

Unconfirmed Meeting Minutes: Meeting of the IEEE P802.3cg 10 Mbps Single-Pair Ethernet Task Force

July 9-10, 2018
San Diego, CA USA

Prepared by Jon Lewis, Dell EMC

The meeting of the IEEE P802.3cg 10 Mbps Single Pair Ethernet Task Force convened at 1:06 PM, Monday, July 9, 2018 by George Zimmerman, P802.3cg Task Force chair.

Attendance for the meeting is listed in Appendix A

All presentations referenced in these minutes are located on the [July 2018 802.3cg public website](#).

Administrative Matters

The Task Force Chair asked the participants to introduce themselves, their employer and affiliations.

Motion #1: Move to approve the agenda as shown in agenda_3cg_01b_0718.pdf.

M: Bob Voss S: Chris Mash

Approved by voice without opposition (Procedural > 50%)

Motion Passes

George Zimmerman displayed the agenda in agenda_3cg_01b_0718.pdf.

Motion #2: Move to approve minutes of IEEE P802.3cg 10 Mbps Single Pair Ethernet Task Force from May 2018 as posted.

M: Phil Brownlee S: Tim Baggett

Approved by voice without opposition (Procedural > 50%)

Motion Passes

- Mr. Zimmerman noted that there should be no recording or photography permitted.
- Mr. Zimmerman asked if anyone was attending from the press including those who would run a public blog on this meeting. None responded.

Chair reviewed the goals for the meeting, big ticket items, access to the reflector and website, and ground rules for the meeting.

Attendance, Mr. Zimmerman advised the group that the attendance tool should be used each day to record attendance and that for today the only meeting that counts in IMAT is the plenary meeting held this morning. The physical attendance log was introduced and passed to the group.

IEEE Patent Policy, at **1:21 PM**, Mr. Zimmerman noted that the patent policy had been updated and then read slides 1-4 of the patent policy aloud. Mr. Zimmerman then made the call for potentially essential patents at **1:23 PM**, none responded. Mr. Zimmerman then read aloud slide #3.

Mr. Zimmerman reviewed the slide entitled “Participation in IEEE 802 Meetings” and asked if there was any discussion necessary, none responded.

Chair reviewed the IEEE 802.3 Standards process and where the Task Force was in the process and the process by which we will develop the standard.

LIAISONS

No Liaisons

PRESENTATIONS

Mr. Zimmerman showed the PAR, CSD and Objectives URLs and reviewed the approved timeline for the Task Force.

Title: Editor’s Report: P802.3cg Draft D1.3 (maguire_3cg_01_0718.pdf)

Presenter: Valerie Maguire, Siemon; P802.3cg chief editor

The Editor outlined the comments by topic, and reminded participants that the comments had been posted by topic on the website. The Editor asked if anyone would like more time to review the EZ bucket or needed any comments pulled from the EZ bucket list.

Motion #3: Move to include 1 comment (#147) submitted after the P802.3cg draft 1.3 Task Force review deadline.

M: Valerie Maguire S:

Approved by voice without opposition (Procedural > 50%)

Motion Passes

Motion #4: Accept the resolutions to all P802.3cg d1p3 comments marked with the Topic “EZ” and posted as, “EZ Bucket” comments with proposed resolutions sorted by clause/subclause’, excluding none.

M: Valerie Maguire S: Gergely Huszak

Approved by voice without opposition (Procedural > 50%)

Motion Passes

At this time, the editor's report was concluded.

COMMENT RESOLUTION

Decisions during comment resolution were made by consensus, except where noted that motions were taken. For details on comment resolution see the posted comment database.

Presentations related to comment resolution are listed as they were presented. Details on the outcome of these presentations are contained in the comment database.

Straw Poll #1:

I support: (pick one 1)

A: Accepting the OAM_REMOVAL comments

B: Accepting the UD comments and assume that registers come in by 6 tonight.

C: I don't know and want to hear more.

A:25

B:7

C:9

The meeting recessed for a short break at 3:23 PM.

The meeting resumed at 3:48 PM.

Comment resolution continued.

Straw Poll #2:

I support: (pick one)

A: Accepting the OAM_REMOVAL comments

B: Accepting the UD comments and use comment 139 for the registers.

A:33

B:2

Motion #5: Accept the proposed resolution "ACCEPT IN PRINCIPLE" to comment 92 – MASTER comment for OAM_REMOVAL

M: James Withey S: Tim Baggett

Y: 46 N:1 A: 8

MOTION PASSES (Technical (>= 75%))

Straw Poll #3:

I support: (pick one)

A: Accepting the JJHH comments as proposed

B: Rejecting the JJHH comments as proposed

A: 28

B: 2

Abstain: 20

Comment resolution concluded.

The Chair noted that based on the progress today the group would start tomorrow's meeting at 9:00 AM.

The Task Force meeting recessed for the day at 5:15 PM.

The Task Force was brought to order at 9:02 AM.

Mr. Zimmerman called the meeting to order.

- Mr. Zimmerman noted that there should be no recording or photography.
- Mr. Zimmerman asked if anyone was attending from the press including those who would run a public blog on this meeting. None responded.

Chair reviewed the goals for the meeting, big ticket items, access to the reflector and website, and ground rules for the meeting.

Attendance, Mr. Zimmerman advised the group that the attendance tool should be used each day to record attendance. The physical attendance log was introduced and passed to the group.

IEEE Patent Policy, at **9:16 AM**, Mr. Zimmerman asked if anyone had not seen the patent policy this week, none responded. Mr. Zimmerman then made the call for potentially essential patents at **9:17 AM**, none responded. The Chair then read aloud slide #3 and slide #4.

Mr. Zimmerman reviewed the slide entitled “Participation in IEEE 802 Meetings” and asked if there was any discussion necessary, none responded.

Chair reviewed the IEEE 802.3 Standards process and where the Task Force was in the process and the process by which we will develop the standard.

Title: Editor’s Closing Report: P802.3cg Draft D1.3 (maguire_3cg_02_0718.pdf)
Presenter: Valerie Maguire, Siemon; P802.3cg chief editor

The Chief Editor asked if there was any objection to reopening several comments that were found to have minor errors during comment resolution, none responded.

Comments reviewed were: 25, 26, 44, 31. Details on the results of the changes are contained in the comment database.

Motion #6: Generate Draft 2.0 from draft 1.3 and the closed comments, and request that IEEE 802.3 progress the draft to WG Ballot.

M: Valerie Maguire

S: Kirsten Matheus

Y: 64 N: 0 A: 0

MOTION PASSES (Technical (>= 75%))

The Chair then reviewed the proposed timelines and discussion was heard on the different options presented.

Straw Poll #4:

I am likely to attend 802.3cg at:

September 2018 interim, Spokane, WA, USA:

Y: 25 N: 22 M: 10

Nov 2018 802 Bangkok Thailand plenary:

Y: 31 N: 11 M: 17

Room Total: 69

The meeting recessed for a short break at 10:04 AM.

The meeting resumed at 10:31 AM.

The Chair called the meeting back to order and discussed the timeline and the challenges with accelerating the schedule.

Motion #7: Adopt revised timeline as shown on slide 30 of agenda_01c_0718.pdf.

M: Bob Voss

S: Mehmet Tazebay

Y: 54 N: 0 A: 1

MOTION PASSES (Procedural (> 50%))

Title: Ad hoc report (jones_01_0718.pdf)

Presenter: George Zimmerman, CME Consulting/ADI, APL Group, BMW, Cisco, Commscope, LTC

Title: 802.3cg draft 2.0 PLCA (Clause 148) Overview (PLCA%20overview.pdf)

Presenter: Piergiorgio Beruto, Canova Tech.

Having exhausted the agenda items the Chair asked if there was any further business, none responded.

Motion #8: Adjourn the meeting.

M: Gergely Huszak

S: Clark Carty

Approved by voice without opposition (Procedural > 50%)

Motion Passes

THE MEETING ADJOURNED AT 11:39 AM

Appendix A: Attendees at the IEEE P802.3cg 10 Mb/s Single-Pair Ethernet Task Force Meeting, July 9-10, 2018.

Last Name	First Name	Employer	Affiliations	Mon 9 July	Tues 10 July
Agnes	Andrea	ST Microelectronics	ST Microelectronics	X	X
Amason	Dale	NXP	NXP	X	X
An	Hongming	Microchip	Microchip	X	X
Baggett	Tim	Microchip	Microchip	X	X
Bains	Amrik	Cisco	Cisco	X	X
Beaudoin	Denis	TI	TI		X
Beruto	Piergiorgio	Canova Tech SRL	Canova Tech SRL	X	X
Booth	Brad	Microsoft	Microsoft	X	
Brandt	David	Rockwell Automation	Rockwell Automation	X	X
Brownlee	Phillip	Independent	TDK	X	X
Brychta	Michal	Analog Devices	Analog Devices	X	X
Buckmeir	Brian	Bel Fuse Inc.	Bel Fuse Inc.	X	X
Carlson	Steve	High Speed Design	Robert Bosch/Marvell	X	X
Carty	Clark	Cisco	Cisco	X	X
Cates	Ron	Marvell	Marvell		X
Chabot	Craig	UNH-IOL	UNH-IOL	X	
Chen	Dixon	Microchip	Microchip	X	X
Darshan	Yair	Microchip	Microchip		X
Dawson	Fred	Chemours	Chemours	X	

Last Name	First Name	Employer	Affiliations	Mon 9 July	Tues 10 July
Den Besten	Gerrit	NXP Semiconductors	NXP Semiconductors	X	X
DiBiasco	Eric	TE Connectivity	TE Connectivity		X
DiMinico	Christopher	MC Communications	Panduit	X	
Dinh	Thuyen	Pulse Electronics	Pulse Electronics	X	X
Donahue	Curtis	UNH - IOL	UNH - IOL	X	
Dube	Kathryn	UNH-IOL	UNH-IOL	X	X
Eyal	Massad	Valens Semiconductor	Valens Semiconductor		X
Fathi Moghadam	Borhan	NVIDIA	NVIDIA	X	X
Franchuk	Brian	Emerson Automation Solutions	Emerson Automation Solutions	X	X
Fritsche	Matthias	Harting	Harting	X	X
Fukuoka	Takashi	Auto Networks Tech.	Auto Networks Tech.	X	
Gauthier	Claude	NXP	NXP	X	X
Goto	Hideki	Toyota Motor Corp.	Toyota Motor Corp.	X	X
Graber	Steffen	Pepperl+Fuchs	Pepperl+Fuchs	X	X
Grau	Olaf	Robert Bosch	Robert Bosch		X
Griffiths	Scott	Rockwell Automation	Rockwell Automation	X	X
Grow	Robert	RMG Consulting	RMG Consulting	X	
Hess	Dave	Cord Data	Cord Data	X	X
Hogenmueller	Thomas	Bosch	Bosch		X
Hopkinson	Wayne	Commscope	Commscope	X	X
Hormeyer	Bernd	Phoenix Contact	Phoenix Contact		X

Last Name	First Name	Employer	Affiliations	Mon 9 July	Tues 10 July
Huszak	Gergely	Kone	Kone	X	X
Islinger	Tobias	Denso Automotive Germany	Denso Automotive Germany	X	X
Jimenez	Andrew	Anixter Inc.	Anixter Inc.	X	X
Jones	Peter	Cisco	Cisco	X	
Jung	Inyong	Hyundai Motors	Hyundai Motors	X	X
Kabka	Lokesh	Synopsys Inc.	Synopsi Inc.	X	
Kanuri	Mrudula	NVIDIA	NVIDIA	X	X
Kim	Yong	NIO	NIO		X
Klaus	Andrew	Marvell	Jaspar	X	X
Lackner	Hans	QoSCom	QoSCom	X	X
Lang	John	Microchip	Microchip	X	X
Lawlis	James	Ford Motor Company	Ford Motor Company	X	X
Lewis	Jon	Dell EMC	Dell EMC	X	X
Lin	Alex	Realtek	Realtek	X	X
Lo	William	Axonne Inc.	Axonne Inc.	X	X
Maguire	Valerie	Siemon	Siemon	X	X
Mash	Chris	Marvell	Marvell	X	
Matheus	Kirsten	BMW	BMW	X	X
McClellan	Brett	Marvell	Marvell	X	X
Mercadante	Giacomo	ST Microelectronics	ST Microelectronics	X	X
Miller	Martin	Microchip	Microchip	X	X

Last Name	First Name	Employer	Affiliations	Mon 9 July	Tues 10 July
Moritake	Toshijuki	JAE	JAE		X
Mueller	Harald	Endress+Hauser	Endress+Hauser	X	X
Nomura	Takumi	NEC	Jaspar	X	X
Ouellette	Eric	UNH-IOL	UNH-IOL	X	X
Pandey	Sujan	NXP	NXP	X	X
Park	Sungkwon	Hanyang University	Hanyang University	X	X
Rashidi	Habib	Pulse Electronics	Pulse Electronics	X	X
Regev	Alon	Keysight Technologies	Keysight Technologies	X	X
Reinhard	Michael	SEI ANTech-Europe GmbH	SEI ANTech-Europe GmbH	X	X
Renteria	Victor	Bel Fuse Inc.	Bel Fuse Inc.	X	X
Salehi	Hamidreza	Marvell	Marvell	X	X
Schuessler	Jim	Samsung Electronics	Samsung Electronics	X	X
Sparrowhawk	Bryan	Leviton	Leviton	X	X
Stewart	Heath	Analog Devices	Analog Devices	X	
Taiji	Kondo	Megachips	Megachips	X	X
Tazebay	Mehmet	Broadcom Ltd.	Broadcom Ltd.	X	X
Tellas	Ron	Belden	Belden	X	X
Thompson	Geoff	GraCaSI SA.	Independent	X	
Tremblay	David	HPE	HPE	X	
Tseng	Dachin	Realtek	Realtek	X	X
Voss	Bob	Panduit	Panduit	X	X
Welby	Stephen	IEEE	IEEE	X	

Last Name	First Name	Employer	Affiliations	Mon 9 July	Tues 10 July
Wendt	Matthias	Signify	Signify	X	X
Wienckowski	Natalie	GM	GM	X	X
Withey	James	Fluke Networks	Fluke Networks	X	X
Wu	Peter	Marvell	Marvell	X	X
Wucher	Markus	Endress+Hauser	Endress+Hauser	X	X
Xu	Dayin	Rockwell Automation	Rockwell Automation	X	X
Yasukawa	Masaki	NEC Magnus Communications	NEC Magnus Communications	X	X
Zahy	Madgar	Valens Semiconductor	Valens Semiconductor		X
Zimmerman	George	CME Consulting	Commscope, Aquantia, CME Consulting, Cisco, ADI, BMW, APL Group	X	X
Zweck	Harald	Infineon Tech.	Infineon Tech.	X	X