

Confirmed Meeting Minutes:
IEEE P802.3dh Multi-Gigabit Automotive Ethernet over Plastic Optical Fiber Task Force
Interim Meeting
September 12-13, 2022
Telephonic

Prepared by Kazuya Takayama

IEEE P802.3dh Multi-Gigabit Automotive Ethernet over Plastic Optical Fiber Task Force meeting convened at 14:01 UTC, Monday, September 12th, 2022 by Yuji Watanabe, Task Force Chair.

Attendance is listed in Appendix A

Administrative Matters:

Mr. Watanabe called the meeting to order. Mr. Watanabe displayed the agenda in [Agenda dh 01 2022 09 12.pdf](#)

Mr. Watanabe reviewed meeting agenda and asked any correction or modification needed. **None responded. Agenda is approved.**

Mr. Watanabe asked TF about any correction / modification are needed for the August 24th ad hoc meeting Minutes. **None responded. Minutes is approved.**

Mr. Watanabe reviewed Task Force decorum and asked if anyone from the press was present. **None responded.**

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

Mr. Watanabe reviewed the IEEE structure for standards development and the bylaws and rules by which the Task Force is governed.

IEEE Patent Policy, at 14:08 UTC, Mr. Watanabe read aloud the patent policy slides (agenda PDF pages 11-12). Mr. Watanabe made the call for potentially essential patents at 14:09 UTC, and **none responded.**

Mr. Watanabe continued to read aloud slides (agenda PDF pages 13-14).

Mr. Watanabe read aloud the IEEE-SA copyright slides (agenda PDF pages 16-17).

Mr. Watanabe read aloud the IEEE-SA participation slides, (agenda PDF pages 18-20).

Mr. Watanabe quickly 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:

None

Action Items:

None

Mr. Watanabe showed the location of the approved project documents for the Task Force and reviewed the objectives for the Task Force.

Mr. Watanabe showed the proposed timeline for Task Force

Mr. Watanabe reviewed Task Force Meetings and Work ahead

Mr. Watanabe showed list of presentations to be presented in the meeting.

Mr. Watanabe announced the future meetings.

Attendance:

Mr. Watanabe noted that the attendance for this meeting was being recorded in IMAT and provided a link to IMAT training. IMAT session code was showed on the screen.

Mr. Pérez-Aranda proposed presentation order and the timing of motion. 1.PCS&PMA proposal, 2. Optical Link over GI POF, 3. Straw poll / Motion, 4. VCSELS presentation. No one made objection to this presentation order.

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

Presentations:

Title: **PCS & PMA proposal** ([perezaranda_3dh_02a_2209_pcspma.pdf](#))

Presenter: **Rubén Pérez-Aranda, KDPOF**

This presentation explains the rationale behind the proposal of adopting PCS and PMA baseline text.

Mr. Watanabe requested to the member that questions and comments will be taken after Mr. Murty's presentation.

Title: **Optical Link over GI POF** ([murty_3dh_01_220912.pdf](#))

Presenter: **Ramana Murty, Broadcom Inc.**

This presentation explains the rationale behind the proposal of using 25GBASE-SR for the optical link over GI POF.

Mr. Watanabe proposed that Q&A for these two presentations resume tomorrow since there is not enough time to proceed. No one is objecting to this proposal.

The group recessed for 22 hours break at 16:00 UTC.

The group resumed at 14:02 UTC, Tuesday, September 13th

Mr. Watanabe briefly reviewed administrative slides.

Attendance:

Mr. Watanabe noted that the attendance for this meeting was being recorded in IMAT.

IMAT session code was showed on the screen.

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

Q&A for previous two presentations resume.

Several questions and comments were made to “PCS & PMA proposal”. Mr. Pérez-Aranda answered.

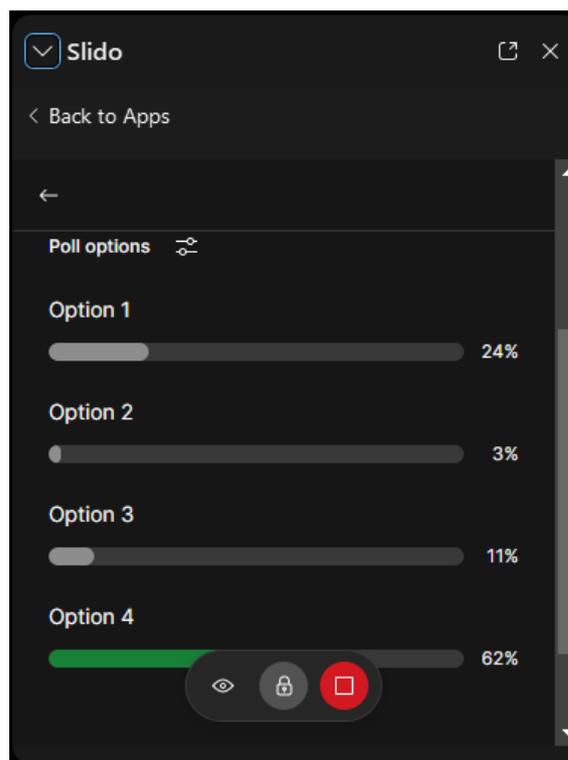
A few questions and comments were made to “Optical Link over GI POF”. Mr. Murty answered.

Mr. Pérez-Aranda called the straw poll.

Straw Poll #1:

To adopt the BASE-U PCS and PMA sublayers as they are specified in P802.3cz/D3.01 to be reused by P802.3dh PHYs.

Option 1: Yes:	9 (24%)
Option 2: No:	1 (3%)
Option 3: Abstain:	4 (11%)
Option 4:	
Need more information:	23 (62%)
Total vote counts:	37



Mr. Pérez-Aranda proposed postpone his 2nd presentation to the next ad hoc meeting.

Mr. Watanabe proposed next ad hoc meeting date on September 28th starting at 14:00 UTC.

The Task Force meeting was adjourned at 15:52 UTC.

Appendix A: Attendees at the IEEE P802.3dh Task Force, September 12th and 13th, 2022.

Name	Affiliation	9/12	9/13
Abbott, John	Corning Incorporated	X	X
Akbaba, Enis	ADI	X	
Akin, Sami	Volkswagen Ag	X	X
Araki, Nobuyasu	Yazaki Corporation	X	X
Ben-Artzi, Liav	Marvell Semiconductor, Inc.	X	
Borda, Jamila Josip	BMW Group	X	X
Boyer, Rich	Aptiv Signal and Power Solutions	X	X
Calvin, John	Keysight Technologies	X	
Carty, Clark	Cisco Systems, Inc.	X	
Choudhury, Mabud	OFS	X	
Dawe, Piers	Nvidia	X	X
Diminico, Chris	Panduit Corp.	X	
Dittmann, Markus	KDPOF	X	X
Donthu, Suresh	Corning Incorporated	X	
Ferretti, Vincent	Corning Incorporated	X	
Feyh, German	Broadcom Corporation	X	X
Glanzner, Martin	SEI Automotive Europe GmbH		X
Gomez, Chisato	Nitto, Inc. (New Business Development Div.)	X	X
Goto, Hideki	Toyota Motor Corporation	X	X
Graba, James	Broadcom Corporation	X	X
Grow, Robert	RMG Consulting, KDPOF	X	X
Harshbarger, Douglas	Corning Incorporated	X	X
Hayashi, Takehiro	HAT Lab., Inc.		X
Hirase, Hidenari	AGC	X	X
Hoser, Mirko	II-VI	X	
Hyakutake, Yasuhiro	Adamant Namiki Precision Jewel Co., Ltd.	X	X
Isono, Hideki	Fujitsu Optical Components Limited	X	X
Kagami, Manabu	Nagoya Institute of Technology (NITech)	X	X
Kawahara, Keisuke	Furukawa Electric	X	X
Kikuta, Tomohiro	Adamant Namiki Precision Jewel Co., Ltd.	X	X
Kimber, Mark	Semtech Ltd		X
Koependoerfer, Erwin	LEONI Kabel GmbH		X
Kubota, Masaki	AGC	X	X
Kurashima, Kazuyoshi	AGC	X	X
Laubach, Mark	IEEE member / Self Employed	X	

Maguire, Valerie	Copperopolis	X	
Mahlich, Matthias	Robert Bosch GmbH	X	X
Malicoat, David	Malicoat Networking Solutions; SENKO Advanced Components	X	X
Martino, Kjersti	Inneos	X	X
Mueller, Harald	Endress + Hauser	X	
Mueller, Thomas	Rosenberger	X	
Murty, Ramana	Broadcom Corporation	X	X
Niihara, Yoshihiro	Fujikura Ltd.	X	X
Oi, Shigehiro	AGC	X	X
Pandey, Sujan	Huawei Technologies (Netherlands) B.V.		X
Pardo, Carlos	KDPOF	X	
Perez De Aranda Alonso, Ruben	KDPOF	X	X
Powell, William	INDEPENDENT	X	
Reinhard, Michael	SEI Automotive Europe GmbH		X
Rush, Joshua	University of New Hampshire InterOperability Laboratory (UNH-IOL)		X
Sawano, Hitoshi	OITDA	X	X
Shiino, Masato	FURUKAWA ELECTRIC	X	X
Shubochkin, Roman	OFS	X	
Simms, William	NVIDIA	X	X
Souvignier, Tom	Broadcom Corporation	X	X
Sun, Yi	OFS		X
Takahashi, Satoshi	Self Employed	X	X
Takahashi, Tadashi	Nitto Denko Corporation	X	X
Takayama, Kazuya	Nitto Denko Corporation	X	X
Torres, Luis	Knowledge Development for Plastic Optical Fiber	X	X
Tsujita, Yuichi	Nitto, Inc.; New Business Development Division	X	X
Tsuzaki, Nozomi	Independent	X	X
Watanabe, Yuji	AGC	X	X
Wienckowski, Natalie	General Motors Company	X	X
Withey, James	Fluke	X	
Wu, Peter	Marvell Semiconductor, Inc.	X	
Zhuang, Yan	Huawei Technologies Co., Ltd	X	
	Attendees total	59	48