

Minutes
Multi-Gigabit Optical Automotive Ethernet (OMEGA)
Task Force Interim
11 May 2021

Attendance list as recorded in Webex participant list

Last Name	First Name	Employer	Affiliations	May 11th
Abbot	John	Corning	Corning	X
Amamiya	Yasushi	MegaChips	MegaChips	X
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	
Chang	Jae-yong	Keysight	Keysight	
Choudhury	Mabud	OFS	OFS	
Chuang	Keng Hua	HPE	HPE	
Cuesta	Emilio	TE Connectivity	TE Connectivity	
Dittmann	Markus	KDPOF	KDPOF	X
Eek	Magnus	Volvo Cars	Volvo Cars	
Ferretti	Vincent	Corning	Corning	
Fortusini	David	Corning	Corning	
Fukuoka	Takashi	AutoNetworks Technologies Ltd.	AutoNetworks Technologies Ltd.; Sumitomo Electric Industries, Ltd.	
Glanzner	Martin	SEI Antech-Europe GmbH	SEI Antech-Europe GmbH	X
Gomez	Chisato	Nitto Denko Corporation	Nitto Denko Corporation	X
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	
Hayashi	Takehiro	HAT Labs	HAT Labs	
HIRASE	Hidenari	AGC	AGC	X
Hormmeyer	Bernd	Phoenix Contact	Phoenix Contact	
Huang	David	Broadcom	Broadcom	
Huang	Shaowu	Marvell	Marvell	
Hyakutake	Yasuhiro	Adamant Namiki Precision Jewel	Adamant Namiki Precision Jewel	X
Isono	Hideki	FOC	FOC	
Kadry	Haysam	Ford Motor Company	Ford Motor Company	X
KAGAMI	Manabu	NI Tech	NI Tech	X
Kazuhiko	Ishibe	Anritsu	Anritsu	
Kamino	John	OFS	OFS	
Kawahara	Keisuke	Furukawa Electric	Furukawa Electric	
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	X
Kobayashi	Shigeru	AIO Core	AIO Core	X
Koepfendorfer	Erwin	Leoni	Leoni	
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	
Nicholl	Gary	Cisco	Cisco	
Nikolich	Paul	802 Chairman	802 Chairman	
Niihara	Yoshihiro	Fujikura	Fujikura	X
Ogura	Ichiro	Petra	Petra	X
Omori	Kumi	NEC	NEC	
Pandey	Sujan	Huawei	Huawei	
Pankert	Joseph	TRUMPF Photonic Components	TRUMPF Photonic Components	X
Pardo	Carlos	KDPOF	KDPOF	X
Pérez-Aranda	Rubén	KDPOF	KDPOF	
Pham	Phong	EastPoint	EastPoint	
Piehler	David	Dell	Dell	
Pimpinella	Rick	Panduit	Panduit	X
Pitwon	Richard	Resolute Photonics	Resolute Photonics	
Preis	Roland	MD Elektronik	MD Elektronik	X
Reinhard	Michael	SEI Antech-Europe GmbH	SEI Antech-Europe GmbH	X
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	
Shiino	Masato	Furukawa Electric	Furukawa Electric	X
Silvano de Sousa	Jonathan	GG-Group	GG-Group	X
Sun	Wensheng	Marvell	Marvell	
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
Tsujita	Yuichi	Nitto Denko Corporation	Nitto Denko Corporation	X
Tsuzaki	Nozomi	Independent	Independent	X
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	
Yurtin	John	APTIV	APTIV	
Zhiwei	Yang	ZTE	ZTE	
Zhu	Liang	Marvell	Marvell	

Tuesday, 11th May 2021, 12:00 (noon) UTC

The meeting was called to order at approximately 12:02 UTC Tuesday 11th May 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/11_may_2021/Agenda_3cz_01_110521.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. Torres asked to present *Chief Editor's Report*
(https://www.ieee802.org/3/cz/public/11_may_2021/CEReport_3cz_110521.pdf). The presentation announces the distribution of D1.1 by 14 May. Commenting deadline is 2 June. Mr. Torres also reminded that contributions about the different PMD are needed and encourages TF members to provide dates for presentations covering the remaining technical gaps, to be included in the ToDo list.

Mr. Pérez-de-Aranda asked to present *50 Gb/s demonstration in extreme temperatures using 850nm VCSELS*
(https://www.ieee802.org/3/cz/public/11_may_2021/perezaranda_3cz_01a_110521_50Gbps_850nm_demo.pdf). The presentation showed the result of experiments using a 850nm VCSEL designed for 25Gb/s NRZ to transmit 50 Gb/s using PAM4 in the range of temperatures defined for 802.3cz for OM3 fiber. A number of questions were asked and Mr. Pérez-de-Aranda provided answers.

Mr. Pérez-de-Aranda asked to present *Revised link budget assessment*
(https://www.ieee802.org/3/cz/public/11_may_2021/perezaranda_3cz_02_110521_revised_link_budget.pdf). This presentation revises the link budget assessment and add the analysis for 50 Gb/s PAM4. A number of questions were asked and Mr. Pérez-de-Aranda provided answers.

Mr. Pérez-de-Aranda asked to present *50GBASE-AU baseline proposal*
(https://www.ieee802.org/3/cz/public/11_may_2021/perezaranda_3cz_03_110521_50Gbps_pcs_pma.pdf). This presentation proposes a baseline for 50GBASE-AU PCS and PMA to be included in the next version of the draft. A number of questions were asked and Mr. Pérez-de-Aranda provided answers. Mr. Pérez-de-Aranda expressed his intention to propose an straw poll regarding the adoption of this baseline in the next meeting.

Mr. Grow reminded that the next meetings will be an interim series 18th, 25th and 26th May. Then, the TF teleconferences will happen weekly from 8th June for Draft 1.1 comment resolution and new presentations. Mr. Grow also reminded that registration and fee is required for July electronic 802 plenary series.

The meeting was adjourned at approximately 14:13 UTC.

Recording Secretary: Luisma Torres.