/public/0325/mpaul\\_da\\_02\\_20250310\\_v1.pdf](https://www.ieee802.org/3/da/public/0325/mpaul_da_02_20250310_v1.pdf)
- Presentation began at 9:50am.

**Motion #2 – 9:37am**

Move to accept the proposed responses in the topic “EZ” in file 802.3da\_draft2p1\_Proposed Remedies\_EZ\_By Comment ID.pdf

M: Valerie Maguire  
S: George Zimmerman  
Technical (>75%)

Motion passes by unanimous consent.

**Meeting break at 10:01am, will resume at 10:15am.**

**Meeting resumes at 10:17am**

CRG began the following topics at:

- Isolation: 10:29am
- Power: 11:34am

The following presentations and documents were reviewed during comment resolution:

### **Isolation Rewrite Proposal.**

(Presented by Jason Potterf, Cisco Systems, Inc)

- [https://www.ieee802.org/3/da/public/0325/SPMD\\_Potterf\\_Isolation\\_Proposals\\_2025-03-11.pdf](https://www.ieee802.org/3/da/public/0325/SPMD_Potterf_Isolation_Proposals_2025-03-11.pdf)
- [https://www.ieee802.org/3/da/public/0325/SPMD\\_Potterf\\_Isolation\\_Proposals\\_v01.docx](https://www.ieee802.org/3/da/public/0325/SPMD_Potterf_Isolation_Proposals_v01.docx)
- Presentation began at 10:29am.

### **Comment 99 Unit Load Based Return Loss, V2**

(Presented by Michael Paul, Analog Devices, Inc.)

- [https://www.ieee802.org/3/da/public/0325/mpaul\\_da\\_01\\_20250310\\_v2.pdf](https://www.ieee802.org/3/da/public/0325/mpaul_da_01_20250310_v2.pdf)
- Presentation began at 11:33am.

The “Isolation Rewrite Proposal” discussion resulted in deferring adoption of the text proposed in [https://www.ieee802.org/3/da/public/0325/SPMD\\_Potterf\\_Isolation\\_Proposals\\_2025-03-11.pdf](https://www.ieee802.org/3/da/public/0325/SPMD_Potterf_Isolation_Proposals_2025-03-11.pdf) to the Thursday March 20th interim meeting to allow further development of the text.

Not having completed resolution of all comments, Mr Jones mentioned the previously announced and scheduled electronic interim meeting to complete comment resolution from 10:00am to 12:00pm EST Thursday March 20<sup>th</sup>. The editors will provide an interim comment disposition report to the Task Force.

At 11:51am, Mr Zimmerman started discussions on moving the draft forward, including:

- reviewing the outstanding and unsatisfied comments.
  - Mr Zimmerman presented “Resolving Unsatisfied Comments” ([https://www.ieee802.org/3/da/public/0325/zimmerman\\_3da\\_01\\_030525.pdf](https://www.ieee802.org/3/da/public/0325/zimmerman_3da_01_030525.pdf))
  - “Unsatisfied Comments” will be addressed first during the electronic interim meeting.

### **Comment Resolution concluded at 12:07pm.**

At 12:07pm Mr Jones resumed the meeting agenda and dealt with closing business. Mr Jones discussed the timing for forming the balloting group.

### **Discussion of future meetings**

- Next meeting is the electronic interim meeting to complete comment resolution for 10:00am to 12:00pm EST Thursday March 20th.
- Next physical meeting is the week of May 12th in New Orleans, LA.
  - Please register sooner rather than later.
  - Meeting time slots TBD.

Mr Jones asked if there were any more items for the Task Force and none were heard. Having completed the agenda, Mr Jones adjourned the Task Force meeting.

### **Meeting adjourned at 12:11pm**

## Appendix A: IEEE P802.3da SPMD Task Force Attendance

Name	Employer	Affiliation	3/11 (webex)	3/12 (webex)	3/11 (imat)	3/12 (imat)	March Plenary
Ahmad Chini	Broadcom	Broadcom	y	Y	y	y	y
Ahmet Tanc	NXP	NXP	y	Y	y	y	y
Ajeya Gupta	GM	GM	y	Y		y	y
Alireza Razavi	Marvell	Marvell		Y	y	y	y
Amir Bar-Niv	Marvell	Marvell	y	Y	y	y	y
Amrit Gopal	Ford	Ford			y	y	y
Ariel Lasry	Qualcomm	Qualcomm	y	Y	y	y	y
Bob Voss	Panduit Corp.	Panduit Corp.	y	y	y		y
Brett McClellan	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.	y	y	y	y	y
Brian Murray	Analog Devices Inc.	Analog Devices Inc.	y	y	y	y	y
Chad Jones	Cisco Systems, Inc.	Cisco Systems, Inc.	y	y	y		y
Charles Wu	OmniVision	OmniVision	y				y
Ching-Yen Lee	Realtek	Realtek	y		y		y
Conrad Zerna	Avivalinks	Avivalinks	y		y		y
Curtis Donahue	Rohde & Schwarz	Rohde & Schwarz	y		y		y
Daniel Estrakh	Valens	Valens	y	y	y	y	y
David Brandt	Rockwell Automation	Rockwell Automation	y	y	y	y	y
David Law	Hewlett Packard Enterprise	Hewlett Packard Enterprise		y	y	y	y
Do Kyun Kim	LGE	LGE		y			y
Felix Fellhauer	Bosch	Bosch	y	y	y	y	y
Francois Beauregard	Belden	Belden	y	y	y	y	y
Frank S.-S. Wang	Realtek	Realtek	y	y			y
Geoff Thompson	GraCaSI S.A.	GraCaSI S.A.	y	y	y	y	y
George Zimmerman	CME Consulting	ADI, APL Gp, Cisco, Marvell, OnSemi, SenTekSe, Sony	y	y	y		y
Gumersindo Veloso	BMW	BMW	y	y	y	y	y
Hans Lackner	QoSCom	QoSCom	y	y	y	y	y
Hideki Goto	Toyota	Toyota	y	y	y	y	y
Hiok Tiaq Ng	Aviva Links Inc	Aviva Links Inc.			y	y	y
Jae-yong Chang	Keysight	Keysight	y	y	y	y	y
James Withey	Fluke Corporation	Fluke Corporation	y	y	y	y	y
Jason Potterf	Cisco Systems, Inc.	Cisco Systems, Inc.	y	y	y	y	y
Jason Sisk	UNH-IOL	UNH-IOL	y	y	y	y	y
Jay Cordaro	ADI	ADI	y	y	y	y	y
Jen Santulli	IEEE SA	IEEE SA		y		y	y
jingcong Sun	Motorcomm	Motorcomm	y	y	y	y	y
Jon Lewis	Dell Technologies	Dell Technologies			y		y
Jörg Kock	NXP	NXP	y	y	y	y	y
Joseph Aronson	TI	TI	y	y	y	y	y
Junichi Takeuchi	JAE Electronics, Inc	JAE Electronics, Inc.	y	y	y	y	y
Kambiz Vakilian	Broadcom	Broadcom	y	y	y	y	y
Kirsten Matheus	BMW Group	BMW Group	y		y		y
Len Stencil	TDK	TDK	y	y	y	y	y
Lokesh Kabra	Synopsys Inc	Synopsys Inc			y		y
Luisma Torres	KDPOF	KDPOF	y	y	y	y	y
Manabu Kagami	Nagoya Institute of Technology	Nagoya Institute of Technology	y	y	y	y	y
Masato Shiino	Furukawa	Furukawa	y	y	y	y	y

Masayuki Hoshino	Continental	Continental	y	y	y	y	y
Mathias Kleinwaechter	in-tech	in-tech	y	y	y	y	y
Mats Oberg	Marvell	Marvell		y		y	y
Max Turner	Ethernovia	Ethernovia	y				y
Mehmet Tazebay	Broadcom	Broadcom	y	y	y	y	y
Michael Paul	Analog Devices Inc.	Analog Devices Inc.	y	y	y	y	y
Michal Brychta	Analog Devices Inc.	Analog Devices Inc.	y	y	y	y	y
Natalie Wienckowski	IVN Solutions	Ethernovia	y	y	y	y	y
Neven Pischl	Broadcom	Broadcom	y	y	y	y	y
Nick Chimento	Analog Devices	Analog Devices	y	y	y	y	y
Peter Jones	Cisco Systems, Inc.	Cisco Systems, Inc.	y	y	y	y	y
Peter Wu	Marvell	Marvell	y	y	y	y	y
Ragnar Jonsson	Marvell	Marvell	y	y	y	y	y
Ramanjit Ahuja	Onsemi	Onsemi	y	y	y	y	y
Rich Boyer	Aptiv Signal and Power Solutions	Aptiv Signal and Power Solutions	y	y	y	y	y
Rich Long	TE Connectivity	TE Connectivity	y	y	y	y	y
Rohit Sharma	Molex Incorporated	Molex Incorporated		y	y	y	y
Sachin Goel	Aviva Links Inc	Aviva Links Inc	y	y	y	y	y
Samay Kapoor	Aviva Links	Aviva Links	y		y		y
Shun-Sheng Wang	Realtek	Realtek			y	y	y
Steffen Graber	Pepperl+Fuchs	Pepperl+Fuchs	y	y	y	y	y
Stephan Schreiner	Rosenberger	Rosenberger	y	y	y	y	y
Tiaq Ng	Aviva Links	Aviva Links	y	y			y
Tim Baggett	Microchip Technology, Inc.	Microchip Technology, Inc.	y		y	y	y
Tingting Zhang	Huawei	Huawei	y	y	y	y	y
TJ Houck	Marvell	Marvell	y	y	y	y	y
Tomohiro Kikuta	Orbray Co., Ltd.	Orbray Co., Ltd.	y	y	y	y	y
Tsutomu Kobayashi	TDK	TDK			y		y
Uttam Agarwal	Texas Instruments	Texas Instruments	y	y	y	y	y
Valerie Maguire	Copperopolis	CME Consulting, Cisco	y	y	y	y	y
Wei Lou	Broadcom	Broadcom	y	y	y	y	y
William Lo	Axonne	Axonne	y	y	y	y	y
Yan Zhuang	Huawei	Huawei	y	y	y	y	y
Yaoshen Cui	TP-Link	TP-Link	y		y		y
Yasuhiro Hyakutake	Orbray Co., Ltd.	Orbray Co., Ltd.	y	y	y	y	y
Yasuhiro Kotani	DENSO	DENSO	y	y	y	y	y
Yi Sun / OFS	OFS	OFS		y			y
YK Lin	Realtek	Realtek	y		y		y
Yong Kim	GM	GM	y	y	y	y	y
Yoshihiro Niihara	Fujikura Ltd.	Fujikura Ltd.	y	y	y	y	y
Zhiguo Pan	Schneider Electric	Schneider Electric	y	y	y	y	y
<b>Attendee count</b>			74	71	78	68	87