

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

April 28, 2021

Teleconference

Prepared by Bob Voss

Meeting was called to order 28 April 2021 at 9:02 am by Mr. 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_04282021.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:

- 7:11AM 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.
- 7:12AM PDT -- Mr. Zimmerman noted that there should be no recording or photography without permission.

7:16AM PDT **IEEE Patent Policy**, Mr. Zimmerman asked if anyone had not seen the patent slides (slides 11-12) recently, none responded. Mr. Zimmerman then reviewed the Study Group patent slides with the group.

Mr. Zimmerman reviewed the IEEE SA Copyright slides (slides 13-14) and the IEEE SA Participation slides (slides 15-17)

Mr. Zimmerman reviewed the goals for the meeting, access to the reflector and website, and ground rules, including the WG motion from the November plenary meeting of the 802.3 WG to establish the Study Group.

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.

PRESENTATIONS

The Chair then moved to the presentations for the meeting.

Title: Use Case: Servo Drive Motor Communication (7:23AM – 7:39AM PDT)

URL: https://www.ieee802.org/3/SPEP2P/public/xu_3SPEP2P_01a_04282021.pdf

(new version will be sent to GZ by Dayin)

Presenter: Dayin Xu, Rockwell Automation

Queue, Presentation #1 – 7:39AM – 7:58AM PDT

Title: SPE point-to-point Enhancement Long Term – Process Industry (7:58AM – 8:11AM PDT)

URL: https://www.ieee802.org/3/SPEP2P/public/mueller_3SPEP2P_01_0428_2021.pdf

Presenter: Harald Muller, Endress + Hauser

Queue, Presentation #2 – 8:11AM PDT – 8:27AM PDT

Title: Half-Duplex and Preemption (8:27AM – 8:35AM PDT)

URL: https://www.ieee802.org/3/SPEP2P/public/jones_3ssep2p_01_04282021.pdf

Presenter: Peter Jones, Cisco Systems, Inc.

Queue, Presentation #3 – 8:35AM – 8:45AM PDT

Title: Strawman Draft PAR for 10 Mb/s TSN Enhancements (d2) – pre meeting (8:45AM – 8:49AM PDT)

URL: https://www.ieee802.org/3/SPEP2P/public/Strawman_PAR_10Mb_TSN_Enh_d2.pdf

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

Queue, Presentation #4 – 8:49AM – 8:59 AM PDT

Mr. Zimmerman asked group to review the list of objectives and respond to the reflector.

Mr. Zimmerman noted that if we want a PAR presented at the July meeting, we need to submit to the EC by 08Jun2021.

Mr. Zimmerman noted that the next meeting for the Study Group will be in 2 weeks, 12May2021.

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

THE MEETING ADJOURNED AT 9:02 AM PDT having exhausted allotted time.

Appendix A: Attendees at the IEEE 802.3 Enhancements to Point-to-Point Single Pair Ethernet Study Group, April 28, 2021.

Name	Employer	Affiliation
Brandt, David	Rockwell Automation	Rockwell Automation
Brunner, Kilian	ZHAW	ZHAW
Brychta, Michal	Analog Devices Inc.	Analog Devices Inc.
Buchanan, Rory	ON Semiconductor	ON Semiconductor
Carty, Clark	Cisco Systems, Inc.	Cisco Systems, Inc.
Chiou, Dachen	DAN-CHIEF Technology Co., Ltd.	Dan-Chief Technology
Dearing, Mark	Leviton Manufacturing Co.	Leviton Manufacturing Co.
Fischer, Peter	BKS	BKS
Franchuk, Brian	Emerson Automation Solutions	Emerson Automation Solutions
Fritsche, Matthias	HARTING Technologie Gruppe	HARTING Electronics GmbH
Graber, Steffen	Pepperl+Fuchs SE	Pepperl+Fuchs SE
Griffiths, Scott	Rockwell Automation	Rockwell Automation
Huh, Woojung	Microchip	Microchip
Jones, Chad	Cisco Systems, Inc.	Cisco Systems, Inc.
Jones, Peter	Cisco Systems, Inc.	Cisco Systems, Inc.
Lackner, Hans	QoSCom	QoSCom
Law, David	HPE	HPE
Li, Su	Huawei	Huawei
McCarthy, Mick	Analog Devices Inc.	Analog Devices Inc.
Mueller, Harald	Endress + Hauser	Endress + Hauser
Murray, Brian	Analog Devices	Analog Devices
Nikolich, Paul	Self	HPE, Huawei, Wyebot, UNH BCoE, YAS BBV, Origin Wireless
Proell, Dieter	Siemens	Siemens
Potterf, Jason	Cisco Systems, Inc.	Cisco Systems, Inc.
Schweitz, Laura	Turck	Turck
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