

## **Meeting Minutes: Meeting of the IEEE P802.3da SPMD Task Force**

May 14 and 15, 2024 Hybrid Interim meeting

Prepared by Peter Jones

All times in EST

IEEE P802.3da SPMD Task Force meeting was convened on Tuesday, May 14, 2024 1:15PM by the 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/0524/index.html> )

The Chair displayed and proceeded to review the agenda in [https://www.ieee802.org/3/da/public/0524/8023da\\_agenda\\_0524.pdf](https://www.ieee802.org/3/da/public/0524/8023da_agenda_0524.pdf) .

The agenda was approved at 1:16PM by unanimous consent.

The minutes from 29 February ([https://www.ieee802.org/3/da/public/021424/spmd\\_TF\\_minutes\\_00\\_022924.pdf](https://www.ieee802.org/3/da/public/021424/spmd_TF_minutes_00_022924.pdf)) and March 2024 Plenary Meeting ([https://www.ieee802.org/3/da/public/0324/spmd\\_TF\\_minutes\\_00\\_march%202024.pdf](https://www.ieee802.org/3/da/public/0324/spmd_TF_minutes_00_march%202024.pdf) ) were approved at 1:17PM by unanimous consent.

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

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

The Chair resumed review of the agenda deck, including the following items –review of the participation policy, review of the IEEE SA Copyright Policy, review of the IEEE SA policy on dominance, and review of the IEEE SA Standards process. There were no questions.

**IEEE SA Patent Policy**, The Chair read aloud the patent slides. The call for patents was made at 1:24PM and none responded.

The Chair resumed review of the agenda deck material after the call for patents.

**The Chair completed review of the agenda deck at 1:29pm.**

## **Presentations and Discussion:**

At 1:29PM the Chair moved on to the work of the meeting.

### **Presentation: Task Force Plan to WG Ballot**

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

- [https://www.ieee802.org/3/da/public/0524/cjones\\_3da\\_01\\_0524.pdf](https://www.ieee802.org/3/da/public/0524/cjones_3da_01_0524.pdf)
- Presentation started at 1:29PM.
- Starting at 1:32PM, the group was offered time for questions, but none were asked.
- Presentation concluded at 1:33PM.

## **Comment Resolution:**

At 1:34PM, the Chair moved on to Comment Resolution led by the Chief Editor (George Zimmerman). All drafts and comment files are available at

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

### **Editors report:**

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

- [https://www.ieee802.org/3/da/public/0524/zimmerman\\_3da\\_02\\_052024.pdf](https://www.ieee802.org/3/da/public/0524/zimmerman_3da_02_052024.pdf)
- Presentation started at 1:35PM.

### **Motion #1 – 1:47PM**

Move to accept the proposed responses in the topic “EZ” in file  
EZ\_Proposed\_802d3da\_d1p1\_Page.pdf with the exception of comments 119 and 120.

M: Valerie Maguire

S: George Zimmerman

Passed by voice without opposition.

### **Comment Resolution began at 1:49PM.**

### **Presentation: 802.3da Mixing Segment Specifications D1p1 Comments**

(Presented by Chris DiMinico, MC Communications)

- [https://www.ieee802.org/3/da/public/0524/diminico\\_SPMD\\_01\\_0524.pdf](https://www.ieee802.org/3/da/public/0524/diminico_SPMD_01_0524.pdf)
- Presentation started at 1:58PM.
- Presentation concluded at 2:15PM.

### **Presentation: TC1/TC2 Return Loss Spec**

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

- [https://www.ieee802.org/3/da/public/0524/zimmerman\\_3da\\_01a\\_052024.pdf](https://www.ieee802.org/3/da/public/0524/zimmerman_3da_01a_052024.pdf)
- Presentation started at 2:16PM.
- Presentation concluded at 2:57PM.

### **Comment Resolution resumes at 2:58PM.**

**Meeting break at 3:15PM, resumes at 3:30PM.**

**Presentation: Clause 45**

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

- [https://www.ieee802.org/3/da/public/0524/pjones\\_8023da\\_D1p1\\_cl45\\_v2.docx](https://www.ieee802.org/3/da/public/0524/pjones_8023da_D1p1_cl45_v2.docx)
- Presentation started at 3:35PM.
- Presentation concluded at 3:45PM.

The Comment Resolution Group (CRG) resumes processing clause 45 comments, including those addressed by the prior presentation.

**Presentation: Clause 30**

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

- [https://www.ieee802.org/3/da/public/0524/pjones\\_8023da\\_D1p1\\_cl30\\_v2.docx](https://www.ieee802.org/3/da/public/0524/pjones_8023da_D1p1_cl30_v2.docx)
- Presentation started at 3:55PM.
- Presentation concluded at 4:05PM.

The CRG resumes processing clause 30 comments including those addressed by the prior presentation.

At 5:47PM, Chief Editor and Chair reviewed big ticket items remaining for Comment Resolution and requested the group to come prepared to discuss and resolve them tomorrow.

**Meeting recessed at 5:55PM, will resume at 8:00AM 15 May 2024.**

**Meeting resumes at 8:00AM 15 May 2024.**

Chair/Chief Editor lead brief discussion of plan for the remaining of the meeting.

**Comment Resolution resumes led by Chief Editor at approximately 8:08AM**

**Presentation: Clause 169 Discovery Parameters**

(Presented by Michael Paul, Analog Devices)

- [https://www.ieee802.org/3/da/public/0524/paul\\_da\\_01\\_20240313\\_v1.pdf](https://www.ieee802.org/3/da/public/0524/paul_da_01_20240313_v1.pdf)
- Presentation started at 8:14 AM.
- Presentation concluded at 8:19 AM.

**Presentation: Clause 169 Power Parameters**

(Presented by Michael Paul, Analog Devices)

- [https://www.ieee802.org/3/da/public/0524/paul\\_da\\_02\\_20240313\\_v1.pdf](https://www.ieee802.org/3/da/public/0524/paul_da_02_20240313_v1.pdf)
- Presentation started at 8:20 AM.
- Presentation concluded at 8:32 AM.

**Presentation: Transmit Power Signature**

(Presented by Michael Paul, Analog Devices)

- [https://www.ieee802.org/3/da/public/0524/paul\\_da\\_03\\_20240514\\_v2.pdf](https://www.ieee802.org/3/da/public/0524/paul_da_03_20240514_v2.pdf)
- Presentation started at 8:34 AM.
- Presentation concluded at 8:41 AM.

At 8:45 AM Comment Resolution resumes by processing comments addressed by the prior 3 presentations.

At 9:29 AM the Comment Resolution Group (CRG) completes processing comments in the Power topic and moves on to PLCA.

At 9:45 AM the (CRG) completes processing comments in the PLCA topic and moves on to PI.

**Presentation: Figure 169-1**

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

- [https://www.ieee802.org/3/da/public/0524/cjones\\_3da\\_02\\_F169-1\\_0524.pdf](https://www.ieee802.org/3/da/public/0524/cjones_3da_02_F169-1_0524.pdf)
- Presentation started at 9:48 AM.
- Presentation concluded at 10:08 AM.

**Meeting break at 10:08 AM, will resume at 10:25 AM.**

**Meeting resumes at 10:25 AM.**

At 10:38 AM the CRG completes processing comments in the PI topic and moves on to LLDP and Empty Clauses topics.

At 10:48 AM the Comment Resolution Group (CRG) moves on to Mixing Segment topics.

At 11:04 AM the CRG was reminded to log attendance using IMAT.

At 11:07 AM the CRG moves on to TC3 topics.

At 11:19 AM the CRG moves on to TCI topics.

After TCI topics the CRG dealt with the remaining comments.

Due to lack of time, some presentations associated with comments were not given:

- [https://www.ieee802.org/3/da/public/0524/cjones\\_3da\\_04\\_0524.pdf](https://www.ieee802.org/3/da/public/0524/cjones_3da_04_0524.pdf)
- [https://www.ieee802.org/3/da/public/0524/cjones\\_3da\\_05\\_169d3\\_0524.docx](https://www.ieee802.org/3/da/public/0524/cjones_3da_05_169d3_0524.docx)

In the interest of progress, these comments were withdrawn and will be addressed in the next comment cycle.

Another presentation was not presented

([https://www.ieee802.org/3/da/public/0524/cjones\\_3da\\_03\\_T169-5\\_0524.docx](https://www.ieee802.org/3/da/public/0524/cjones_3da_03_T169-5_0524.docx)) but it was referenced in a comment and the editorial text added by the presentation should be incorporated into D1.2.

**Comment Resolution concluded at 12:03 PM.**

**Motion #1 – 12:04 PM**

Move that the editors create IEEE P802.3da Draft 1.2 by incorporating the comment resolutions against Draft 1.1. and start a review cycle.

M: Bob Voss

S: Jon Lewis

Procedural - Passed by unanimous consent.

## Timeline

- The Chair and Chief Editor reviewed plans for future drafts.
  - Plan D1.2 ready for Task Force review May 24.
    - Plan BALLOT review to close 7 June.
    - Meeting for comment resolution for D1.2 on 12 June, with 13 June as an “overflow” meeting
  - Plan D1.3 ready for Task Force review 19 June.
    - Plan BALLOT review to close 3 July.
    - Meeting for comment resolution for D1.3 to be held during the July plenary series meetings in Montreal.

## Discussion of future meetings

- Teleconference meeting 12 June, contingent 13 June if needed.
  - Presentation requests to the Chair 7 June (in parallel with the closing of the comment cycle).
  - Actual presentation is due on 10 June, 11:59PM AOE.
- Next hybrid meeting is the Week of July 15 - 19, 2024, Montreal.
  - Presentation requests to the Chair no later than 5 July.
  - Actual presentation is due on 9 July 11:59PM AoE.

**Having completed the agenda, the meeting was adjourned at 12:08 PM.**

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

Name	Employer	Affiliation	Atnd 5/14 (webex)	Atnd 5/14 (Imat)	Atnd 5/15 (webex)	Atnd 5/15 (Imat)	Atnd May Interim
Ahmad Chini	Broadcom	Broadcom	Y	Y	Y	Y	Y
Alon Regev	Keysight Technologies	Keysight Technologies	Y	Y	Y	Y	Y
Ammer Ganic	Analog Devices Inc.	Analog Devices Inc.	Y	Y	Y	Y	Y
Bob Voss	Panduit Corp.	Panduit Corp.		Y		Y	Y
Brett McClellan	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.			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	Y
Chris Diminico	MC Communications	PHY-SI/SenTekse	Y	Y			Y
Conrad Zerna	Avivalinks	Avivalinks	Y	Y			Y
David Brandt	Rockwell Automation	Rockwell Automation	Y	Y	Y	Y	Y
David Cliber	TE Connectivity	TE Connectivity	Y	Y	Y	Y	Y
David Law	Hewlett Packard Enterprise	Hewlett Packard Enterprise				Y	Y
Dayin Xu	Rockwell Automation	Rockwell Automation			Y	Y	Y
Francois Beauregard	Belden	Belden	Y	Y	Y	Y	Y
Geoff Thompson	GraCaSI S.A.	Independent	Y	Y	Y	Y	Y
George Zimmerman	CME Consulting	CME Consulting/ADI, APL Group, Cisco, Marvell, OnSemi, SenTekSe LLC, Sony	Y	Y	Y	Y	Y
Hans Lackner	QoSCom	QoSCom	Y	Y	Y	Y	Y
Hector Arroyo	ADI	ADI	Y	Y	Y	Y	Y
Heiko Strohmeier	Robert Bosch GmbH	Robert Bosch GmbH	Y	Y	Y	Y	Y
James Withey	Fluke Corporation	Fluke Corporation		Y		Y	Y
Jason Potterf	Cisco Systems, Inc.	Cisco Systems, Inc.	Y	Y	Y	Y	Y
Joerg Kock	NXP	NXP	Y	Y	Y	Y	Y
Jon Lewis	Dell Technologies	Dell Technologies				Y	Y
Jonathan Silvano de Sousa	GG Group	GG Group			Y		Y
Kirsten Matheus	BMW Group	BMW Group	Y	Y	Y	Y	Y
Marek Hajduczenia	Charter	Charter			Y	Y	Y
Matthias Fritsche	HARTING Technologie Gruppe	HARTING Technologie Gruppe		Y		Y	Y
Mehmet Tazebay	Broadcom	Broadcom			Y	Y	Y

Name	Employer	Affiliation	Atnd 5/14 (webex)	Atnd 5/14 (Imat)	Atnd 5/15 (webex)	Atnd 5/15 (Imat)	Atnd May Interim
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
Neven Pischl	Broadcom	Broadcom	Y		Y	Y	Y
Or Vidal	Alphawave Semi	Alphawave Semi				Y	Y
Paul Vanderlaan	UL LLC	UL LLC		Y	Y	Y	Y
Peter Jones	Cisco Systems, Inc.	Cisco Systems, Inc.	Y	Y	Y	Y	Y
Ragnar Jonsson	Marvell	Marvell			Y	Y	Y
Rich Boyer	Aptiv Signal and Power Solutions	Aptiv Signal and Power Solutions	Y	Y	Y	Y	Y
Shawn Nicholl	Advanced Micro Devices (AMD)	Advanced Micro Devices (AMD)				Y	Y
Simon Mark	Wurthe Elektronik	Wurthe Elektronik	Y		Y	Y	Y
Steffen Graber	Pepperl+Fuchs	Pepperl+Fuchs	Y	Y	Y	Y	Y
Stephan Schreiner	Rosenberger	Rosenberger	Y	Y	Y	Y	Y
Steve Sekel		Wilder Technologies				Y	Y
Tim Baggett	Microchip Technology, Inc.	Microchip Technology, Inc.	Y	Y	Y	Y	Y
Tomohiro Kikuta	Orbray Co., Ltd.	Orbray Co., Ltd.	Y	Y	Y	Y	Y
Valerie Maguire	Copperopolis	Copperopolis/ CME Consulting	Y	Y	Y	Y	Y
Wei Lou	Broadcom	Broadcom	Y	Y	Y	Y	Y
YASUHIRO HYAKUTAKE	Orbray Co., Ltd.	Orbray Co., Ltd.	Y	Y	Y	Y	Y
Yuji Watanabe,	AGC	AGC	Y				Y
Attendee count			32	33	36	43	47