

Unconfirmed Meeting Minutes:

IEEE P802.3dh Multi-Gigabit Automotive Ethernet over Plastic Optical Fiber Task Force

Interim Meeting (Telephonic)

January 18<sup>th</sup>, 2023

Prepared by Kazuya Takayama

Wednesday, January 18<sup>th</sup>, 2023, 14:01 UTC

IEEE P802.3dh Multi-Gigabit Automotive Ethernet over Plastic Optical Fiber Task Force meeting convened by Yuji Watanabe, Task Force Chair.

Attendance credit will be based on IMAT recorded attendance.

**Attendance is listed in Appendix A**

**Administrative Matters:**

Mr. Watanabe called the meeting to order.

Mr. Watanabe displayed the agenda in [Agenda dh 01 2023 1 18.pdf](#)

Mr. Watanabe reviewed meeting agenda and asked any correction or modification needed.

No further modification/correction was asked.

**Agenda is approved.**

Mr. Takayama reviewed meeting minutes for November 30<sup>th</sup> Ad Hoc meeting.

([P802d3dh\\_minutes\\_20221130\\_w\\_attendee\\_D1.pdf](#)).

Mr. Watanabe asked any correction or modification needed.

No further modification/correction was asked.

**Meeting minutes for November 30<sup>th</sup> Ad Hoc meeting is approved.**

Mr. Watanabe reviewed General Decorum and asked if anyone from the press was present.

**None responded.**

Mr. Watanabe reviewed Task Force Decorum.

**Goals for the meeting:**

Discussion of the direction of P802.3dh

**Big ticket items:**

- PCS/PMA/PMD
- Fiber characteristics in short length

Mr. Watanabe reviewed the access to the reflector and website, Task Force Private Area, and ground rules for the meeting.

**IEEE Governance:**

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

**IEEE Patent Policy, IEEE-SA copyright Policy:**

Mr. Watanabe read aloud the patent policy slides (agenda: p.14 - p.15).

At 14:10 UTC, Mr. Watanabe made the call for potentially essential patents.

**None responded.**

Mr. Watanabe read aloud other guidelines and patent related information (agenda: p.16 - p.17).

Mr. Watanabe read aloud the IEEE-SA copyright slides (agenda: p.19 – p.20).

Mr. Watanabe read aloud the IEEE-SA participation slides (agenda: p.21 – p.23).

**Project Status:**

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.

Mr. Watanabe reviewed the Liaisons and Communications.

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.

**Presentations:**

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

Mr. Watanabe announced that Mr. Abbott's presentation was postponed to the next meeting.

Mr. Watanabe announced Mr. Takayama to take chair role tentatively for his presentation.

Title: ***Move forward***

([Watanabe 3dh 01a 2023 01 18.pdf](#))

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

Mr. Watanabe proposed to re-use P802.3cz for P802.3dh except wavelength if there is no more new proposal for PCS/PMA to P802.3dh. Discussion continues for the PMD.

Several comments and questions were made. Mr. Watanabe provided answers.

Mr. Pérez-Aranda made comment that all of parameters should be changed if the wavelength range is changed. (Consistency with P802.3cz is important for re-use.) Mr. Pérez-Aranda also commented that the frequency response by bandwidth measurement of GI-POF with in-line connections needs to be considered for loss budget calculation.

Mr. Watanabe planned for the motion to adopt this proposal in the next Task Force meeting.

**Future Meetings:**

Mr. Watanabe proposed the next ad hoc meetings on Feb. 8<sup>th</sup>. A few comments were made. In order to make motion for Mr. Watanabe's proposal, the next meeting was converted to the interim.

March 2023 [Plenary]

- March 13 -16, 2023, Hilton Atlanta, Atlanta GA

May 2023 [Interim]

- May 15 -18, 2023, venue (TBD)

July 2023 [Plenary]

- July 10 -13, 2023, Estrel Berlin, Berlin, Germany

Mr. Watanabe asked any other business to conduct or discussed. **None responded.**

The Task Force ad hoc meeting was adjourned at 14:40 UTC.

(Intentionally left blank below)

Appendix A: Attendees at the IEEE P802.3dh Task Force interim meeting, January 18<sup>th</sup>, 2023.

<b>Name</b>	<b>Affiliation</b>
Akin, Sami	Volkswagen Ag
Alwishah, Abbas	Molex Incorporated
Araki, Nobuyasu	Yazaki Corporation
Borda, Jamila Josip	BMW Group
Feiter, Gangolf	CSC, ISO TC22/SC31/WG2 chair
Ferretti, Vincent	Corning Incorporated
Feyh, German	Broadcom Corporation
Fukushima, Takahito	Dexerials Corporation
Gerl, Markus	MD Elektronik
Gomez, Chisato	Nitto, Inc. (New Business Development Div.)
Goto, Hideki	Toyota Motor Corporation
Haasz, Jodi	IEEE SA
Harshbarger, Douglas	Corning Incorporated
Hayashi, Takehiro	HAT Lab., Inc.
Hirase, Hidenari	AGC
Hoser, Mirko	Coherent
Hozeska, Charles	Cernitin Solutions
Hyakutake, Yasuhiro	Orbray Co., Ltd.
Isono, Hideki	Fujitsu Optical Components Limited
Kadry, Haysam	Molex Incorporated
Kagami, Manabu	Nagoya Institute of Technology (NITech)
Kawahara, Keisuke	Furukawa Electric
Kelkkanen, Andre	NVDIA
Kikuta, Tomohiro	Orbray Co., Ltd.
Koeppendoerfer, Erwin	LEONI Kabel GmbH
Kubota, Masaki	AGC
Kurashima, Kazuyoshi	AGC
Law, David	Hewlett Packard Enterprise
Mahlich, Matthias	Robert Bosch GmbH
Martino, Kjersti	Inneos
Murty, Ramana	Broadcom Corporation
Nakayama, Daiki	Sumitomo Electric Industries, LTD
Niihara, Yoshihiro	Fujikura Ltd.
Oi, Shigehiro	AGC

Perez De Aranda Alonso, Ruben	KDPOF
Sawano, Hiroshi	OITDA
Shiino, Masato	FURUKAWA ELECTRIC
Steyer-Ege, Janik	Bosch
Takahashi, Satoshi	Self Employed
Takahashi, Tadashi	Nitto Denko Corporation
Takayama, Kazuya	Nitto Denko Corporation
Tellas, Ronald	Belden
Torres, Luis	Knowledge Development for Plastic Optical Fiber
Tsujita, Yuichi	Nitto, Inc.; New Business Development Division
Tsuzaki, Nozomi	Independent
Vanderlaan, Paul	UL Solutions
Watanabe, Yuji	AGC
Wienckowski, Natalie	General Motors Company

Total: 48 attendees