

Confirmed Meeting Minutes:
IEEE P802.3dh Multi-Gigabit Automotive Ethernet over Plastic Optical Fiber Task Force
Plenary Meeting (Hybrid)
July 13-14, 2022
Montreal, Quebec, Canada

Prepared by Kazuya Takayama

IEEE P802.3dh Multi-Gigabit Automotive Ethernet over Plastic Optical Fiber Task Force meeting convened at 8:00AM, Wednesday, July 13th, 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 01a 2022 07 13.pdf](#).

Mr. Watanabe appointed Satoshi Takahashi as recording secretary for this session.

Mr. Watanabe reviewed meeting agenda and asked any correction or modification needed. None responded. **Agenda 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, big ticket items, access to the reflector and website, ground rules for the meeting.

Attendance:

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

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 8:07AM, Mr. Watanabe read aloud the patent policy slides (agenda slides 15-16).

Mr. Watanabe made the call for potentially essential patents at 8:09AM, and **none responded.**

Mr. Watanabe continued to read aloud slides (agenda slides 17-18).

Mr. Watanabe read aloud the IEEE-SA copyright slides (agenda slides 20-21).

Mr. Watanabe read aloud the IEEE-SA participation slides, (agenda slides 22-24).

Mr. Watanabe 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.

Mr. Watanabe asked TF about any correction / modification are needed for the May Interim Minutes.

None responded. **Minutes is approved.**

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

Mr. Abbott asked presentation material to be named by following IEEE rule.

Presentations:

Title: ***Timeline proposal*** (Revised. Link is not available.)

Presenter: **Yuji Watanabe, AGC Inc.**

This presentation shows a proposed timeline to develop standard by this project.

Several questions were made and Mr. Watanabe answered.

Based on comments, the timeline will be revised and will be discussed tomorrow.

Mr. Watanabe asked Mr. Grow to take chair role while he is presenting.

Title: ***GI-POF for automobile*** ([Watanabe_3dh_02_2207.pdf](#))

Presenter: **Yuji Watanabe, AGC Inc.**

This presentation shows the attenuation, bandwidth, and connection loss of GI-POF cable.

Several questions were made and Mr. Watanabe answered.

Mr. Grow returned the chair role to Mr. Watanabe.

Title: **850nm VCSEL for GI POF Links** ([murty_3dh_01a_220713.pdf](#))

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

This presentation shows the reliability of 850 nm VCSELs. Several questions were made and Mr. Murty answered.

The group recessed for 22 hours break at 10:00AM.

The group resumed at 8:00AM, Thursday, July 14th

Mr. Watanabe briefly reviewed administrative slides and asked attendees who have not seen those slides. None responded.

All administrative slides were skipped.

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

Title: **Collaboration between .3cz and .3dh Specifications to leverage and work to do**
([Perez-Aranda_3dh_01_2207.pdf](#))

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

This presentation shows the collaboration proposal between .3cz and .3dh.

A few comments were made.

Title: **Timeline proposal** ([Watanabe_3dh_01a_2207.pdf](#))

Presenter: **Yuji Watanabe, AGC Inc.**

This presentation shows a proposed timeline to develop standard by this project. Modifications are made based on comments received yesterday.

Several questions were made and Mr. Watanabe answered. And, there are several comments.

Mr. Watanabe proposed ad hoc meeting scheduled on July 27th, 14:00 UTC.

Mr. Watanabe noted that the agenda had been completed and asked if there was any further business. None responded.

The Task Force meeting was adjourned at 8:50AM.

Appendix A: Attendees at the IEEE P802.3dh Task Force, July 13th and 14th, 2022.

Name	Affiliation	13-Jul	14-Jul
Abbott, John	Corning Incorporated	X	X
Akbaba, Enis	ADI	X	
Akin, Sami	Volkswagen Ag	X	X
Araki, Nobuyasu	Yazaki Corporation	X	X
Aronson, Joseph (Joe)	Texas Instruments Inc.	X	
Beaudoin, Denis	Texas Instruments Inc.		X
Borda, Jamila Josip	BMW Group	X	X
Boyer, Rich	Aptiv Signal and Power Solutions	X	X
Castro, Jose	Panduit Corp.	X	
Chang, Jae-yong	Keysight	X	X
Choudhury, Mabud	OFS	X	X
Cuesta, Emilio	TE Connectivity	X	X
Dawe, Piers	Nvidia	X	
Deandrea, John	II-VI / Finisar Corporation	X	
Donthu, Suresh	Corning Incorporated	X	X
Eyal, Massad	Valens	X	X
Fellhauer, Ferix	Robert Bosch GmbH	X	X
Ferretti, Vincent	Corning Incorporated	X	X
Feyh, German	Broadcom Corporation	X	X
Fukuoka, Takashi	Sumitomo Electric Industries, LTD	X	X
Ghiasi, Ali	Ghiasi Quantum LLC; Marvell Semiconductor, Inc.	X	
Glanzner, Martin	SEI Automotive Europe GmbH	X	X
Goto, Hideki	Toyota Motor Corporation	X	X
Grow, Robert	RMG Consulting, KDPOF	X	X
Haasz, Jodi	IEEE SA	X	X
Harshbarger, Douglas	Corning Incorporated	X	X
Hayashi, Takehiro	HAT Lab., Inc.	X	X
Hirase, Hidenari	AGC	X	X
Hyakutake, Yasuhiro	Adamant Namiki Precision Jewel Co., Ltd.	X	X
Isono, Hideki	Fujitsu Optical Components Limited	X	X
Jackson, Kenneth	Sumitomo Electric Industries, LTD		X
Kadry, Haysam	Ford Motor Company	X	
Kagami, Manabu	Nagoya Institute of Technology (NITech)	X	X
Kawahara, Keisuke	Furukawa Electric		X

Name	Affiliation	13-Jul	14-Jul
Kikuta, Tomohiro	Adamant Namiki Precision Jewel Co., Ltd.	X	X
Koeppendoerfer, Erwin	LEONI Kabel GmbH	X	X
Kubota, Masaki	AGC	X	
Kurashima, Kazuyoshi	AGC	X	X
Lambert, Angie	Corning Incorporated	X	X
Madgar, Zahy	Valens	X	X
Mahlich, Matthias	Robert Bosch GmbH	X	X
Malicoat, David	Malicoat Networking Solutions; SENKO Advanced Components	X	
Marris, Arthur	Cadence Design Systems, Inc.	X	X
Martino, Kjersti	Inneos	X	X
Matheus, Kirsten	BMW Group	X	
Mueller, Thomas	Rosenberger	X	
Murty, Ramana	Broadcom Corporation	X	X
New, Anthony	Prysmian Cables & Systems	X	
Niihara, Yoshihiro	Fujikura Ltd.	X	X
Nikolich, Paul	Self/ 802 Chairman	X	
Ninomiya, Tiger	Senko Advanced Components	X	X
Oi, Shigehiro	AGC	X	X
Pardo, Carlos	KDPOF	X	X
Patel, Harsh	Amphenol CS	X	X
Perez De Aranda Alonso, Ruben	KDPOF	X	X
Regan, James	UNH-IOL	X	
Reinhard, Michael	SEI Automotive Europe GmbH	X	X
Sawano, Hitoshi	OITDA		X
Shiino, Masato	FURUKAWA ELECTRIC	X	X
Simms, William	NVDIA	X	X
Sun, Wensheng	Marvell Semiconductor, Inc.	X	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
Ueno, Yuto	Sumitomo	X	

Name	Affiliation	13-Jul	14-Jul
Wang, Haojie	CMCC	X	
Wienckowski, Natalie	General Motors Company	X	X
Yasui, Hideshi	AGC	X	X