

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

March 13/14, 2024, Hybrid Plenary meeting

Prepared by Peter Jones

All times in MDT

IEEE P802.3da SPMD Task Force meeting was convened at 1:01PM on March 13, 2024, 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/0324/index.html>).

The Chair displayed and proceeded to review the agenda in https://www.ieee802.org/3/da/public/0324/8023da_agenda_0324.pdf.

The agenda was approved at 1:04pm by unanimous consent.

The minutes from the Jan 2024 and 14 February 2024 Meetings (https://www.ieee802.org/3/da/public/021424/spmd_TF_minutes_00a_021424.pdf) were approved at 1:04 by unanimous consent.

Members of the Press, at 1:05pm 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 – a review of the participation policy, a review of the IEEE copyright policy, a review of the IEEE policy on dominance, and a review of the IEEE Standards process. There were no questions.

IEEE Patent Policy, The Chair read aloud the patent slides. The call for patents was made at 1:09pm 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 1:14pm.

Presentations and Discussion:

At 1:15pm the Chair moved on to presentations.

Presentation: Clause 169 Discovery Parameters

(Presented by Michael Paul, Analog Devices)

- https://www.ieee802.org/3/da/public/0324/Paul_da_03_20240313_v0.pdf
- Presentation started at 1:15pm.
- Starting at 1:19pm, questions were asked and answered.
- Presentation concluded at 1:20pm.

Presentation: DPLCA Issues in D1.0

(Presented by Brett McClellan, Marvell)

- https://www.ieee802.org/3/da/public/0324/mcclellan_3da_01_031324.pdf
- Presentation started at 1:20pm.
- Questions were asked and answered during the presentation.
- Presentation concluded at 1:52pm.

Presentation: 802.3da MPD Unit Loads

(Presented by Michael Paul, Analog Devices)

- https://www.ieee802.org/3/da/public/0324/Paul_da_02_20240313_v1.pdf
- Presentation started at 1:55pm.
- Starting at 2:04pm, questions were asked and answered.
- Presentation concluded at 2:12pm.

Presentation: 802.3da Compensated T / TCI Measurements

(Presented by Stephan Schreiner, Rosenberger)

- https://www.ieee802.org/3/da/public/0324/schreiner_3da_March_24.pdf
- Presentation started at 2:14pm.
- Starting at 2:26pm, questions were asked and answered.
- Presentation concluded at 2:35.

Presentation: TCI/Mixing Segment Specs

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

- https://www.ieee802.org/3/da/public/0324/zimmerman_3da_01_031224.pdf
- Presentation started at 2:36pm.
- Starting at 3:00pm, questions were asked and answered.

Afternoon break from 3:10pm to 3:30pm.

- Presentation resumed at 3:30pm
- Starting at 3:52pm, questions were asked and answered.
- Presentation concluded at 4:00pm.

Presentation: TCI Compliance Interface Definition (Clause 169)

(Presented by Michael Paul, Analog Devices)

- https://www.ieee802.org/3/da/public/0324/Paul_da_01_20240313_v0.pdf
- Presentation started at 4:06pm.
- Starting at 4:11pm, questions were asked and answered.
- Presentation concluded at 4:17pm.

Presentation: 802.3da Mixing Segment Specifications

(Presented by Chris DiMinico, MC Communications)

- https://www.ieee802.org/3/da/public/0324/diminico_SPMD_01a_0324.pdf
- Presentation started at 4:18pm.
- Starting at 4:38pm, questions were asked and answered.
- Presentation concluded at 4:45pm.

Presentations and discussion concluded at 4:45pm.

Liaison Letter(s)

The chair moved on to review of liaison letter(s) with the group. The chair took the action to the liaison with a small group overnight.

At 4:53pm the Chair recessed the group until 9:00am March 14.

At 9:02am March 14 the Chair called the group to order.

Liaison Letter(s)

The chair resumed review of liaison letter(s) with the group. The liaison is to SC25 WG3. The Chair will present the liaison to the WG at the closing meeting.

Comment Resolution and discussion of draft

- Comment resolution started at 9:06 am.

Break from 10:03am to 10:24am.

- Comment resolution concluded at 10:49a.
- The Chief Editor led a discussion reviewing presentations from this meeting for any additional changes to the draft concluding at 11:13am.

Motion #1 – 10:58am

Move to accept the text on slide 33 of zimmerman_3da_01_031224.pdf.

Mover: George Zimmerman

Seconder: Peter Jones

Technical (>75%) passes by unanimous consent.

Timeline

- Editor expects D1.2 ready for Task Force review commencing on or before March 29th.
 - Draft review to close April 28th.
 - Comment resolution to take place at the May interim.

Motion #2 – 11:20am

Move that the editors create IEEE P802.3da Draft 1.1 by incorporating the comment resolutions against Draft 1.0 and start a review cycle.

Mover: Bob Voss

Seconder: Jon Lewis

Procedural (>50%) passes by unanimous consent.

Chair notes that we have slipped past our last adopted timeline and will not update the timeline until the extent of the slip is clear.

Discussion of future meetings

- Next meeting is the hybrid interim the week of May 13, 2024, Annapolis, MD.
- No online meetings are expected before then.
- Presentations
 - Requests to the Chair no later than May 3rd, 2024 morning PT.
 - Presentations are due May 6th, 2024 AoE.

Late Presentation: Baseline for RL for TC1 and TC2s

(Presented by David Brant, Rockwell)

- https://www.ieee802.org/3/da/public/0324/brandt_3dg_01_0324.pdf
- Presentation started at 11:26am.
- Starting at 11:31am, questions were asked and answered.
- Presentation concluded at 11:33am.

Having completed the agenda, the meeting was adjourned at 11:34am.

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

Name	Employer	Affiliation	Attended 3/13 (webex)	Attended 3/13 (Imat)	Attended 3/14 (webex)	Attended 3/14 (Imat)	Attended March Plenary
Ahmad Chini	Broadcom	Broadcom		y			y
Alireza Razavi	Marvell	Marvell		y	y	y	y
Bob Voss	Panduit Corp.	Panduit Corp.	y	y	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
Craig Chabot	UNH-IOL	UNH-IOL	y		y	y	y
Curtis Donahue	Rohde & Schwarz	Rohde & Schwarz	y	y		y	y
David Brandt	Rockwell Automation	Rockwell Automation	y	y	y	y	y
David Cliber	TE Connectivity	TE Connectivity	y	y			y
Dayin Xu	Rockwell Automation	Rockwell Automation		y	y	y	y
Eric Peterson	Blue Origin	Blue Origin		y	y	y	y
Eve Huang	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.	y				y
Francois Beauregard	Belden	Belden	y		y		y
George Zimmerman	CME Consulting	CME Consulting/ADI, APL Group, Cisco, Marvell, OnSemi, SenTekSe LLC, Sony	y	y	y	y	y
Gergely Huszak	Self	Kone		y	y	y	y
Hans Lackner	QoSCom	QoSCom	y	y	y	y	y
Hector Arroyo	ADI	ADI	y	y		y	y
Hideki Goto	Toyota	Toyota	y	y	y	y	y
Jae-yong Chang	Keysight Technologies Inc	Keysight Technologies Inc	y	y			y
James Withey	Fluke Corporation	Fluke Corporation		y		y	y
Janik Steyer-Ege	Bosch	Bosch	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
Jaspreet Gambhir	Synopsys	Synopsys	y				y
Joseph Aronson	Texas Instruments	Texas Instruments	y	y	y	y	y
Joel Goergen	cisco Systems, Inc.	cisco Systems, Inc.	y		y	y	y
Joerg Kock	NXP	NXP	y	y	y	y	y
JUNICHI TAKEUCHI	JAE Electronics, Inc	JAE Electronics, Inc.		y		y	y
Kent Lennartsson	Kvaser AB	Kvaser AB	y	y	y	y	y
Lance Wang	Marvell	Marvell	y				y
Marty Gubow	Keysight Technologies	Keysight Technologies		y	y	y	y
Mary Sue Haydt	Microchip Technology, Inc.	Microchip Technology, Inc.	y	y	y	y	y
Masato Shiino	Furukawa	Furukawa	y	y	y	y	y
Masayuki Hoshino	Continental	Continental	y	y	y	y	y
Matthias Wendt	Signify	Signify	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
Peter Jones	Cisco Systems, Inc.	Cisco Systems, Inc.	y	y	y	y	y
Peter Wu	Marvell	Marvell	y	y	y		y
Ragnar Jonsson	Marvell	Marvell	y	y			y
Ron Tellas	Belden	Belden	y	y			y
Stephan Schreiner	Rosenberger	Rosenberger	y	y	y	y	y
Takeshi Hirose	AGC Inc.	AGC Inc.		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
Vincent Chauve	Schneider Electric	Schneider Electric	y		y		y
Wei Lou	Broadcom	Broadcom	y	y	y	y	y
Yan Zhuang	Huawei	Huawei	y				y
YASUHIRO HYAKUTAKE	Orbray Co., Ltd.	Orbray Co., Ltd.	y	y	y	y	y
Yoshihiro Niihara	Fujikura Ltd.	Fujikura Ltd.	y	y	y	y	y
Yuji Watanabe	AGC	AGC	y	y			y
Attendee count			45	44	41	40	56