

Minutes
Multi-Gigabit Optical Automotive Ethernet (OMEGA)
Task Force Interim
30 March 2021

Attendance list as recorded in Webex participant list

Last Name	First Name	Employer	Affiliations	March 30th
Abbot	John	Corning	Corning	X
Amamiya	Yasushi	MegaChips	MegaChips	
Andrae	Stefan	SEI Antech-Europe GmbH	SEI Antech-Europe GmbH	
Aono	Michikazu	Yazaki	Yazaki	
Araki	Nobuyasu	Yazaki	Yazaki	X
Bergner	Bert	TE Connectivity	TE Connectivity	
Boyer	Rich	APTIV	APTIV	
Barbero	Fernando	KDPOF	KDPOF	X
Bordogna	Mark	Intel	Intel	
Brooks	Paul	Viavi Solutions	Viavi Solutions	
Bruckman	Leon	Huawei	Huawei	
Choudhury	Mabud	OFS	OFS	X
Chuang	Keng Hua	HPE	HPE	
Cuesta	Emilio	TE Connectivity	TE Connectivity	
Dittmann	Markus	KDPOF	KDPOF	X
Ferretti	Vincent	Corning	Corning	
Fortusini	David	Corning	Corning	
Fukuoka	Takashi	AutoNetworks Technologies Ltd.	AutoNetworks Technologies Ltd.; Sumitomo Electric Industries, Ltd.	X
Glanzner	Martin	SEI Antech-Europe GmbH	SEI Antech-Europe GmbH	
Goto	Hideki	Toyota Motor Corporation	Toyota Motor Corporation	X
Grow	Robert	Robert M. Grow Consulting	RMG Consulting, KDPOF	X
Harshbarger	Douglas	Corning Incorporated	Corning Incorporated	X
Hartmann	Stephan	Siliconally GmbH	Siliconally GmbH	X
Hayashi	Takehiro	HAT Labs	HAT Labs	X
HIRASE	Hidenari	AGC	AGC	X
Huang	David	Broadcom	Broadcom	
Hyakutake	Yasuhiro	Adamant Namiki Precision Jewel	Adamant Namiki Precision Jewel	X
Isono	Hideki	FOC	FOC	X
Kadry	Haysam	Ford Motor Company	Ford Motor Company	
KAGAMI	Manabu	NI Tech	NI Tech	X
Kazuhiko	Ishibe	Anritsu	Anritsu	
Kamino	John	OFS	OFS	
KIKUTA	Tomohiro	Adamant Namiki Precision Jewel	Adamant Namiki Precision Jewel	X
Kim	Joshua	Hirose USA	Hirose USA	
King	Roger	TRUMPF Photonic Components	TRUMPF Photonic Components	
Kobayashi	Shigeru	AIO Core	AIO Core	X
Koepfendorfer	Erwin	Leoni	Leoni	X
Kondo	Taiji	MegaChips	MegaChips	X
Law	David	HPE	HPE	
Liu	Karen	Lightwave	Lightwave	
Lee	Bernard	Senko	Senko	X
Lee	Sylvanus	Leviton	Leviton	
Lingle	Robert	OFS	OFS	
Malicoat	David	Malicoat Networking Solutions	Senko Advanced Components	X
Martino	Kjersti	Inneos	Inneos	X
Marques	Flavio	Furukawa electric	Furukawa Electric	

Masuda	Takeo	OITDA/PETRA	OITDA/PETRA	X
McMillan	Larry	Western Digital	Western Digital	
Mueller	Harald	Endress + Hauser	Endress + Hauser	
Nakagawa	Hideki	AGC	AGC	X
Nicholl	Gary	Cisco	Cisco	
Nikolich	Paul	802 Chairman	802 Chairman	
Niihara	Yoshihiro	Fujikura	Fujikura	
Ogura	Ichiro	Petra	Petra	X
Omori	Kumi	NEC	NEC	
Pandey	Sujan	Huawei	Huawei	
Pankert	Joseph	TRUMPF Photonic Components	TRUMPF Photonic Components	
Pardo	Carlos	KDPOF	KDPOF	X
Pérez-Aranda	Rubén	KDPOF	KDPOF	X
Pham	Phong	EastPoint	EastPoint	
Piehler	David	Dell	Dell	
Pimpinella	Rick	Panduit	Panduit	X
Pitwon	Richard	Resolute Photonics	Resolute Photonics	X
Preis	Roland	MD Elektronik	MD Elektronik	X
Reinhard	Michael	SEI Antech-Europe GmbH	SEI Antech-Europe GmbH	
Sambasivan	Sam	AT&T	AT&T	
Savi	Olindo	Hubbell Incorporated	Hubbell Incorporated	
Sawano	Hiroshi	OITDA		
Sayre	Edward	Samtec	Samtec	
Shukla	Priyank	Synopsys	Synopsys	
Shigematsu	Masayuki	Sumitomo Electric	Sumitomo Electric	X
Shiino	Matsato	Furukawa Electric	Furukawa Electric	X
Silvano de Sousa	Jonathan	GG-Group	GG-Group	X
Sun	Wensheng	Marvell	Marvell	X
Sun	Yi	OFS	OFS	
Suzuki	Yasuo	KDPOF Japan	KDPOF	X
Swanson	Steve	Corning Inc.	Corning Inc.	X
Takahashi	Ryutaro	Senko	Senko	X
Takahashi	Satoshi	POF Promotion	POF Promotion	X
Takahashi	Tadashi	Nitto Denko Corporation	Nitto Denko Corporation	X
Takayama	Kazuya	Nitto Denko Corporation	Nitto Denko Corporation	X
Theodoras	James	HG Genuine	HG Genuine	
Torres	Luisma	KDPOF	KDPOF	X
Tsuzaki	Nozomi	Independent	Independent	
Ueno	Yuto	Sumitomo	Sumitomo	X
WATANABE	Yuji	AGC	AGC	X
Wendt	Mattias	Signify	Signify	
Wienckowski	Natalie	General Motors	General Motors	X
Xu	Xing	Huawei	Huawei	X
Yamada	Osamu	Yazaki	Yazaki	
Yonezawa	Kenji	AGC	AGC	X
Yurtin	John	APTIV	APTIV	X
Zhiwei	Yang	ZTE	ZTE	
Zhu	Liang	Marvell	Marvell	X

Tuesday, 30th March 2021, 12:00 (noon) UTC

The meeting was called to order at approximately 12:03 UTC Tuesday 30th March 2021
Chaired by Robert Grow, IEEE P802.3cz Task Force Chair.

Mr. Grow presented *Agenda and General Information*

(https://www.ieee802.org/3/cz/public/30_mar_2021/Agenda_3cz_01_300321.pdf).

Mr. Grow presented the agenda for the meeting. The agenda was approved by unanimous consent.

Mr. Grow asked the audience if there was anybody from the press. No one responded to the call.

Mr. Grow issued the call for essential patent claims. No one responded to the call. He also presented the slides on the IEEE Copyright Policy and participation guidelines.

Mr. Hayashi had requested to present *Comments for PMD baseline proposal* (https://www.ieee802.org/3/cz/public/30_mar_2021/hayashi_3cz_01_0321.pdf). The presentation describes additional PMD options adding 850 and 1310 nm wavelength, and a new 15m channel length. Many participants made comments and questions about the impact of the proposed additional PMD options in the project PAR and CSD, and also about the added value of having different PMDs. Interoperability, naming, and the potential requirement of new clauses and CFI for the additional PMD options were also discussed. Mr. Hayashi provided answers.

Mr. Pitwon asked to present *Silicon Photonics for Automotive Response to Proposal Assumptions* (https://www.ieee802.org/3/cz/public/30_mar_2021/kurata_3cz_01_0321.pdf). The presentation describes Silicon Photonics PMD proposal using the PMD selection criteria proposed by Mr. Pérez-de-Aranda. The criteria include the fulfilment of TF objectives, industry support, technical characteristics, reliability and relative cost. Many participants made comments and questions about relative cost compared with VCSEL, reliability, power consumption, availability of automotive-qualified for Silicon Photonics process among others, and Mr. Pitwon provided answers.

As agreed in the agenda, Mr. Torres continue with the comment resolution starting with Comment #52, that was left open last meeting. Mr. Torres showed the two options discussed in the TF reflector and proposal #2 was chosen by the TF. This decision also resolved several comments that were related with the text replaced by proposal #2.

Following the order in *Chief Editor's Report* (https://iee802.org/3/cz/public/mar_2021/luisma_3cz_01_0321.pdf), Mr. Torres continued with Comment #96 of Bucket 10. Bucket 10, which contained 13 comments in total, was discussed and resolved. The TF agreed to continue starting with Bucket 11 in the next TF meeting.

Mr. Grow reminded that the TF will continue its weekly meetings, the already scheduled for April 6th and without comment will schedule a subsequent call for April 13th. PMD presentation time has been scheduled for the 6th plus continued comment resolution. The April 13th meeting will be announced on the TF email reflector.

The meeting was adjourned at approximately 16:02 UTC.

Recording Secretary: Luisma Torres.