

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

Campinas, Brazil,
12th September 2023
Hybrid Interim meeting
Prepared by Peter Jones
All times in Campinas Time.

IEEE P802.3da SPMD Task Force meeting was convened at 9:00am 12th September 2023 by the chair, Chad Jones.

The meeting was held in-person and electronically via WebEx.

Attendance is listed in Appendix A

All presentations referenced in these minutes are located on the [Task Force Meeting Materials](#) site under the [meeting page](#).

Peter Jones was appointed as recording secretary for the meeting.

This being a teleconference meeting, the Chair asked that participants introduce themselves when speaking, in lieu of a formal roll call. There was no objection.

The Chair displayed and proceeded to review the [agenda](#).

The agenda was approved at 9:02am by unanimous consent.

The minutes from 12 July 2023 and 30 August 2023 were approved at 9:03am by unanimous consent.

Members of the Press, at 9:03am 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.

At 9:05am, 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 at 9:09am. The call for patents was made and **none** responded.

Presentations and Discussion:

At 9:13am the Chair moved on to the presentations.

Presentation: Clause 169 Baseline, Proposed MPoE BASELINE

(Presented by Michael Paul, Analog Devices)

- https://www.ieee802.org/3/da/public/0923/paul_01_da_2023_09_12.pdf
- https://www.ieee802.org/3/da/public/0923/paul_da_169_baseline_2023_09_12.pdf
- Presentation started at 9:14am.
- Starting at 9:20am, questions were asked and answered.
- Straw polls
 - Straw poll #1 – 9:25am
 - I support adopting the proposed baseline text of section: “169.1 Overview” from paul_da_169_baseline_2023_09_12.pdf, with editorial license.
 - Y: 9+23=32
 - N: 0+0=0
 - A: 0+4=4

Straw poll #2 – 9:30am

- I support adopting the proposed baseline text from paul_da_169_baseline_2023_09_12.pdf, with editorial license, excluding Clause 169.4.3 MPSE State Diagram and its sub sections and with the text of Clause 169.4.3 to be replaced with TBD.
 - Y: 9+21=30
 - N: 0+0=0
 - A: 0+4=4

Presentation: About length

(Presented by George Zimmerman, CME Consulting)

- https://www.ieee802.org/3/da/public/0923/zimmerman_3da_01_0923.pdf
- Presentation started at 9:34am.
- Starting at 9:45am, questions were asked and answered.

Presentation: 10BASE-T1S multidrop Low-Power Wake Proposal, 802.3da Power Management Draft BASELINE Text

(Presented by Tim Baggett, Microchip)

- https://www.ieee802.org/3/da/public/0923/baggett_3da_01a_09122023.pdf
- <https://www.ieee802.org/3/da/public/0923/802.3da%20SPMD%20Power%20Management%20Baseline%20Proposal.pdf>
- Presentation started at 9:55am.
- Starting at 10:24am, questions were asked and answered.

20 minute break at 10:36am - Resumed at 11:00am

- Continued after the break

Presentation: Unit Load Concept

(Presented by Jason Potterf, Cisco Systems, Inc)

- https://www.ieee802.org/3/da/public/0923/SPMD_Potterf_UnitLoadConcept_2023-09-07.pdf
- Presentation started at 12:00pm.
- Starting at 12:15pm, questions were asked and answered.

Break at 12:45pm, resume at 2:08pm

Presentation: Conditions to Apply MPSE Operating Voltage

(Presented by Dayin Xu, Rockwell Automation)

- https://www.ieee802.org/3/da/public/0923/xu_3da_01_09122023_Conditions%20to%20Apply%20MPSE%20Operating%20Voltage.pdf
- Presentation started at 2:10pm.
- Starting at 2:20pm, questions were asked and answered.

Presentations and discussion concluded at 2:27pm

Motions

Motion #1 – 2:29pm

Adopt the proposed baseline text in paul_da_169_baseline_2023_09_12.pdf, with editorial license. Exclude subclause 169.4.3 MPSE State Diagram of the baseline and its sub sections. Text of subclause 169.4.3 of to be replaced with TBD.

Mover: Michael Paul
Seconder: George Zimmerman
Technical/Procedural

- Y: 17+1=18
- N: 0
- A: 2

Motion Passes/Fails

Late Presentation: Multi-drop wake-up signalling challenges with MPoE

(Presented by Wojciech Koczwar, Rockwell Automation)

- https://www.ieee802.org/3/da/public/0923/20230908_WKoczwar_Multi-drop%20wake-up%20signalling%20challenges%20with%20MPoE.pdf
- Presentation started at 2:36pm.
- Starting at 2:48pm, questions were asked and answered.

Late Presentations and discussion concluded at 3:11pm.

Timeline

- What's still needed to be at TF ballot?
 - MPoE State machines?
 - TF ballot out of November?

Liaison letter

- A liaison from ITU-T Study Group 5 was received and assigned to IEEE P802.3dg
- The liaison can be found at [link](#).
- The P802.3dg group has drafted a response a response, found here: [link](#).
- This group reviewed the draft and proposed some edits.
- This concluded at 3:28pm.

Discussion of future meetings

- Next meetings –
 - November in Hawaii
 - January in St Petersburg
 - March in Denver
- Presentations:
 - requests to the Chair no later than Monday 6 Nov 2023, 11:59PM AOE
 - PDF of the presentation is due Thursday 9 Nov 2023, 11:59PM AOE

The chair called for any other topics to discuss, none heard.

Meeting adjourned by The Chair at 3:31pm.

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

Name	Employer	Affiliation	Attended 9/12 (webex)	Attended 9/12 (lmat)	Attended September Interim
Abbas Alwishah	Molex	Molex	y	Y	y
Ahmad Chini	Broadcom	Broadcom	y	Y	y
Alireza Razavi	Marvell	Marvell	y		y
Ammer Ganic	Analog Devices Inc.	Analog Devices Inc.	y	Y	y
Bernd Horrmeyer	Phoenix Contact	Phoenix Contact		Y	y
Bob Voss	Panduit Corp.	Panduit Corp.	y	Y	y
Brian Murray	Analog Devices Inc.	Analog Devices Inc.	y	Y	y
Carlos Pardo	KDPOF	KDPOF	y	Y	y
Chad Jones	Cisco Systems, Inc.	Cisco Systems, Inc.	y	Y	y
Chris Lyon	Amphenol CS	Amphenol CS	y		Y
Craig Chabot	UNH-IOL	UNH-IOL	y	Y	y
David Brandt	Rockwell Automation	Rockwell Automation	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
Geoff Thompson	GraCaSI S.A.	Independent	y	Y	y
George Zimmerman	CME Consulting	CME Consulting/APL Gp, Cisco, CommScope, Marvell, OnSemi, SenTekSe	y		y
Haim Ringel	GM	GM	y		Y
Hans Lackner	QoSCom	QoSCom	y	Y	y
Heath Stewart	Analog Devices Inc.	Analog Devices Inc.	y	Y	y
Hector Arroyo	ADI	ADI	y	Y	y
Heiko Strohmeier	Robert Bosch GmbH	Robert Bosch GmbH	y	Y	y
James Withey	Fluke Corporation	Fluke Corporation	y	Y	y
Janik Steyer-Ege	Bosch	Bosch	y	Y	y
Jason Potterf	Cisco Systems, Inc.	Cisco Systems, Inc.	y	Y	y
Jason Sisk	UNH-IOL	UNH-IOL	y	Y	y
Jon Lewis	Dell Technologies	Dell Technologies	y		y
Jörg Kock	NXP	NXP	y	Y	y
Kent Lennartsson	Kvaser AB	Kvaser AB	y	Y	y
Kevin Peters	Inneos	Inneos	y		Y
Kirsten Matheus	BMW Group	BMW Group		y	y
Len Stencil	TDK	TDK	y	y	Y
Leonardo Campos	Anatel-Brazil	Anatel-Brazil	y	y	Y
Luisma Torres	KDPOF	KDPOF	y	Y	y

Manabu Kagami	Nagoya Institute of Technology	Nagoya Institute of Technology	y	y	y
Mary Sue Haydt	Microchip Technology, Inc.	Microchip Technology, Inc.	y	y	y
Masayuki Hoshino	Continental	Continental	y	y	y
Matt Brown	Alphawave	Alphawave	y		y
Matthias Fritsche	HARTING Technologie Gruppe	HARTING Technologie Gruppe	y	y	y
Mehmet Tazebay	Broadcom	Broadcom	y	y	y
Michael Paul	Analog Devices Inc.	Analog Devices Inc.	y	y	y
Michal Brychta	Analog Devices Inc.	Analog Devices Inc.	y	y	y
Neven Pischl	Broadcom	Broadcom	y	y	y
Peter Fischer	BKS Kabel-Service AG	BKS Kabel-Service AG	y	y	y
Peter Jones	Cisco Systems, Inc.	Cisco Systems, Inc.	y	y	y
Rich Boyer	Aptiv Signal and Power Solutions	Aptiv Signal and Power Solutions	y	y	y
Sami Akin	Volkswagen AG	Volkswagen AG	y	y	y
Simon Mark	Wurthe Elektronik	Wurthe Elektronik	y	y	y
Steffen Graber	Pepperl+Fuchs	Pepperl+Fuchs	y	y	y
Stephan Schreiner	Rosenberger	Rosenberger	y	y	y
Steve Carlson	High Speed Design, Inc.	HSD, Robert Bosch, Ethernovia	y		y
Sujan Pandey	Huawei	Huawei	y	y	y
Thomas Hogenmueller	Robert Bosch GmbH	Robert Bosch GmbH		y	y
Thomas Mueller	Rosenberger	Rosenberger	y	y	y
Tim Baggett	Microchip Technology, Inc.	Microchip Technology, Inc.	y	y	y
Tingting Zhang	Huawei	Huawei	y	y	y
Wei Lou	Broadcom	Broadcom	y	y	y
Wojciech Koczwara	Rockwell Automation	Rockwell Automation	y	y	y
Yan Zhuang	Huawei	Huawei	y	y	y
Yoshihiro Niihara	Fujikura Ltd.	Fujikura Ltd.	y	y	y
Attendee count			56	53	60