

Unconfirmed Meeting Minutes:

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

Interim Meeting (Telephonic)

January 18th, 2023

Prepared by Kazuya Takayama

Wednesday, January 18th, 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 30th 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 30th 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. 8th. 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 Ad Hoc meeting, January 18th, 2023.

| Name | Affiliation |
|-----------------------|---|
| 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 |

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|-------------------------------|---|
| 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