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

15 & 16 May 2023
Hybrid Interim meeting
Prepared by Peter Jones
All times in US Central Time

IEEE P802.3da SPMD Task Force meeting was convened at 1:01pm 15 May 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 public page for this meeting.

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 in agenda link.

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

The minutes from the following meetings were approved at 1:06pm by unanimous consent:
    22 February 2023 Telephonic Interim Meeting
    March 2023 Hybrid Plenary Meeting
    03 May 2023 Telephonic Ad Hoc Meeting

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 IMAT, Webex, and in-room signup sheet.

At 1:09pm, 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 1:11pm.
The call for patents was made and **none** responded.

The Chair resumed review of the agenda deck.

<u>Presentations and Discussion:</u>
At 1:16pm the Chair moved on to the presentations.

Presentation: Proposed text based on TCI
(Presented by George Zimmerman)
- https://www.ieee802.org/3/da/public/0523/zimmerman_3da_01_051723.pdf
- Presentation started at 1:19pm.
- Questions were asked and answered starting at 1:39pm.
- Questions concluded at 1:48pm.
- Motion #1
  Move that the IEEE P802.3da Task Force adopt the text shown in 8023-168_withTCIr1.pdf (changed from d0.7 as 8023- 168_withTCIr1_CMP_changesonly.pdf) as baseline text for clause 168.
  M: George Zimmerman S: Jon Lewis
- MOTION PASSES BY UNANIMOUS CONSENT at 1:54 PM.

Presentation: T-Connector Model Correlation
(Presented by Michael Paul)
- https://www.ieee802.org/3/da/public/0523/Paul_da_01_05152023_v0.pdf
- Presentation started at 1:56pm.
- Questions were asked and answered starting at 2:00 PM,
- Questions concluded at 2:02 PM

Presentation: TCI Return Loss and Insertion Loss Analysis
(Presented by Michael Paul)
- https://www.ieee802.org/3/da/public/0523/Paul_da_02_05152023_v0.pdf
- Presentation started at 2:03 PM.
- Questions were asked and answered starting at 2:08 PM.
- Questions concluded at 2:19 PM.

Presentation: 802.3da Hot Add Objectives
(Presented by Jason Potterf)
- https://www.ieee802.org/3/da/public/0523/Potterf_da_2023-05-15.pdf
- Presentation started at 2:21 PM.
- Questions were asked and answered starting at 2:31 PM.
- Questions concluded at 2:44 PM.

Presentation: 802.3da Mixing Segment Model Correlation
(Presented by Chris DiMinico)
- https://www.ieee802.org/3/da/public/0523/diminico_SPMD_01_0523.pdf
- Presentation started at 2:45 PM.
- Questions were asked and answered starting at 2:52pm.
- Questions concluded at 2:56 PM.

Afternoon break, 3:00pm-3:20pm.

Presentation: Carrier Sensing in Harsh Noise Environments
(Presented by Piergiorgio Beruto)

- https://www.ieee802.org/3/da/public/0523/beruto_3da_20230515_carrier_sense.pdf
- Presentation started at 3:21 PM.
- Questions were asked and answered starting at 3:44 PM.
- Questions concluded at 4:19 PM.

Presentation: Forward Error Correction need in 10BASE-T1M
(Presented by Wojciech Koczwara)

- https://www.ieee802.org/3/da/public/0523/WKoczwara_da_20230515.pdf
- Presentation started at 4:21 PM.
- Questions were asked and answered starting at 4:38 PM.
- Questions concluded at 5:10 PM.

Objectives Review:
Starting at 5:11pm the Chair led a review of the adopted objectives
(https://www.ieee802.org/3/da/802d3da_objectives.pdf) based on the presentation/discussion in the 03
May 2023 Telephonic Ad Hoc Meeting
(https://www.ieee802.org/3/da/public/050323/802d3da_objectives_proposed_modifications_230503.pdf). The
Chair's notes on this discussion are at
https://www.ieee802.org/3/da/public/0523/802d3da_objectives_update_0523.pdf. The
discussion finished at 5:50 PM

Meeting Recess:
The Chair announced that the meeting will resume at 9:00am Tuesday 16th and recessed the
meeting at 5:52 PM.

Meeting Resumes:
The Chair resumed the meeting at 5/16/2023 9:00 AM.

Presentation: LLDP proposal
(Presented by Peter Jones)

- https://www.ieee802.org/3/da/public/0523/jones_3da_01_051723.pdf
- Presentation started at 9:03 AM.
- Questions were asked and answered starting at 9:12 AM.
- Questions concluded at 9:20 AM.
- Straw Poll 1
  I support adopting the proposed baseline text in jones_3da_0 pages 2 to 6.
  Yes: 21   No: 1   Abstain: 5
- Presentation concluded at 9:21 AM

Objectives Review:
Starting at 9:24 AM the Chair resumed review of the adopted objectives
(https://www.ieee802.org/3/da/802d3da_objectives.pdf) based on the presentation/discussion in
the 03 May 2023 Telephonic Ad Hoc Meeting
(https://www.ieee802.org/3/da/public/050323/802d3da_objectives_proposed_modifications_230
503.pdf) and discussion on 5/15/23. The Chair's notes on this discussion are at

https://www.ieee802.org/3/da/public/0523/802d3da_objectives_update_0523.pdf. The discussion finished at 11:44 AM.

Presentations and discussion concluded at 11:44 AM.

No liaison letters were received or sent.

Timeline

Starting at 11:44 AM the Chair showed the adopted timeline (https://www.ieee802.org/3/da/P802d3_TL_V5.pdf).

Discussion of future meetings

- Starting at 11:46 AM The Chair led discussion of future 802/802.3 meetings (Berlin, Campinas, Hawaii) as shown in slide 32 of the agenda deck (https://www.ieee802.org/3/da/public/0523/8023da_agenda_2305.pdf).
- The Chair announced 2 Telephonic Interim meetings on June 14th and June 21st.
    - In general, presentation requests are due to the Chair no later than Friday morning Pacific Time (Thursday AoE) prior to the meeting, and the actual presentation is due on the Monday AoE prior to the meeting (latest)

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

Meeting adjourned by The Chair at 11:54 AM.

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

Name	Employer	Affiliation	Attended 05/15 (webex)	Attended 5/15 (Imat)	Attended 5/16 (webex)	Attended 5/16 (Imat)	Attended May Interim
Abbas Alwishah	Molex	Molex			y	y	y
Ammer Ganic	Analog Devices Inc.	Analog Devices Inc.			y		y
Andrew Jimenez	Anixter	Anixter	y		y	y	y
Bob Voss	Panduit Corp.	Panduit Corp.	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	y
Charles Su	Huawei	Huawei		y			y
Chisato Gomez	Nitto, Inc.	Nitto, Inc.	y				y
Chris Diminico	MC Communications	PHY-SI/SenTekse		y			y
David Brandt	Rockwell Automation	Rockwell Automation	y	y	y	y	y
David Camp	Belden	Belden			y		y
David Lambe	Analog Devices Inc.	Analog Devices Inc.		y		y	y
David Law	Hewlett Packard Enterprise	Hewlett Packard Enterprise				y	y
Dayin Xu	Rockwell Automation	Rockwell Automation			y	y	y
Felix Fellhauer	Bosch	Bosch	y		y		y
Geoff Thompson	GraCaSI S.A.	Independent	y	y	y	y	y
George Zimmerman	CME Consulting	CME Consulting/APL Group, Cisco, CommScope, Marvell, OnSemi, SenTekSe LLC	y	y	y	y	y
Gergely Huszak	Self	Kone	y	y	y	y	y
Hans Lackner	QoSCom	QoSCom	y		y	y	y
Harsh Patel	Amphenol CS	Amphenol CS			y	y	y
Haysam M. Kadry	Molex	Molex			y	y	y
Heiko Strohmeier	Bosch	Bosch	y	y	y	y	y
James Gilb	GA-ASI, USD, Gilb Consulting	GA-ASI, USD, Gilb Consulting				y	y
James Withey	Fluke Corporation	Fluke Corporation	y	y	y	y	y
Janik Steyer-Ege	Bosch	Bosch			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
Jim Graba	Broadcom	Broadcom			y		y
Jon Lewis	Dell Technologies	Dell Technologies				y	y
Kent Lennartsson	Kvaser AB	Kvaser AB	y	y	y	y	y
Kirsten Matheus	BMW Group	BMW Group		y		y	y
Manabu Kagami	Nagoya Institute of Technology	Nagoya Institute of Technology		y	y	y	y
Marc Dupuis	Winchester Interconnect	Winchester Interconnect		y			y
Mary Sue Haydt	Broadcom Corporation	Microchip Technology, Inc.		y		y	y

Masato Shiino	Furukawa	Furukawa			y	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
Paul Vanderlaan	UL LLC	UL LLC			y	y	y
Peter Fischer	BKS Kabel-Service AG	BKS Kabel-Service AG	y	y	y	y	y
Peter Jones	Cisco Systems, Inc.	Cisco Systems, Inc.	y	y	y	y	y
Piergiorgio Beruto	OnSemi	OnSemi		y		y	y
Rich Boyer	Aptiv Signal and Power Solutions	Aptiv Signal and Power Solutions			y	y	y
Ron Tellas	Belden	Belden	y	y	y	y	y
Simon Mark	Wurthe Elektronik	Wurthe Elektronik	y	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 Carlson	High Speed Design, Inc.	HSD, Robert Bosch, Ethernovia		y		y	y
Tim Baggett	Microchip Technology, Inc.	Microchip Technology, Inc.		y		y	y
Tingting Zhang	Huawei	Huawei			y	y	y
Victor Renteria	Bel Fuse	Bel Fuse	y	y		y	y
Wayne Larsen	CommScope	CommScope	y	y	y	y	y
Wojciech Koczwara	Rockwell Automation	Rockwell Automation	y	y	y	y	y
Yan Zhuang	Huawei	Huawei	y		y	y	y
Yuhei Tanaka	Nitto	Nitto	y	y			y
Yuichi Tsujita	Nitto	Nitto	y	y			y
Attendee count			31	36	39	46	56

P802.3DA Task Force ~~Study Group~~ Attendance MAY 2023

Initial to indicate attendance

Name	Employer	Affiliation	5/15	5/16		
Chad Jones	Cisco	Cisco	CMJ	CMJ		
Jason Potterf	Cisco	Cisco	JP	JP		
MARY SUE HAYDT	MICROCHIP	MICROCHIP	h	H		
Tim Baggett	Microchip	Microchip	TB	TB		
STEVE CARLSON	HSD	BOSCH, ETHERNOVIA	SC	/		
GEOFF THOMPSON	GraCaSI S.A.	Independent	G	G		
CLARK CARTY	CISCO	CISCO	CAC	CAC		
Michael Paul	Analog Devices	Analog Devices	MP	MP		
J WITTEY	FLUKE	"	JW	JW		
DAVID LAW	HPE	HPE	DL	DL		
JON LEWIS	DELL	DELL	JL	JL		
BOB VOSS	PANDUIT	PANDUIT	BV	BV		
Marc Dupuis	Winchester Intercomm	Winchester Intercomm	MD	/		
Victor Renteria	Bel Fuse	Bel Fuse	VR	VR		
Yan ZHUANG	Huawei.	Huawei.	ZY	ZY		
Hans Lackner	QoSCom	QoSCom	HL	HL		
Kirsten Matheus	BMW	BMW	MK	MK		
Pergorgio Beruto	onsemi	onsemi	PB	PB		
Peter Jones	Cisco	Cisco	PJ	PJ		
CHRIS PIMINILO	PHY-SI/SENTEL , E	PHY-SI	CP	/		

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P 802.3 DA TASK FORCE   MAY 2023

~~Study Group~~ Attendance

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Name	Employer	Affiliation	7/15	5/16		
George Zimmerman	CME Consulting	ATL & Cisco Commscope Marvell, OnSemi, SenTec	Mgz.	MR		
Andrew Jimenez	Wesco	Wesco	aG	aG		
Paul Vanderlaan	UL Solutions	UL Solutions		Pv		
CHRIS DiMiNICO	~~DOE~~ PHY-SI / ~~SenTec~~ PHY-SI	PHY-SI		CD.		
Paul Fuller	Marvell	Marvell		PF		

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