

Unconfirmed Meeting Minutes: IEEE 802.3 Enhancements to Point-to-Point Single Pair Ethernet Study Group

June 9, 2021

Teleconference

Prepared by Bob Voss

Meeting was called to order 09Jun2021 at 7:04 am PDT by George Zimmerman, SPEP2P Study Group Chair

Attendance for the meeting is listed in Appendix A

Mr. Zimmerman appointed Mr. Voss reporting secretary for the meeting

The Chair reviewed the agenda.

Please see: https://www.ieee802.org/3/SPEP2P/public/agenda_3SPEP2P_01_06092021.pdf

MOTION #1: Motion to approve today's agenda

M: Mark Dearing

S: Chad Jones

Motion Passes by Unanimous Consent

The Chair continued with the presentation agenda_3SPEP2P_01_04282021.pdf:

- 7:08AM PDT -- Mr. Zimmerman asked if anyone was attending from the press including those who would run a public blog on this meeting – there were no indications from the group.
- 7:08 AM PDT -- Mr. Zimmerman noted that there should be no recording or photography without permission.

7:15AM PDT **IEEE Patent Policy**, Mr. Zimmerman asked if anyone had not seen the patent slides recently, none responded.

Mr. Zimmerman then reviewed the Study Group patent slides with the group.

Mr. Zimmerman reviewed the IEEE SA Copyright slides and the IEEE SA Participation slides

7:17am PDT “Individual Process” slide, call for non-compliant members to leave meeting, none left.

Mr. Zimmerman reviewed the goals for the meeting, access to the reflector and website, and ground rules.

Mr. Zimmerman then continued review of the presentation, Big Ticket items for this meeting.

LIAISONS

No liaisons for the study group at this time

Attendance, Mr. Zimmerman advised the group that attendance will be taken from Webex attendee list

The Chair completed review of the agenda.

Dave Brandt announced the AICHEMA Pulse event coming next week. Introduction of APL project, Ethernet-APL Port Profile Draft 1.0, at this event.

PRESENTATIONS

The Chair then moved to the presentations for the meeting.

Title: Strawman PAR 10Mb TSN Enh d5 (7:33AM – 7:40AM PDT)

URL: https://www.ieee802.org/3/SPEP2P/Strawman_PAR_10Mb_TSN_Enh_d5.pdf

Presenter: George Zimmerman, CME Consulting/ADI, APL Group, CommScope, Cisco Systems, Marvell, and SenTekse

Chair offered to share explanatory text to the reflector for Item PAR 8.1

(this has been completed – see <https://www.ieee802.org/3/SPEP2P/email/msg00022.html>)

Title: Strawman CSD (7:40AM – 8:06AM PDT)

URL: https://www.ieee802.org/3/SPEP2P/public/Strawman_CSD_10Mb_TSN_Enh_d3.pdf

Presenter: George Zimmerman, CME Consulting/ADI, APL Group, CommScope, Cisco Systems, Marvell, and SenTekse

Discussion created some potential changes to the CSD document, and a “d3a” version was created for posting to the website for consideration by the group at a future meeting:

URL: https://www.ieee802.org/3/SPEP2P/public/Strawman_CSD_10Mb_TSN_Enh_d3a.pdf.

Title: Draft Objectives for MACMERGE and TSSI Enhancements (8:06AM – 8:23AM PDT)

URL: https://www.ieee802.org/3/SPEP2P/draft_objectives_05242021.pdf

Presenter: George Zimmerman, CME Consulting/ADI, APL Group, CommScope, Cisco Systems, Marvell, and SenTekse

Notes were made, and posted at URL:

https://www.ieee802.org/3/SPEP2P/public/draft_objectives_06092021.pdf

Discussion of Long-Term Way Forward (8:23am PDT – 8:56am PDT)

Title: Use Cases for 100/1000BASE_T1 (8:26AM – 8:56AM PDT)

URL: https://www.ieee802.org/3/SPEP2P/public/Fritsche_3SPEP2P_01_05122021.pdf

Presenter: Matthias Fritsche, Harting Technology Group

Summary remarks made by chair.

“Discussion notes on next-gen long reach” will be posted to SG website at

URL: https://www.ieee802.org/3/SPEP2P/public/zimmerman_3SPEP2P_01_06092021.pdf

Chair called for presentations that build consensus around captured points in this deck

Mr. Zimmerman noted that the next meeting for the Study Group will be in 2 weeks, 23Jun2021. Please send presentation requests by 17Jun2021.

Mr. Zimmerman asked if there was any other business for the group, none responded.

THE MEETING ADJOURNED AT 9:08 AM PDT having exhausted allotted time.

Appendix A: Attendees at the IEEE 802.3 Enhancements to Point-to-Point Single Pair Ethernet Study Group, June 9, 2021.

Name	Employer	Affiliation
Brandt, David	Rockwell Automation	Rockwell Automation
Boyer, Rich	Aptiv	Aptiv
Brychta, Michal	Analog Devices Inc.	Analog Devices Inc.
Breisen, Michael	Telebyte SPE	Telebyte SPE
Carlson, Steve	High Speed Design	High Speed Design
Chiou, Dachen	DAN-CHIEF Technology Co., Ltd.	Dan-Chief Technology
Dearing, Mark	Leviton Manufacturing Co.	Leviton Manufacturing Co.
Fischer, Peter	BKS	BKS
Fritsche, Matthias	HARTING Technologie Gruppe	HARTING Electronics GmbH
Graber, Steffen	Pepperl+Fuchs SE	Pepperl+Fuchs SE
Griffiths, Scott	Rockwell Automation	Rockwell Automation
Hoffleit, Thorsten	Renesas	Renesas
Huh, Woojung	Microchip	Microchip
Jones, Chad	Cisco Systems, Inc.	Cisco Systems, Inc.
Jones, Peter	Cisco Systems, Inc.	Cisco Systems, Inc.
Law, David	HPE	HPE
Mueller, Harald	Endress + Hauser	Endress + Hauser
Murray, Brian	Analog Devices	Analog Devices
Proell, Dieter	Siemens	Siemens
Potterf, Jason	Cisco Systems, Inc.	Cisco Systems, Inc.
Schicketanz, Dieter	Reutlingen University	Reutlingen University
Schreiner, Stephan	Rosenberger	Rosenberger
Stewart, Heath	Analog Devices Inc.	Analog Devices Inc.
Sun, Wensheng	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Thompson, Geoffrey	GraCaSI S.A.	INDEPENDENT
Voss, Robert	Panduit Corp.	Panduit Corp.
Withey, James	Fluke Networks	Fluke Networks
Xu, Dayin	Rockwell Automation	Rockwell Automation
Zimmerman, George	CME Consulting	CME Consulting/ADI, APL Group, CommScope, Cisco Systems, Marvell, and SenTekse