

Unconfirmed Meeting Minutes: IEEE P802.3ch Multi-Gigabit Automotive
Ethernet PHY Task Force
November 11-13, 2019
Waikoloa Village, HI USA

Prepared by Jon Lewis

IEEE P802.3ch Multi-Gigabit Automotive Ethernet PHY Task Force meeting convened at 1:30PM, Monday, November 11, 2019 by Steve Carlson, Task Force Chair.

Attendance is listed in Appendix A

Administrative Matters

Mr. Carlson displayed the agenda in [agenda_3ch_01a_1119.pdf](#).

The Chair called for the participants to introduce themselves.

Motion #1: Move to approve the agenda as shown in [agenda_3ch_01a_1119.pdf](#)

M: Tom Souvignier

S: Brett McClellan

Approved by voice without opposition (Procedural > 50%)

Motion Passes

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

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. Mr. Carlson noted that the on-line attendance tool was only available in the opening plenary today.

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

IEEE Patent Policy, at **1:44 PM**, 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 **1:46 PM**, and none responded. Mr. Carlson then read aloud slides 3 and 4.

Mr. Carlson showed and read aloud the copyright slides.

Mr. Carlson showed slides 18-20 and proceeded to read the slides 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:

None

PRESENTATIONS:

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

Motion #2: Move to approve the minutes of the September 2019 joint interim, October 2019 contingent interim teleconference, and September 18th ad hoc meetings of the IEEE P802.3ch Multi-Gigabit Automotive Ethernet PHY Task Force Meetings.

**M: George Zimmerman S: Natalie Wienckowski
Approved by voice without opposition (Procedural > 50%)
Motion Passes**

**Title: Opening Editor's Report – P802.3ch Draft 2.3.1 ([wienckowski 3ch 01 1119.pdf](#))
Presenter: Natalie Wienckowski, General Motors**

As there were no comments received on D2.3.1 the Chief Editor moved directly to the closing report.

**Title: Closing Editor's Report – P802.3ch Draft 2.3.1 ([wienckowski 3ch 02 1119.pdf](#))
Presenter: Natalie Wienckowski, General Motors**

Motion #3: Move to instruct the Chief Editor to create D3.0 from D2.3.1.

**M: Natalie Wienckowski S: Curtis Donahue
(Technical >= 75%)
Y: 53 N: 0 A: 1
Motion Passes**

Mr. Carlson displayed and read aloud the CSD responses in
<https://mentor.ieee.org/802-ec/dcn/17/ec-17-0069-00-ACSD-802-3ch.pdf>

Motion #4: Move that the IEEE 802.3 Working Group re-affirm the CSD responses in <https://mentor.ieee.org/802-ec/dcn/17/ec-17-0069-00-ACSD-802-3ch.pdf> and request approval to progress the IEEE P802.3ch draft to IEEE Standards Association ballot.

M: Natalie Wienckowski S: Bob Voss

(Technical >= 75%)

Y: 52 N: 0 A: 1

Motion Passes

Mr. Carlson and the Chief Editor reviewed the SA ballot and RevCom tutorial in:
http://www.ieee802.org/3/ch/public/nov19/revcom_tutorial%20_v3d2_1119.pdf.

The group recessed for a short break at 3:04 PM.

The group resumed at 3:35 PM.

The Chair called the meeting back to order and the Chief Editor resumed reviewing the SA ballot and RevCom tutorial.

Title: Alien Crosstalk at the MDI ([zimmerman_3ch_01_1119.pdf](#))

Presenter: George Zimmerman, CME consulting

Natalie Wienckowski showed a proposed list of dates for the ad hoc calls, showing the different dates for P802.3ch and the B10GAUTO Study Group. These dates will be sent via the reflector and the meeting details will be on the website.

Motion #:5 Move to adjourn.

M: Bob Grow S: Pavel Zivny

Approved by voice without opposition (Procedural > 50%)

The Task Force meeting was adjourned at 11:21AM.

Appendix A: Attendees at the IEEE P802.3ch Multi-Gigabit Automotive Ethernet PHY Task Force Meeting, November 11, 2019.

IEEE 802.3 P802.3ch Multi-Gig Automotive Ethernet PHY Task Force IEEE 802.3 November 2019	Day 1 11 Nov
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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
Andrae	Stefan	SEI Antech-Europe GmbH	SEI Antech-Europe GmbH	X
Aono	Michikazu	Yazaki	Yazaki	X
Baggett	Tim	Microchip	Microchip	X
Beaudoin	Denis	TI	TI	X
Bhagwat	Gitesh	Analog Devices	Analog Devices	X
Boyer	Rich	Aptiv	Aptiv	X
Buchanan	Rory	On Semiconductor	On Semiconductor	X
Carlson	Steve	High Speed Design	Robert Bosch, Marvell	X
Carty	Clark	Cisco	Cisco	X
Dawson	Fred	Chemours	Chemours	X
DiBiaso	Eric	TE Connectivity	TE Connectivity	X
Donahue	Curtis	UNH-IOL	UNH-IOL	X
Eyal	Massad	Valens Semi	Valens Semi	X
Goto	Hideki	Toyota Motor Corporation	Toyota Motor Corporation	X
Grow	Robert	RMG Consulting	RMG Consulting/KDPOF	X
Gubow	Martin	Keysight Technologies	Keysight Technologies	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
Kikuta	Tomahiro	Adamant Namiki Precision Jewel	Adamant Namiki Precision Jewel	X
Kondo	Taiji	Megachips	Megachips	X
Kurata	Kazuhiko	AIO Core	AIO Core	X
Lackner	Hans	QoSCom GmbH	QoSCom GmbH	X

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Day 1
11 Nov

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Last Name	First Name	Employer	Other Affiliations	Mon
Lennartssen	Kent	Kuaser AB	Kuaser AB	X
Lewis	Jon	Dell EMC	Dell EMC	X
Lin	Alex	Mediatek	Mediatek	X
Lo	William	Axonne Inc	Axonne Inc	X
Madgar	Zahy	Valens	Valens	X
Mash	Chris	Ethernovia	Ethernovia	X
McClellan	Brett	Marvell	Marvell	X
McMillan	Larry	Western Digital	Western Digital	X
McSorley	Greg	Amphenol	Amphenol	X
Mortazavi	Sanaz	Volkswagon	Volkswagon	X
Nadolny	Jim	Samtec	Samtec	X
Niihara	Yoshihiro	Fujikura	Fujikura	X
Perez Aranda	Rubeh	KDPOF	KDPOF	X
Renteria	Victor	Bel Fuse Inc	Bel Fuse Inc	X
Ruju	Partharavuty	Tektronix	Tektronix	X
Sederat	Hossein	Ethernovia	Ethernovia	X
Shariff	Masood	Commscope	Commscope	X
Shiino	Masato	Furukawa Electric	Furukawa Electric	X
Shirani	Ramin	Ethernovia	Ethernovia	X
Souvignier	Tom	Broadcom Ltd.	Broadcom Ltd.	X
Sparrowhawk	Bryan	Leviton	Leviton	X
Stewart	Heath	Analog Devices	Analog Devices	X
Takahashi	Tadashi	Nitto Denko Corporation	Nitto Denko Corporation	X
Takayama	Kazuya	Nitto Denko Corporation	Nitto Denko Corporation	X
Takeuchi	Junichi	JAE Electronics	JAE Electronics	X
Thompson	Geoff	GraCaSI SA.	Independent	X

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Last Name	First Name	Employer	Other Affiliations	Mon
Tseng	Tachin	Realtek	Realtek	X
Voss	Bob	Panduit	Panduit	X
Wang	Alvin	Huawei	Huawei	X
Wang	Zhu	MTK	MTK	X
Wienckowski	Natalie	GM	GM	X
Zhu	Chunhui	Huawei	Huawei	X
Zimmerman	George	CME Consulting	Commscope, Marvell, CME Consulting, Cisco, ADI, BMW, APL Group, SensTek	X
Zivney	Pavel	Textronix	Tektronix	X