

Confirmed Meeting Minutes:

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

Ad Hoc Meeting (Telephonic)

October 5, 2022

Prepared by Kazuya Takayama

Wednesday, October 5th, 2022, 14:03 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_10_05.pdf](#)

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

Mr. Takayama commented that Date of minutes is not correct.

No further modification/correction was asked.

Agenda is approved.

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

Mr. Takayama reviewed meeting minutes for September interim ([P802d3dh_minutes_20220912a.pdf](#)).

Mr. Watanabe asked any correction or modification needed.

No further modification/correction was asked.

Meeting minutes for September Interim is approved.

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:

Mr. Watanabe read aloud the patent policy slides (agenda pdf pages 11-12).

Mr. Watanabe read aloud other guidelines and patent related information (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 pages 18-20).

At 14:16 UTC, Mr. Watanabe made the call for any potentially essential patents.

None responded.

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

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

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

Liaisons and Communications:

None received.

Action Items:

None.

Presentations:

Title: ***VCSELS, Performance measurements and reliability analysis***

([perezaranda_3dh_01a_221005_vcsels.pdf](#))

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

This presentation reported 3 different 850nm VCSEL devices in terms of (1) performance measurement and (2) wear-out reliability according to automotive mission profile. And comparison with 980nm VCSEL is also reported.

Mr. Murty made several questions. Mr. Hoser made a few comments and questions. Mr. Abbott made a comment. Mr. Pérez-Aranda answered to the questions.

Future Meetings:

Ad hoc meeting will be held on Oct. 19th, and Nov. 2nd.

Mr. Murty will have a presentation on Oct. 19th.

Mr. Watanabe asked presentation request to be made by Oct. 14th.

Mr. Watanabe noted that the agenda had been completed and asked if there was any further business.

None responded.

The Task Force ad hoc meeting was adjourned at 15:50 UTC.

Appendix A: Attendees at the IEEE P802.3dh Task Force ad hoc meeting, October 5th, 2022.

Name	Affiliation
Abbott, John	Corning Incorporated
Araki, Nobuyasu	Yazaki Corporation
Deandrea, John	II-VI / Finisar Corporation
Dittmann, Markus	KDPOF
Ferretti, Vincent	Corning Incorporated
Feyh, German	Broadcom Corporation
Goto, Hideki	Toyota Motor Corporation
Grow, Robert	RMG Consulting, KDPOF
Hayashi, Takehiro	HAT Lab., Inc.
Hyakutake, Yasuhiro	Adamant Namiki Precision Jewel Co., Ltd.
Isono, Hideki	Fujitsu Optical Components Limited
Kawahara, Keisuke	Furukawa Electric
Kikuta, Tomohiro	Adamant Namiki Precision Jewel Co., Ltd.
Koepfendoerfer, Erwin	LEONI Kabel GmbH
Lackner, Hans	QoSCom - Quality in Communications - GmbH
Martino, Kjersti	Inneos
Murty, Ramana	Broadcom Corporation
Pardo, Carlos	KDPOF
Perez De Aranda Alonso, Ruben	KDPOF
Shiino, Masato	FURUKAWA ELECTRIC
Sun, Wensheng	Marvell Semiconductor, Inc.
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
Haasz, Jodi	IEEE SA
Hoser, Mirko	Coherent
Kubota, Masaki	AGC
Lambert, Angie	Corning Incorporated
Mahlich, Matthias	Robert Bosch GmbH
Nakayama, Daiki	Sumitomo Electric Industries, LTD
Fukushima, Takahito	Dexerials Corporation

Total: 33 members