Confirmed Meeting Minutes:
IEEE P802.3dh Multi-Gigabit Automotive Ethernet over Plastic Optical Fiber Task Force
Ad Hoc Meeting (Telephonic)
November 2, 2022
Prepared by Kazuya Takayama

Wednesday, November 2nd, 2022, 14:02 UTC
IEEE P802.3dh Multi-Gigabit Automotive Ethernet over Plastic Optical Fiber Task Force meeting convened 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_11_02.pdf

Mr. Watanabe reviewed meeting agenda and asked any correction or modification needed.
No further modification/correction was asked.
Agenda is approved.

Mr. Watanabe reviewed meeting minutes for October 19th ad hoc meeting (P802d3dh_minutes_20221019_w_attendee.pdf).
Mr. Watanabe asked any correction or modification needed.
No further modification/correction was asked.
Meeting minutes for Oct. 19th ad hoc is approved.

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

Mr. Watanabe reviewed the access to the reflector and website, Task Force Private Area, and 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, IEEE-SA copyright Policy:
Mr. Watanabe read aloud the patent policy slides (agenda pdf pages 10-11).
Mr. Watanabe read aloud other guidelines and patent related information (agenda pdf pages 12-13).
Mr. Watanabe read aloud the IEEE-SA copyright slides (agenda pdf pages 15-16).
Mr. Watanabe read aloud the IEEE-SA participation slides (agenda pages 17-19).

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 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 announced the future meetings.

Mr. Watanabe reviewed the Work Ahead

- Wavelength
- PMA, PCS
- Description of the channel, GI POF A4j, including dimensions, optical parameters
- Demonstration of technical feasibility of 2.5 – 25G links

At 14:20 UTC, Mr. Watanabe made the call for any potentially essential patents.

None responded.

Mr. Pérez-Aranda asked about the proposed timeline why it is not adopted.

Mr. Watanabe answered the timeline will be discussed in the Plenary meeting.

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

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

Presentations:

Title: ***850nm VCSELs Reliability analysis***

(perezaranda_3dh_01_2210_vcsel_rel.pdf)

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

This contribution reported reliability analysis results for previous contributions of 850nm VCSELs.

Mr. Abbott made comment for calculations and MatLab code provided by Mr. Pérez-Aranda.

Future Meetings:

November Plenary (Hybrid), Nov. 14th – 17th Bangkok, Thailand

Planed schedule for IEEE P802.3dh TF meeting:

- 16th (Wed) 8AM-3PM (Bangkok time, UTC+7)
- 17th (Thu) 8AM-11AM

Mr. Watanabe made the comment that we would like to have consensus for wavelength.

Mr. Watanabe announced that the deadline for presentation request is Nov. 11th.

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

The Task Force ad hoc meeting was adjourned at 14:56 UTC.

Appendix A: Attendees at the IEEE P802.3dh Task Force ad hoc meeting, November 2nd, 2022.

Name	**Affiliation**
Abbott, John	Corning Incorporated
Araki, Nobuyasu	Yazaki Corporation
Dittmann, Markus	KDPOF
Goto, Hideki	Toyota Motor Corporation
Harshbarger, Douglas	Corning Incorporated
Hayashi, Takehiro	HAT Lab., Inc.
Hyakutake, Yasuhiro	Adamant Namiki Precision Jewel Co., Ltd.
Kagami, Manabu	Nagoya Institute of Technology (NITech)
Kawahara, Keisuke	Furukawa Electric
Kikuta, Tomohiro	Adamant Namiki Precision Jewel Co., Ltd.
King, Roger	TRUMPF Photonic Components GmbH
Malicoat, David	Independent/SENKO
Martino, Kjersti	Inneos
Perez De Aranda Alonso, Ruben	KDPOF
Shiino, Masato	FURUKAWA ELECTRIC
Simms, William	NVDIA
Takahashi, Satoshi	Self Employed
Takahashi, Tadashi	Nitto Denko Corporation
Takayama, Kazuya	Nitto Denko Corporation
Torres, Luis	Knowledge Development for Plastic Optical Fiber
Watanabe, Yuji	AGC
Chang, Jae-yong	Keysight
Fukushima, Takahito	Dexerials Corporation
Haasz, Jodi	IEEE SA
Hoser, Mirko	Coherent
Hozeska, Charles	Cernitin Solutions
Mahlich, Matthias	Robert Bosch GmbH
Pankert, Joseph	TRUMPF

Total: 28 members