

Minutes
Multi-Gigabit Optical Automotive Ethernet (OMEGA)
Task Force Interim
8 February 2022

Attendance list as recorded in Webex participant list

Last Name	First Name	Employer	Affiliations	February 8th
Abbott	John	Corning	Corning	X
Amamiya	Yasushi	MegaChips	MegaChips	
Andrae	Stefan	SEI Antech-Europe GmbH	SEI Antech-Europe GmbH	
Aono	Michikazu	Yazaki	Yazaki	
Akin	Sami	VW AG	VW AG	
Araki	Nobuyasu	Yazaki	Yazaki	X
Beaudoin	Denis	TI	TI	
Bergner	Bert	TE Connectivity	TE Connectivity	
Boyer	Rich	APTIV	APTIV	
Barbero	Fernando	KDPOF	KDPOF	X
Bordogna	Mark	Intel	Intel	
Borda	Jamila	BMW	BMW	
Brooks	Paul	Viavi Solutions	Viavi Solutions	
Brown	Blake	UNH-IOL	UNH-IOL	
Bruckman	Leon	Huawei	Huawei	X
Brychta	Michal	Analog Devices	Analog Devices	
Calvin	John	Keysight	Keysight	
Carlson	Steve	HSD, Bosch, Ethernovia		X
Castrillon	Alejandro	Marvell	Marvell	
Castro	Jose	Panduit	Panduit	
Chang	Ayla			
Chang	Jae-yong	Keysight	Keysight	
Choudhury	Mabud	OFS	OFS	
Chuang	Keng Hua	HPE	HPE	
Connaughton	Mike	Leviton	Leviton	
Cuesta	Emilio	TE Connectivity	TE Connectivity	X
DAmbrosia	John	Futurewei	Futurewei	
Dawson	Fred	Ch		
DeAndrea	John	II-VI/Finisar	II-VI/Finisar	
DiBiaso	Eric	TE Connectivity	TE Connectivity	
Diminico	Chris			
Dittmann	Markus	KDPOF	KDPOF	X
Donthu	Suresh	Corning	Corning	
Dube	Kae	UNH-IOL	UNH-IOL	
Eek	Magnus	Volvo Cars	Volvo Cars	
Felgenhauer	Alexander	Yazaki	Yazaki	
Fellhauer	Felix	Bosch	Bosch	
Ferretti	Vincent	Corning	Corning	X
Feyh	German	Broadcom	Broadcom	X
Fortusini	David	Corning	Corning	
Fritsche	Matthias	Harting	Harting	
Fukuoka	Takashi	AutoNetworks Technologies Ltd.	AutoNetworks Technologies Ltd.; Sumitomo Electric Industries, Ltd.	X
Gao	Xiangong	Huawei	Huawei	
Gao	Sharon	Huawei	Huawei	
Gharba	Ahmed	Volvo Car Corp.	Volvo Car Corp.	
Giovanne	Laura	Broadcom	Broadcom	
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
Guangcan	Mi	Huawei	Huawei	
Haasz	Jodi	IEEE-SA	IEEE-SA	X
Hajduczenia	Marek	Charter Communications	Charter Communications	
Harshbarger	Douglas	Corning Incorporated	Corning Incorporated	X
Hartmann	Stephan	Siliconally GmbH	Siliconally GmbH	
Hayashi	Takehiro	HAT Labs	HAT Labs	X
He	Xiang	Huawei	Huawei	
HIRASE	Hidenari	AGC	AGC	X
Hormmeyer	Bernd	Phoenix Contact	Phoenix Contact	
Huang	David	Broadcom	Broadcom	
Huang	Shaowu	Marvell	Marvell	
Hyakudai	Toshihisa	Sony	Sony	
Hyakutake	Yasuhiro	Adamant Namiki Precision Jewel	Adamant Namiki Precision Jewel	X
Ikeda	Tepei	Denso	Denso	
Ingham	Jonathan	Huawei	Huawei	
Isono	Hideki	FOC	FOC	
Jackson	Ken	Sumitomo	Sumitomo	
Jiménez	Andy	WESCO	WESCO	X
Jonsson	Ragnar	Marvell	Marvell	
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	X
Kawatsu	Yasuaki	APRESIA Systems	APRESIA Systems	
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	
Kinningham	Alan	I-PEX	I-PEX	
Kobayashi	Shigeru	AIO Core	AIO Core	X
Koeppendoerfer	Erwin	Leoni	Leoni	X
Kondo	Taiji	MegaChips	MegaChips	X
Kota	Kishore	Marvell	Marvell	
Kumadayazaki	Takeo			
Kurashima	Kazuyoshi	AGC	AGC	X
Lackner	Hans	QoSCom GmbH	QoSCom GmbH	
Laubach	Mark	Self	Self	
Law	David	HPE	HPE	
Lewis	David	Lumentum	Lumentum	
Li	Tobey	MediaTek	MediaTek	
Liu	Karen	Lightwave	Lightwave	
Lee	Bernard	Senko	Senko	
Lee	Sylvanus	Leviton	Leviton	
Lingle	Robert	OFS	OFS	
Maguire	Valerie	Siemon	Siemon	
Malicoat	David	Malicoat Networking Solutions	Senko Advanced Components	X
Mark	Simon	Würth	Würth	
Martino	Kjersti	Inneos	Inneos	X
Marques	Flavio	Furukawa electric	Furukawa Electric	
Masuda	Takeo	OITDA/PETRA	OITDA/PETRA	
Matheus	Kirsten	BMW	BMW	

Mandel	Juergen			
McMillan	Larry	Western Digital	Western Digital	
Mueller	Harald	Endress + Hauser	Endress + Hauser	
Mueller	Thomas	Rosenberger	Rosenberger	
Murty	Ramana	Broadcom	Broadcom	
Nakagawa	Hideki	AGC	AGC	
Neulinger	Christian	MD Elektronik	MD Elektronik	
New	Anthony	Prysmian Group	Prysmian Group	
Nicholl	Gary	Cisco	Cisco	
Nikolich	Paul	802 Chairman	802 Chairman	
Niihara	Yoshihiro	Fujikura	Fujikura	X
Ogura	Ichiro	Petra	Petra	X
Omor	Kumi	NEC	NEC	
Ortiz	David	KDPOF	KDPOF	
Pandey	Sujan	Huawei	Huawei	
Pankert	Joseph	TRUMPF Photonic Components	TRUMPF Photonic Components	
Pardo	Carlos	KDPOF	KDPOF	X
Parsons	Earl	Commscope	Commscope	
Peng	Semmy	Huawei	Huawei	
Pérez-Aranda	Rubén	KDPOF	KDPOF	X
Peteranderl	Ralf	Rosenberger	Rosenberger	
Petrarca	Ryan	TDK	TDK	
Pham	Phong	EastPoint	EastPoint	
Piehler	David	Dell	Dell	
Pimpinella	Rick	Panduit	Panduit	
Pinzón	Plinio	KDPOF	KDPOF	
Pitwon	Richard	Resolute Photonics	Resolute Photonics	X
Powell	William	Independent	Independent	
Preis	Roland	MD Elektronik	MD Elektronik	X
Pritz	Helmut	MD Elektronik	MD Elektronik	X
Regev	Alon	Keysight	Keysight	
Reinhard	Michael	SEI Antech-Europe GmbH	SEI Antech-Europe GmbH	X
Ren	Hao	Huawei	Huawei	
Retting	Thomas	Beckhoff Automation	Beckhoff Automation	
Rush	Joshua	UNH-IOL	UNH-IOL	
Sambasivan	Sam	AT&T	AT&T	
Sakai	Toshiaki	Socionext	Socionext	
Savi	Olindo	Hubbell Incorporated	Hubbell Incorporated	
Sawano	Hiroshi	OITDA		
Sayre	Edward	Samtec	Samtec	
Schmalzigaug	Thomas	HUBER+SUHNER	HUBER+SUHNER	
Shukla	Priyank	Synopsys	Synopsys	
Shigematsu	Masayuki	Sumitomo Electric	Sumitomo Electric	
Shiino	Masato	Furukawa Electric	Furukawa Electric	X
Shubochkin	Roman	OFS	OFS	
Shukla	Priyank	Synopsys	Synopsys	
Silvano de Sousa	Jonathan	GG-Group	GG-Group	
Simms	Bill	NVIDIA	NVIDIA	X
Sommers	Scott	Molex	Molex	
Su	Charles	Huawei	Huawei	
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	
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
Tan	I-Hsing	Broadcom	Broadcom	
Tamada	Tomohiko	JAE	JAE	
Theuerkom	Thomas	Corning	Corning	
Theodoras	James	HG Genuine	HG Genuine	
Thompson	Geoff	GraCaSi		
Torres	Luisma	KDPOF	KDPOF	X
Tsujita	Yuichi	Nitto Denko Corporation	Nitto Denko Corporation	X
Tsuzaki	Nozomi	Independent	Independent	X
Ueno	Yuto	Sumitomo	Sumitomo	
Vanderlaan	Paul	UL LLC	UL LLC	
Von Vangerow	Christian	TE	TE	
Voss	Bob	Panduit	Panduit	
Walsh	Thomas	KDPOF	KDPOF	
Wang	Ruxou	Huawei	Huawei	
Wang	Haojie	CMCC	CMCC	
WATANABE	Yuji	AGC	AGC	X
Wendt	Mattias	Signify	Signify	
Wienckowski	Natalie	General Motors	General Motors	X
Withey	James	Fluke	Fluke	
Wiesner	Michael	Trumpf	Trumpf	
Xu	Dayin	Rockwell Automation	Rockwell Automation	
Xu	Xing	Huawei	Huawei	
Yamada	Osamu	Yazaki	Yazaki	
Yang	Zhiping	Waymo	Waymo	
Yang	Yumeng	Huawei	Huawei	
Yasui	Hideshi	AGC	AGC	X
Yonemura	Masatoshi	NITech	NITech	
Yonezawa	Kenji	AGC	AGC	
Young	James	Commscope	Commscope	X
Yurtin	John	APTIV	APTIV	
Zhang	Sen	Huawei	Huawei	
Zhang	Tingting	Huawei	Huawei	
Zhiwei	Yang	ZTE	ZTE	
Zhong	Qiwen	Huawei	Huawei	
Zhu	Liang	Marvell	Marvell	
Zhuang	Yan	Huawei	Huawei	

Tuesday, 8th February 2022, 12:00 (noon) UTC

The meeting was called to order at approximately 12:00 UTC Tuesday 8th February 2022
Chaired by Robert Grow, IEEE P802.3cz Task Force Chair.

Mr. Grow presented *Agenda and General Information*

(https://www.ieee802.org/3/cz/public/8_feb_2022/Agenda_3cz_01_080222.pdf).

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

Mr. Grow presented the January TF interim minutes for approval. The minutes were 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. Grow pointed out that the standard drafting process shown in the presentation is not normative, but a proven path to success.

Mr. Pérez-Aranda asked to present *BASE-AU 980nm/OM3 baseline. Reference receiver and transmitter and distortion figure of merit* (https://www.ieee802.org/3/cz/public/8_feb_2022/perezaranda_3cz_01_080222_TDFOM.pdf). This presentation describes the BASE-AU 980nm/OM3 baseline text for the reference receiver and transmitter and distortion figure of merit (TDFOM) proposed to be included in the next P802.3cz draft. Proposed test methods to check compliance and interoperability of transmitter and receivers are based on this figure of merit. Some questions were asked and Mr. Pérez-Aranda provided answers.

Mr. Pérez-Aranda asked to present *BASE-AU 980nm/OM3 baseline. Definition of the optical parameters and test methods* (https://www.ieee802.org/3/cz/public/8_feb_2022/perezaranda_3cz_03_080222_test_methods.pdf). This presentation describes the BASE-AU 980nm/OM3 baseline text for the optical parameters and test methods proposed to be included in the next P802.3cz draft. No questions were made.

Mr. Pérez-Aranda asked to present *BASE-AU 980nm/OM3 baseline. Transmitter and receiver characteristics* (https://www.ieee802.org/3/cz/public/8_feb_2022/perezaranda_3cz_02_080222_TXRX_characteristics.pdf). This presentation describes the transmit and receive characteristics consistent with the power budget and other optical characteristic already presented in the TF to be included in the next P802.3cz draft. There was no time for questions, which were deferred to the next meeting.

Mr. Pérez-Aranda announced his intention to present motions to adopt the content of the three contributions as baseline for the next P802.3cz draft version.

Mr. Grow announced that there will be a single TF interim meeting that will be held in two different dates: 15 and 22 February.

Having exhausted the scheduled time, the meeting was adjourned at approximately 14:04 UTC.

Recording secretary: Luisma Torres.