

Unconfirmed Meeting Minutes: IEEE P802.3ch Multi-Gigabit Automotive Ethernet PHY Task Force

March 20, 2019
Salt Lake City, UT USA

Prepared by Jon Lewis

IEEE P802.3ch Multi-Gigabit Automotive Ethernet PHY Task Force meeting convened at 9:00 AM, Tuesday, May 20, 2019 by Steve Carlson, Task Force Chair.

Attendance is listed in Appendix A

Administrative Matters

Mr. Carlson reviewed the agenda in [agenda_3ch_01a_0519.pdf](#).

The Chair called for the participants to introduce themselves.

Motion #1: Move to approve the agenda as shown in [agenda_3ch_01a_0519.pdf](#)

M: Brett McClellan

S: Eric DiBiaso

Approved by voice without opposition (Procedural > 50%)

Motion Passes

Mr. Carlson noted that there should be no recording or photography.

At 9:08 AM, Mr. Carlson asked if anyone was attending from the press including those who would run a public blog on this meeting. None responded.

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

Attendance, Mr. Carlson advised the group of the IEEE meeting attendance tool and procedures, including both the attendance book and the web attendance tracking tool.

The WG Chair reviewed the IEEE structure for standards development and the bylaws by which the Task Force is governed.

IEEE Patent Policy, at **9:18 AM**, Mr. Carlson showed the patent slides and proceeded to read aloud slides 1 and 2. Mr. Carlson made the call for potentially essential patents at **9:20 AM**, and none responded. Mr. Carlson then read aloud slides 3 and 4.

Mr. Carlson showed slide 16 entitled “Participation in IEEE 802 Meetings” and proceeded to read the slide aloud. Mr. Carlson asked if there was any discussion on the slide, none responded.

The 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.

The Chair then showed the locations of the approved project documents for the Task Force and reviewed the objectives for the Task Force.

Liaisons:

[ISO/IEC JTC1 SC25 to IEEE 802.3 on ISO/IEC TR 11801-9909](#)

The Task Force reviewed the letter and agreed that no response was necessary.

PRESENTATIONS:

Mr. Carlson then moved to the presentations for the meeting.

Title: Ad-Hoc Report ([zimmerman diminico 3ch 01 0519.pdf](#))

Presenter: George Zimmerman, Commscope, Aquantia, CME Consulting, Cisco, ADI, BMW, APL Group, SensTek

Wednesday, 7-9AM Pacific Time every 2 weeks.

Next scheduled ad hoc is 5/29/19. The meeting notice will be available in the private area.

The TX to RX ad hoc will continue to meet at Friday 7-9 AM Pacific Time every 2 weeks and will meet on Tuesday May 21, 2019 at the May interim.

Motion #2: Move to approve the minutes of the March 2019 and April 2019 IEEE P802.3ch Multi-Gigabit Automotive Ethernet PHY Task Force Meetings.

M: Chris Mash S: Bob Grow

Approved by voice without opposition (Procedural > 50%)

Motion Passes

Title: Opening Editor's Report – P802.3ch Draft 1.3 ([wienckowski 3ch 02 0519.pdf](#))

Presenter: Natalie Wienckowski, General Motors

Title: P802.3ch -Voting and Commenting WG ballot ([wienckowski 3ch 01 0519.pdf](#))

Presenter: Natalie Wienckowski, General Motors; Steve Carlson, High Speed Design, Robert Bosch, Marvell

The Task Force took a short break at 10:16 AM, resuming at 10:32 AM.

The Chair called the meeting back to order and the “P802.3ch -Voting and Commenting WG ballot” continued.

Title: Closing Editor's Report – P802.3ch Draft 1.1 ([wienckowski 3ch 03a 0519.pdf](#))

Presenter: Natalie Wienckowski, General Motors

Motion #3: Move to instruct the Chief Editor to create D2.0 from D1.3 and request that IEEE802.3 progress the draft to WG Ballot.

M: Natalie Wienckowski S: George Zimmerman

(Technical \geq 75%)

Approved by voice without opposition

Motion Passes

Straw Poll #1: Future Meetings

Attend July 2019 802 Vienna, Austria plenary:

Y: 29 N: 3 M: 14

Attend Sept 2019 interim, Indianapolis, IN, USA:

Y: 12 N: 1 M: 31

Motion #4: Move to adjourn.

M: Phil Brownlee

S: Bob Grow

Approved by voice without opposition (Procedural $>$ 50%)

The Task Force meeting was adjourned at 11:25 AM.

Appendix A: Attendees at the IEEE P802.3ch Multi-Gigabit Automotive Ethernet PHY Task Force Meeting, May 20, 2019.

IEEE 802.3 P802.3ch Multi-Gig Automotive Ethernet PHY Task Force IEEE 802.3 May 2019				Day 1 20 May
By choosing to attend and sign in to this meeting, you acknowledge and agree that your personal data will be documented for IEEE standards development purposes to comply with policies and procedures, legal and accreditation requirements, and evaluation of patent claims by patent offices. See Front Page for additional information.				
Last Name	First Name	Employer	Other Affiliations	Mon
Aono	Michikazu	Yazaki	Yazaki	X
Boyer	Rich	Aptiv	Aptiv	X
Brownlee	Phillip	Independent	TDK	X
Carlson	Steve	High Speed Design	Robert Bosch, Marvell	X
Chabot	Craig	UNH-IOL	UNH-IOL	X
DiBiaso	Eric	TE Connectivity	TE Connectivity	X
Dodge	Mathew	UNH-IOL	UNH-IOL	X
Dube	Kathryn	UNH-IOL	UNH-IOL	X
Emily	Uhoi	DGIST	DGIST	X
Fazlolahi	Amir	Futurewei Technologies	Futurewei Technologies	X
Fritsche	Matthias	Harting	Harting	X
Gauthier	Claude	NXP Semiconductors	NXP Semiconductors	X
Gook	Jeung	DGIST	DGIST	X
Grow	Robert	RMG Consulting	RMG Consulting	X

**IEEE 802.3 P802.3ch Multi-Gig Automotive Ethernet PHY Task Force
IEEE 802.3 May 2019**

Day 1
20 May

By choosing to attend and sign in to this meeting, you acknowledge and agree that your personal data will be documented for IEEE standards development purposes to comply with policies and procedures, legal and accreditation requirements, and evaluation of patent claims by patent offices. See Front Page for additional information.

Last Name	First Name	Employer	Other Affiliations	Mon
Gubow	Martin	Keysight Technologies	Keysight Technologies	X
Hess	Dave	Cord Data	Cord Data	X
Hyakutake	Yasuhiro	Adamant Namiki Precision Jewel	Adamant Namiki Precision Jewel	X
Kadry	Haysam	Ford Motor Company	Ford Motor Company	X
Kagami	Manabu	NITech	NITech	X
Kondo	Taiji	Megachips	Megachips	X
Koppermiller	Daniel	MD Elektronik GmbH	MD Elektronik GmbH	X
Lackner	Hans	QoSCom GmbH	QoSCom GmbH	X
Lewis	Jon	Dell EMC	Dell EMC	X
Lo	William	Axonne Inc	Axonne Inc	X
Mash	Chris	Marvell	Marvell	X
Matheus	Kirsten	BMW	BMW	X
McClellan	Brett	Marvell	Marvell	X
McMillan	Larry	Western Digital	Western Digital	X
Niihara	Yoshihiro	Fujikura	Fujikura	X
Oberg	Mats	Marvell	Marvell	X

**IEEE 802.3 P802.3ch Multi-Gig Automotive Ethernet PHY Task Force
IEEE 802.3 May 2019**

Day 1
20 May

By choosing to attend and sign in to this meeting, you acknowledge and agree that your personal data will be documented for IEEE standards development purposes to comply with policies and procedures, legal and accreditation requirements, and evaluation of patent claims by patent offices. See Front Page for additional information.

Last Name	First Name	Employer	Other Affiliations	Mon
Ohni	Josef	MD Elektronik	MD Elektronik	X
Pandey	Sujan	NXP	NXP	X
Pardo	Carlos	KDPOF	KDPOF	X
Patel	Harsh	Molex, LLC	Molex, LLC	X
Rabinovich	Rick	Keysight Technologies	Keysight Technologies	X
Regev	Alon	Keysight Technologies	Keysight Technologies	X
Reinhard	Michael	SEI Antech-Europe GmbH	SEI Antech-Europe GmbH	X
Renteria	Victor	Bel Fuse Inc	Bel Fuse Inc	X
Ruju	Partharavuty	Tektronix	Tektronix	X
Ryan	Tim	UNH-IOL	UNH-IOL	X
Salehi	Hamid Reza	Marvell	Marvell	X
Savi	Olindo	Hubbell	Hubbell	X
Sederat	Hossein	Ethernovia	Ethernovia	X
Sedio	Steve	TDK	TDK	X
Shariff	Masood	Commscope	Commscope	X
Shiino	Masato	Furukawa Electric	Furukawa Electric	X
Shoval	Ayal	Synopsys	Synopsys	X

**IEEE 802.3 P802.3ch Multi-Gig Automotive Ethernet PHY Task Force
IEEE 802.3 May 2019**

Day 1
20 May

By choosing to attend and sign in to this meeting, you acknowledge and agree that your personal data will be documented for IEEE standards development purposes to comply with policies and procedures, legal and accreditation requirements, and evaluation of patent claims by patent offices. See Front Page for additional information.

Last Name	First Name	Employer	Other Affiliations	Mon
Sisk	Jason	UNH-IOL	UNH-IOL	X
Souvignier	Tom	Broadcom Ltd.	Broadcom Ltd.	X
Sparrowhawk	Bryan	Leviton	Leviton	X
Stewart	Heath	Analog Devices	Analog Devices	X
Takeuchi	Junichi	JAE Electronics	JAE Electronics	X
Talato	Kumaga	Yazaki	Yaz	X
Tazebay	Mehmet	Broadcom Ltd.	Broadcom Ltd.	X
Toshiyuki	Moritake	JAE Electronics	JAE Electronics	X
Tu	Mike	Broadcom Ltd.	Broadcom Ltd.	X
Vakilian	Kambiz	Broadcom Ltd.	Broadcom Ltd.	X
Wei	Dong	Futurewei Technologies	Futurewei Technologies	X
Wienckowski	Natalie	GM	GM	X
Wu	Peter	Marvell	Marvell	X
Wu	Dance	Marvell	Marvell	X
Zimmerman	George	CME Consulting	Commscope, Aquantia, CME Consulting, Cisco, ADI, BMW, APL Group, SensTek	X

