

Minutes  
Multi-Gigabit Optical Automotive Ethernet (OMEGA)  
Task Force Interim  
8-9-16 March 2022

Attendance list as recorded in Webex participant list

Last Name	First Name	Employer	Affiliations	March 8th	March 9th	March 16th
Abbott	John	Corning	Corning	X	X	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	X	X	X
Araki	Nobuyasu	Yazaki	Yazaki	X	X	X
Beaudoin	Denis	TI	TI			
Bergner	Bert	TE Connectivity	TE Connectivity			
Boyer	Rich	APTIV	APTIV		X	
Barbero	Fernando	KDPOF	KDPOF	X	X	X
Ben Artsi	Liav	Marvell	Marvell	X		
Bordogna	Mark	Intel	Intel			
Borda	Jamila	BMW	BMW	X	X	X
Brooks	Paul	Viavi Solutions	Viavi Solutions		X	
Brown	Blake	UNH-IOL	UNH-IOL	X	X	
Bruckman	Leon	Huawei	Huawei	X		
Brychta	Michal	Analog Devices	Analog Devices			
Calvin	John	Keysight	Keysight			
Carlson	Steve	HSD, Bosch, Ethernovia				
Castrillon	Alejandro	Marvell	Marvell			
Castro	Jose	Panduit	Panduit			
Chang	Ayla					
Chang	Jae-yong	Keysight	Keysight	X	X	X
Cheng	Ling	Huawei		X	X	
Choudhury	Mabud	OFS	OFS		X	X
Chuang	Keng Hua	HPE	HPE			
Connaughton	Mike	Leviton	Leviton			
Cuesta	Emilio	TE Connectivity	TE Connectivity		X	
DAmbrosia	John	Futurewei	Futurewei		X	
Dawson	Fred	Ch				
DeAndrea	John	II-VI/Finisar	II-VI/Finisar	X	X	
DiBiasi	Eric	TE Connectivity	TE Connectivity			
Diminico	Chris					
Dittmann	Markus	KDPOF	KDPOF	X	X	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	X	X
Feyh	German	Broadcom	Broadcom	X	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	X	X	
Gao	Sharon	Huawei	Huawei			
Gharba	Ahmed	Volvo Car Corp.	Volvo Car Corp.	X	X	X
Giovanne	Laura	Broadcom	Broadcom			
Glanzner	Martin	SEI Antech-Europe GmbH	SEI Antech-Europe GmbH	X	X	
Gomez	Chisato	Nitto Denko Corporation	Nitto Denko Corporation	X	X	X

Goto	Hideki	Toyota Motor Corporation	Toyota Motor Corporation	X	X	X
Grow	Robert	Robert M. Grow Consulting	RMG Consulting, KDPOF	X	X	
Guangcan	Mi	Huawei	Huawei			
Haasz	Jodi	IEEE-SA	IEEE-SA	X	X	X
Hajduczenia	Marek	Charter Communications	Charter Communications			
Harshbarger	Douglas	Corning Incorporated	Corning Incorporated	X	X	X
Hartmann	Stephan	Siliconally GmbH	Siliconally GmbH			
Hayashi	Takehiro	HAT Labs	HAT Labs	X	X	
He	Long	Intel	Intel			
He	Xiang	Huawei	Huawei			
HIRASE	Hidenari	AGC	AGC	X		
Horrmeier	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	X	X
Ikeda	Teppei	Denso	Denso			
Ingham	Jonathan	Huawei	Huawei			
Isono	Hideki	FOC	FOC			
Jackson	Ken	Sumitomo	Sumitomo			
Jiménez	Andy	WESCO	WESCO			
Jonsson	Ragnar	Marvell	Marvell			
Kadry	Haysam	Ford Motor Company	Ford Motor Company	X		
KAGAMI	Manabu	NI Tech	NI Tech		X	X
Kazuhiko	Ishibe	Anritsu	Anritsu			
Kamino	John	OFS	OFS			
Kawahara	Keisuke	Furukawa Electric	Furukawa Electric	X	X	X
Kawatsu	Yasuaki	APRESIA Systems	APRESIA Systems	X	X	
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			
Kinnyham	Alan	I-PEX	I-PEX			
Kobayashi	Shigeru	AIO Core	AIO Core	X	X	
Koependoerfer	Erwin	Leoni	Leoni	X	X	X
Kondo	Taiji	MegaChips	MegaChips	X	X	X
Kota	Kishore	Marvell	Marvell			
Kumadayazaki	Taketo					
Kurashima	Kazuyoshi	AGC	AGC	X	X	X
Lackner	Hans	QoSCom GmbH	QoSCom GmbH		X	
Laubach	Mark	Self	Self			
Law	David	HPE	HPE	X	X	X
Lewis	David	Lumentum	Lumentum			
LI	Tobey	MediaTek	MediaTek			
Liu	Karen	Lightwave	Lightwave			
Lee	Bernard	Senko	Senko			
Lee	Sylvanus	Leviton	Leviton			
Lingle	Robert	OFS	OFS			
Lennartsson	Kent	Kvaser AB	Kvaser AB		X	
Maguire	Valerie	Siemon	Siemon			
Malicoat	David	Malicoat Networking Solutions	Senko Advanced Components	X	X	X
Mark	Simon	Wurth	Wurth			
Martino	Kjersti	Inneos	Inneos	X	X	X
Marris	Arthur	Cadence	Cadence	X		X

Marques	Flavio	Furukawa electric	Furukawa Electric			
Masuda	Takeo	OITDA/PETRA	OITDA/PETRA			
Matheus	Kirsten	BMW	BMW			
Mandel	Juergen					
Mark	Simon	Würth Elektronik	Würth Elektronik			X
McMillan	Larry	Western Digital	Western Digital			
Mueller	Harald	Endress + Hauser	Endress + Hauser		X	
Mueller	Thomas	Rosenberger	Rosenberger	X		
Murty	Ramana	Broadcom	Broadcom			
Nakagawa	Hideki	AGC	AGC			X
Neulinger	Christian	MD Elektronik	MD Elektronik		X	X
New	Anthony	Prysmian Group	Prysmian Group			X
Nicholl	Gary	Cisco	Cisco			
Nikolich	Paul	802 Chairman	802 Chairman	X		X
Niihara	Yoshihiro	Fujikura	Fujikura	X	X	X
Ogura	Ichiro	Petra	Petra	X	X	
Omori	Kumi	NEC	NEC		X	
Ortiz	David	KDPOF	KDPOF			
Pandey	Sujan	Huawei	Huawei		X	
Pankert	Joseph	TRUMPF Photonic Components	TRUMPF Photonic Components			
Pardo	Carlos	KDPOF	KDPOF	X	X	X
Parsons	Earl	Commscope	Commscope			
Peng	Semmy	Huawei	Huawei	X	X	
Pérez-Aranda	Rubén	KDPOF	KDPOF	X	X	X
Peteranderl	Ralf	Rosenberger	Rosenberger			
Petrarca	Ryan	TDK	TDK			
Pham	Phong	EastPoint	EastPoint			
Piehler	David	Dell	Dell			
Pimpinella	Rick	Panduit	Panduit	X	X	
Pinzón	Plinio	KDPOF	KDPOF			
Pitwon	Richard	Resolute Photonics	Resolute Photonics	X	X	X
Powell	William	Independent	Independent			
Preis	Roland	MD Elektronik	MD Elektronik	X	X	X
Pritz	Helmut	MD Elektronik	MD Elektronik	X		
Regev	Alon	Keysight	Keysight			
Reinhard	Michael	SEI Antech-Europe GmbH	SEI Antech-Europe GmbH	X	X	X
Ren	Hao	Huawei	Huawei			
Retting	Thomas	Beckhoff Automation	Beckhoff Automation			
Rush	Joshua	UNH-IOL	UNH-IOL			
Sambasivan	Sam	AT&T	AT&T		X	X
Sakai	Toshiaki	Socionext	Socionext			
Savi	Olindo	Hubbell Incorporated	Hubbell Incorporated			
Sawano	Hiroshi	OITDA		X	X	
Sayre	Edward	Samtec	Samtec			
Schwaerzler	Sebastian	ZF	ZF			
Schmalzigaug	Thomas	HUBER+SUHNER	HUBER+SUHNER			
Shukla	Priyank	Synopsys	Synopsys			
Shigematsu	Masayuki	Sumitomo Electric	Sumitomo Electric			
Shiino	Masato	Furukawa Electric	Furukawa Electric	X	X	X
Shubochkin	Roman	OFS	OFS		X	X
Shukla	Priyank	Synopsys	Synopsys			
Silvano de Sousa	Jonathan	GG-Group	GG-Group			
Simms	Bill	NVIDIA	NVIDIA	X		X
Sommers	Scott	Molex	Molex			
Su	Charles	Huawei	Huawei		X	
Sun	Wensheng	Marvell	Marvell	X	X	
Sun	Yi	OFS	OFS	X	X	X
Suzuki	Yasuo	KDPOF Japan	KDPOF	X	X	X
Swanson	Steve	Corning Inc.	Corning Inc.	X	X	

Takahashi	Ryutaro	Senko	Senko			
Takahashi	Satoshi	POF Promotion	POF Promotion	X	X	X
Takahashi	Tadashi	Nitto Denko Corporation	Nitto Denko Corporation	X	X	X
Takayama	Kazuya	Nitto Denko Corporation	Nitto Denko Corporation	X	X	X
Tazebay	Mehmet					
Tan	I-Hsing	Broadcom	Broadcom			
Tamada	Tomohiko	JAE	JAE			
Tazebay	Mehmet	Broadcom	Broadcom	X		X
Theuerkom	Thomas	Corning	Corning			
Theodoras	James	HG Genuine	HG Genuine			
Thompson	Geoff	GraCaSi				
Torres	Luisma	KDPOF	KDPOF	X	X	
Tsujita	Yuichi	Nitto Denko Corporation	Nitto Denko Corporation	X	X	X
Tsuzaki	Nozomi	Independent	Independent	X		
Ueno	Yuto	Sumitomo	Sumitomo	X	X	X
Vanderlaan	Paul	UL LLC	UL LLC			X
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	X	X
Wendt	Mattias	Signify	Signify	X		
Wienckowski	Natalie	General Motors	General Motors	X		X
Withey	James	Fluke	Fluke			
Wiesner	Michael	Trumpf	Trumpf			
Xu	Dayin	Rockwell Automation	Rockwell Automation			
Xu	Xing	Huawei	Huawei			
Yamada	Osamu	Yazaki	Yazaki	X	X	
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			
Yurtin	John	APTIV	APTIV	X	X	X
Zhang	Sen	Huawei	Huawei			
Zhang	Tingting	Huawei	Huawei	X	X	
Zhiwei	Yang	ZTE	ZTE			
Zhong	Qiwen	Huawei	Huawei		X	
Zhu	Liang	Marvell	Marvell			
Zhuang	Yan	Huawei	Huawei			

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

The meeting was called to order at approximately 12:00 UTC Tuesday 8th March 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/mar\\_2022/Agenda\\_3cz\\_01\\_0322.pdf](https://www.ieee802.org/3/cz/public/mar_2022/Agenda_3cz_01_0322.pdf)).

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

Mr. Grow presented the 15-22 February 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. Torres asked to present *Chief Editor's report*

([https://www.ieee802.org/3/cz/public/mar\\_2022/editor\\_3cz\\_01\\_0322.pdf](https://www.ieee802.org/3/cz/public/mar_2022/editor_3cz_01_0322.pdf)) This presentation showed the current status of the drafting activities, the difference between the technically complete draft

([https://www.ieee802.org/3/cz/private/Chief\\_Editor\\_proposes technically complete draft.pdf](https://www.ieee802.org/3/cz/private/Chief_Editor_proposes technically complete draft.pdf)) and the D1.3 draft version ([https://www.ieee802.org/3/cz/private/8023cz\\_D1p3.pdf](https://www.ieee802.org/3/cz/private/8023cz_D1p3.pdf)) ready to be presented to the WG for balloting.

Mr. Grow noted that any modification on the draft D1.3 prior to the 802.3 WG closing Plenary meeting on 17 March shall be highlighted during consideration of approval for WG ballot.

Mr. Swanson moved a motion to recess the meeting until 9 March. Mr. Watanabe seconded. The motion was approved by unanimous consent. The meeting was recessed at approximately 13:04 UTC.

### **Wednesday, 9th March 2022, 12:00 (noon) UTC**

The meeting was called to order at approximately 12:00 UTC Wednesday 9th March 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/mar\\_2022/Agenda\\_3cz\\_01\\_0322.pdf](https://www.ieee802.org/3/cz/public/mar_2022/Agenda_3cz_01_0322.pdf)).

Mr. Grow reviewed the agenda approved on 8 March.

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 showed the proposed PAR split to be presented at the mid-session IEEE 802.3 meeting with six motions to modify 802.3cz PAR, CSD and Objectives and approve the new 802.dh PAR, CSD and Objectives. Several TF participants pointed out some typos and it was agreed that the text should be consistent with the Excel file version g modifying the changes agreed. Mr. Grow will upload a new double-checked version to the website pointing to new double-checked version h. Mr. Grow asked for seconding of the six motions to be presented at the IEEE 802.3 mid-session plenary meeting. Several participants volunteered to do so, and the WG presentation was modified to include their names.

Mr. Grow also showed in detail the presentations sent to IEEE 802.3 EC with the required changes in PAR, CSD and Objectives.

Mr. Law pointed out some comments to 802.3dg project PAR wording that may be applicable to 802.3cz and 802.3dh. The TF agreed to allow Mr. Law to modify the PAR wording to accommodate these comments.

Mr. Grow asked the TF participants to send him any comment may have about the PAR split presentation.

Mr. Grow noted that he received a comment on the draft D1.3 regarding the use of the LFSR acronym. The TF agreed to handle this comment during the WG ballot and to not make any changes on the draft for the 802.3 WG closing meeting on 17 March.

Mr. Grow asked the TF to cancel the 15<sup>th</sup> March meeting, and showed a preliminary calendar of meetings for the rest of the year according to the expected Working Group ballot recirculation. 802.3 May Interim meeting is devoted for D2.0 comment resolution, with optional meeting on 3 and 4 May depending on the volume of received comments.

Mr. Abbot moved a motion to recess until 16 March. Mr. Torres seconded. The motion was approved by unanimous consent. The meeting was recessed until 16 March at approximately 13:24 UTC.

### **Wednesday, 16th March 2022, 11:00 (noon) UTC**

The meeting was called to order at approximately 11:05 UTC Wednesday 16th March 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/mar\\_2022/Agenda\\_3cz\\_01\\_0322.pdf](https://www.ieee802.org/3/cz/public/mar_2022/Agenda_3cz_01_0322.pdf)).

Mr. Grow reviewed the agenda approved on 8 March.

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 review thoughtfully the process to approve the PAR split. He noted that the PAR split proposal did not receive comments from other working groups, and that PAR split documents were approved by the 802.3 WG during its 10 March Plenary mid-session meeting. He also described that the next step is IEEE 802 Executive Committee approval on 18<sup>th</sup> March, NesCom review with their teleconference 27<sup>th</sup> April and eventual approval by IEEE SA Standards Board early May.

Mr. Law announced that he appointed Mr. Watanabe as P802.3cz TF Vice Chair until the organization of 802.3dh TF which was announced to the 802.3 WG during the 10 March Plenary mid-session. He then asked the TF for confirmation of the appointment.

The following motion was moved:

Confirm Yuji Watanabe as the IEEE P802.3cz Task Force Vice Chair

Move: Natalie Wienckowski

Second: Kjersti Martino

The motion was approved by unanimous consent.

Mr. Watanabe thanked the TF for the confirmation.

Mr. Grow returned to the agenda and asked Mr. Torres about comments received on the draft. Mr. Torres answered that there are no further comments but the one received about the LFSR that will be resolved in the WG ballot process. Mr. Grow asked about the ToDo list and Mr. Torres answered that the objective of the ToDo list was to reach a technically complete draft, and that objective has now been reached.

Mr. Grow talked about the future TF meetings. Mr. Grow proposed to have an AdHoc meeting during April depending if presentation requests are received. Mr. Grow also announced that in case the WG approves WG ballot, the D1.3 draft will be renamed as D2.0 and the WG ballot process will be announced, probably next week.

Having exhausted the agenda items, the meeting was adjourned at approximately 11:45 UTC.

Recording secretary: Luisma Torres.