

Minutes  
Multi-Gigabit Optical Automotive Ethernet (OMEGA)  
Virtual Interim Task Force teleconference  
11-12-13-19 October 2022

Attendance list as recorded in Webex participant list

Last Name	First Name	Employer	Affiliations	October 11th	October 12th	October 13th	October 18th
Abbott	John	Corning	Corning			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				
Araki	Nobuyasu	Yazaki	Yazaki	X	X	X	
Beaudoin	Denis	TI	TI				
Bergner	Bert	TE Connectivity	TE Connectivity				
Boyer	Rich	APTIV	APTIV				
Barbero	Fernando	KDPOF	KDPOF				
Ben Artsi	Liav	Marvell	Marvell				
Bordogna	Mark	Intel	Intel				
Borda	Jamila	BMW	BMW				
Brooks	Paul	Viavi Solutions	Viavi Solutions				
Brown	Blake	UNH-IOL	UNH-IOL				
Bruckman	Leon	Huawei	Huawei				
Brychta	Michal	Analog Devices	Analog Devices				
Calvin	John	Keysight	Keysight				
Carlson	Steve	HSD, Bosch, Ethernovia					
Carty	Clark	Cisco	Cisco				
Castrillon	Alejandro	Marvell	Marvell				
Castro	Jose	Panduit	Panduit				
Chang	Ayla						
Chang	Jae-yong	Keysight	Keysight	X	X		
Cheng	Ling	Huawei					
Choudhury	Mabud	OFS	OFS				X
Chuang	Keng Hua	HPE	HPE				
Connaughton	Mike	Leviton	Leviton				
Cuesta	Emilio	TE Connectivity	TE Connectivity				
DAMBROSIA	John	Futurewei	Futurewei				
Dawson	Fred	Ch					
Dawe	Piers	Nvidia	Nvidia	X	X	X	X
DeAndrea	John	II-VI/Finisar	II-VI/Finisar				
DiBiao	Eric	TE Connectivity	TE Connectivity				
Diminico	Chris						
Dittmann	Markus	KDPOF	KDPOF	X	X		
Donthu	Suresh	Corning	Corning				X
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	X
Feyh	German	Broadcom	Broadcom	X	X	X	X
Fortusini	David	Corning	Corning				
Fritsche	Matthias	Harting	Harting				
Fukuoka	Takashi	AutoNetworks Technologies Ltd.	AutoNetworks Technologies Ltd.; Sumitomo Electric Industries, Ltd.				
Fukushima	Takahito	Dexerials Corp.	Dexerials Corp.	X	X	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				
Goto	Hideki	Toyota Motor Corporation	Toyota Motor Corporation				
Graba	Jim	Broadcom	Broadcom				
Grow	Robert	Robert M. Grow Consulting	RMG Consulting, KDPOF	X	X	X	X
Guangcan	Mi	Huawei	Huawei				
Haasz	Jodi	IEEE-SA	IEEE-SA	X	X	X	X
Hajduczenia	Marek	Charter Communications	Charter Communications				
Harshbarger	Douglas	Corning Incorporated	Corning Incorporated	X	X	X	X
Hartmann	Stephan	Siliconally GmbH	Siliconally GmbH				
Hayashi	Takehiro	HAT Labs	HAT Labs	X	X		X
He	Long	Intel	Intel				
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	X	X	X
Ikeda	Tepei	Denso	Denso				
Ingham	Jonathan	Huawei	Huawei				
Isono	Hideki	FOC	FOC				X
Jackson	Ken	Sumitomo	Sumitomo				X
Jiménez	Andy	WESCO	WESCO				
Jonsson	Ragnar	Marvell	Marvell				
Kadry	Haysam	Ford Motor Company	Ford Motor Company				
KAGAMI	Manabu	NI Tech	NI Tech		X	X	X
Kazuhiko	Ishibe	Anritsu	Anritsu				
Kamino	John	OFS	OFS				
Kawahara	Keisuke	Furukawa Electric	Furukawa Electric	X	X	X	X
Kawatsu	Yasuaki	APRESIA Systems	APRESIA Systems				
Kelkkanen	Andre	NVIDIA	NVIDIA				X
KIKUTA	Tomohiro	Adamant Namiki Precision Jewel	Adamant Namiki Precision Jewel	X	X	X	X
Kim	Joshua	Hirose USA	Hirose USA				
King	Roger	TRUMPF Photonic Components	TRUMPF Photonic Components				X
Kinncingham	Alan	I-PEX	I-PEX				
Kobayashi	Shigeru	AIO Core	AIO Core				
Koependoerfer	Erwin	Leoni	Leoni	X	X		X
Kondo	Taiji	MegaChips	MegaChips				
Kota	Kishore	Marvell	Marvell				
Kubota	Masaki	AGC	AGC		X		
Kumadayazaki	Taketo						
Kurashima	Kazuyoshi	AGC	AGC				
Lackner	Hans	QoSCom GmbH	QoSCom GmbH				
Lambert	Angie	Corning	Corning			X	X
Laubach	Mark	Tibit Communications	Tibit Communications				
Law	David	HPE	HPE	X	X	X	X
Lewis	David	Lumentum	Lumentum				
LI	Tobey	MediaTek	MediaTek				
Li	Jing	YOFC	YOFC	X			
Liu	Karen	Lightwave	Lightwave				
Lee	Bernard	Senko	Senko				

Lee	Sylvanus	Leviton	Leviton				
Lingle	Robert	GTRI	GTRI				X
Lennartsson	Kent	Kvaser AB	Kvaser AB				
Maguire	Valerie	Siemon	Siemon				
Mahlich	Matthias	Robert Bosch GmbH	Robert Bosch GmbH				
Malicoat	David	Malicoat Networking Solutions	Senko Advanced Components	X	X	X	X
Mark	Simon	Würth	Würth				
Martino	Kjersti	Inneos	Inneos	X	X	X	X
Marris	Arthur	Cadence	Cadence				
Marques	Flavio	Furukawa electric	Furukawa Electric				
Masuda	Takeo	OITDA/PETRA	OITDA/PETRA				
Matheus	Kirsten	BMW	BMW				
Mahlich	Mathias	Bosch	Bosch	X	X	X	X
Mandel	Juergen						
Mark	Simon	Würth Elektronik	Würth Elektronik				
McMillan	Larry	Western Digital	Western Digital				
Mueller	Harald	Endress + Hauser	Endress + Hauser				
Mueller	Thomas	Rosenberger	Rosenberger				X
Murty	Ramana	Broadcom	Broadcom			X	X
Nakagawa	Hideki	AGC	AGC				
Neulinger	Christian	MD Elektronik	MD Elektronik				
Nering	Ray	Cisco	Cisco				
New	Anthony	Prysmian Group	Prysmian Group				
Nicholl	Gary	Cisco	Cisco				
Nikolich	Paul	802 Chairman	802 Chairman				
Niihara	Yoshihiro	Fujikura	Fujikura	X	X	X	X
Ogura	Ichiro	Petra	Petra				
Oi	Shigehiro	AGC	AGC				
Omori	Kumi	NEC	NEC				
Ortiz	David	KDPOF	KDPOF			X	
Pandey	Sujan	Huawei	Huawei				
Pankert	Joseph	TRUMPF Photonic Components	TRUMPF Photonic Components				
Pardo	Carlos	KDPOF	KDPOF	X	X	X	X
Parsons	Earl	Commscope	Commscope				
Patel	Harsh	Ampherol	Ampherol				
Peng	Semmy	Huawei	Huawei				
Pérez-Aranda	Rubén	KDPOF	KDPOF	X	X	X	X
Peteranderl	Ralf	Rosenberger	Rosenberger				
Peters	Kevin	Inneos	Inneos			X	
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				
Powell	William	Independent	Independent				
Preis	Roland	MD Elektronik	MD Elektronik				
Pritz	Helmut	MD Elektronik	MD Elektronik				
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				
Rodes	Roberto	II-VI	II-VI				
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				
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	X
Shubochkin	Roman	OFS	OFS				
Schreiner	Stephan	Rosemberger	Rosemberger				
Shukla	Priyank	Synopsys	Synopsys				
Silvano de Sousa	Jonathan	GG-Group	GG-Group	X	X		
Simms	Bill	NVIDIA	NVIDIA				
Sommers	Scott	Molex	Molex				
Su	Charles	Huawei	Huawei				
Sun	Wensheng	Marvell	Marvell				
Sun	Yi	OFS	OFS				X
Sugihara	Okihiro	Utsunomiya University	Utsunomiya University				
Suzuki	Yasuo	KDPOF Japan	KDPOF				
Swanson	Steve	Corning Inc.	Corning Inc.				
Takahashi	Ryutaro	Senko	Senko				
Takahashi	Satoshi	POF Promotion	POF Promotion	X	X	X	X
Takahashi	Tadashi	Nitto Denko Corporation	Nitto Denko Corporation				
Takayama	Kazuya	Nitto Denko Corporation	Nitto Denko Corporation				
Tazebay	Mehmet						
Tan	I-Hsing	Broadcom	Broadcom				
Tamada	Tomohiko	JAE	JAE				
Tazebay	Mehmet	Broadcom	Broadcom				
Theuerkom	Thomas	Corning	Corning				
Theodoras	James	HG Genuine	HG Genuine				
Thompson	Geoff	GraCaSi					
Tooyserkani	Pirooz	Cisco	Cisco				
Torres	Luisma	KDPOF	KDPOF	X	X	X	
Tsujita	Yuichi	Nitto Denko Corporation	Nitto Denko Corporation	X	X	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	Sharon						
Wang	Haojie	CMCC	CMCC				
WATANABE	Yuji	AGC	AGC				X
Wendt	Mattias	Signify	Signify				
Wienckowski	Natalie	General Motors	General Motors	X	X		X
Withey	James	Fluke	Fluke				
Wiesner	Michael	Trumpf	Trumpf				
Wu	Peter	Marvell	Marvell				
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				
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				
Zhou	Hongyan	YOFC	YOFC		X		
Zhu	Liang	Marvell	Marvell				
Zhuang	Yan	Huawei	Huawei				

#### Thursday, 11th October 2022, 12:00 UTC

The meeting was called to order at approximately 12:03 UTC Thursday 11th October 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/oct 2022/Agenda 3cz 01 1022.pdf>.

Mr. Grow presented the agenda for the meeting. After some slight modifications, 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. Grow summarized the results of the IEEE SA initial ballot, with a 93% approval percentage, 5 disapprove voters, and 179 comments received. Mr. Grow recalled that the objective of this meeting scheduled to last up to four days is to discuss and resolve the comments received.

Mr. Torres asked to present *Chief Editor's Report*  
<https://www.ieee802.org/3/cz/public/oct 2022/editor 3cz 01 1022.pdf>. This presentation summarized the proposed roadmap for resolving the comments received, categorizing them into Topics, and presented statistics on the comments received. The proposed order for resolving the comments was to address all comments within the same Topic as they appear in page and line order.

Mr. Torres started the comment resolution with comment #i-7 regarding the amendment title. The following Topics were addressed during comment resolution: Title, PAR synch, Editorial scope, full duplex, number writing, EEE, simplification of lists, 50GBASE-AU delay increase, scrambler naming, state diagram, interfaces definition, reset max time, RS-FEC description improvement, and draft layout.

There was some controversy surrounding comment #i-156, and its resolution was postponed until next session, due to time constraints.

Mr. Grow recess the meeting approximately at 15:05 UTC.

#### Wednesday, 12th October 2022, 12:00 UTC

The meeting was resumed at approximately 12:01 UTC Wednesday 12th October 2022  
 Chaired by Robert Grow, IEEE P802.3cz Task Force Chair.

Mr. Grow reviewed briefly *Agenda and General Information*  
<https://www.ieee802.org/3/cz/public/oct 2022/Agenda 3cz 01 1022.pdf>.

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 resumed the comment resolution with comment #i-156. After some discussion, the proposed response was approved by informal vote (9 Yes/6 No, several participants remained neutral).

The following Topics were addressed during this comment resolution session: Table combination, low power, standard style manual, PCS receiver ordering, local faults reference, primitive parameters, 50GBASE-AU extinction ratio, BT4 bandwidths, CRU corner, antialiasing filters, equalization filter definition, frequency units, and connections. The discussion on wavelength was deferred because Mr. Murthy was not present at the session.

During resolution of comment #i-163, Mr. Pérez-de-Aranda asked to present *TDFOM @ high ER values*

([https://www.ieee802.org/3/cz/public/oct\\_2022/perezaranda\\_3cz\\_01\\_1110\\_comment\\_i\\_163.pdf](https://www.ieee802.org/3/cz/public/oct_2022/perezaranda_3cz_01_1110_comment_i_163.pdf)).

This presentation showed the TDFOM behavior at high temperatures for 50GBASE-AU PHYs, and supported the use of 3.5 dB as the Extinction Ratio specification for this PHY type. Several questions were made, and Mr. Pérez-de-Aranda provided answers.

Mr. Grow recess the meeting approximately at 15:04 UTC.

#### **Thursday, 13th October 2022, 12:00 UTC**

The meeting was resumed at approximately 12:01 UTC Thursday 13th October 2022

Chaired by Robert Grow, IEEE P802.3cz Task Force Chair.

Mr. Grow reviewed briefly *Agenda and General Information*

([https://www.ieee802.org/3/cz/public/oct\\_2022/Agenda\\_3cz\\_01\\_1022.pdf](https://www.ieee802.org/3/cz/public/oct_2022/Agenda_3cz_01_1022.pdf)).

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 resumed the comment resolution with comments #i-107 and #i-108 made by Mr. Murthy about increasing the wavelength range in transmitter and receiver from 970-990 nm to 840-990 nm. Mr. Torres proposed to reject the comments, recalled that the same issue was discussed during the Montreal plenary meeting last July, and that no consensus to change the draft was reached. Mr. Torres and Mr. Pérez-Aranda highlighted reliability differences between 850 and 980 nm devices discussed in previous presentations, and cost impact on materials and test equipment needed to support a range of wavelength, among other arguments.

Mr. Grow asked the participants if there were any objections to hearing the two late presentations received on VCSEL reliability. There were no objections.

Mr. Murthy asked to present *VCSEL reliability calculations*

([https://www.ieee802.org/3/cz/public/oct\\_2022/murthy\\_3cz\\_01\\_1022.pdf](https://www.ieee802.org/3/cz/public/oct_2022/murthy_3cz_01_1022.pdf)). This presentation

reviews the VCSEL reliability calculations presented by Mr. Pérez-de-Aranda in [https://www.ieee802.org/3/dh/public/Oct\\_5\\_2022\\_Ad\\_Hoc/perezaranda\\_3dh\\_01a\\_221005\\_vcseles.pdf](https://www.ieee802.org/3/dh/public/Oct_5_2022_Ad_Hoc/perezaranda_3dh_01a_221005_vcseles.pdf). There was a dynamic discussion about the extrapolation of VCSEL reliability data and the selection of VCSEL population to reduce the sigma parameter of the log-normal failure distribution. There was also controversy around how to calculate the failure probability for the mission profile; scaling hazard rate by the fraction of time spent at each temperature, or scale directly the time spent at each temperature in a common time-equivalent and then calculate the failure distribution. Many questions were made, and Mr. Murthy provided answers.

Mr. Pérez-de-Aranda asked to present *850nm VCSEL reliability analysis*

([https://www.ieee802.org/3/cz/public/oct\\_2022/perezaranda\\_3cz\\_02\\_1022\\_vcsele\\_rel.pdf](https://www.ieee802.org/3/cz/public/oct_2022/perezaranda_3cz_02_1022_vcsele_rel.pdf)). This

presentation showed the reliability model and calculations used in [https://www.ieee802.org/3/dh/public/Oct\\_5\\_2022\\_Ad\\_Hoc/perezaranda\\_3dh\\_01a\\_221005\\_vcseles.pdf](https://www.ieee802.org/3/dh/public/Oct_5_2022_Ad_Hoc/perezaranda_3dh_01a_221005_vcseles.pdf) in detail, and unreliability, failures and failure rate graphs for several ways of testing a given mission profile. Graphs for testing a VCSEL population first in cold, and after in high temperatures, and also for random temperatures following the mission profile histogram. Cyclic change of temperatures, were also shown. Identical number of failures is obtained at the end of each experiment for the same type of device. Three types of devices, based on VCSEL data previously discussed within the TF, were analyzed.

There was controversy again about the selection of population to shape sigma as in previous presentation discussions. A dynamic discussion with several participants asking and answering questions took place. Mr. Pérez-de-Aranda provided answers.

Mr. Torres moved the following motion, seconded by Mr. Pardo:

Motion #1

Move to approve the proposed response to comments #i-107 and #i-108 as drafted by the editor.

(Technical  $\geq$  75%)

Mover: Luisma Torres

Secunder: Carlos Pardo

During the discussion on the motion, it was again pointed out that the proposed change in the draft was already discussed in Montreal and was rejected due to lack of consensus. The cost of testing a wide range of wavelength and assessing compliance was argued.

It was suggested that the proposed response should at least include a reference to the discussion on VCSEL reliability and the presentations made.

The assertion that the proposed change allows more competitors, was also argued.

Mr. Torres withdrew Motion #1 with agreement of Mr. Pardo to accommodate the proposed response to the suggestions received.

Mr. Grow commented on the possibility of conducting a straw poll, but it was felt that the remaining scheduled time was too short to generate it and vote.

Mr. Grow encouraged TF participants to use the reflector to propose modifications to the responses to comments #i-107 and #i-108.

Mr. Grow recessed the meeting until Tuesday 18 October at approximately 14:48 UTC.

### **Tuesday, 18th October 2022, 12:00 UTC**

The meeting was resumed at approximately 12:01 UTC Tuesday 18th October 2022  
Chaired by Robert Grow, IEEE P802.3cz Task Force Chair.

Mr. Grow reviewed briefly *Agenda and General Information*  
([https://www.ieee802.org/3/cz/public/oct\\_2022/Agenda\\_3cz\\_01\\_1022.pdf](https://www.ieee802.org/3/cz/public/oct_2022/Agenda_3cz_01_1022.pdf)).

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 resumed the comment resolution with comments #i-107 and #i-108 made by Mr. Murthy about increasing the wavelength range in transmitter and receiver from 970-990 nm to 840-990 nm.

The following text was added to the proposed resolution of #i-107 and #i-108 to reflect the discussion the TF had the previous week:

“Two presentations on the VCSEL reliability were made during comment resolution discussion (see [https://www.ieee802.org/3/cz/public/oct\\_2022/murty\\_3cz\\_01\\_1022.pdf](https://www.ieee802.org/3/cz/public/oct_2022/murty_3cz_01_1022.pdf) and [https://www.ieee802.org/3/cz/public/oct\\_2022/perezaranda\\_3cz\\_02\\_1022\\_vcsl\\_rel.pdf](https://www.ieee802.org/3/cz/public/oct_2022/perezaranda_3cz_02_1022_vcsl_rel.pdf)), in addition to an in-depth discussion of the impact on system technology and testing when the wavelength range is extended as proposed in #i-107 and #i-108.”

Many participants contributed to discussions about VCSEL reliability, testing complexity and influence of the wavelength range on connectors and photodiodes among other relevant topics.

Mr. Torres proposed to conduct the following Straw Poll to sense the opinion of the TF participants:

Straw Poll #1:

Approve the modified proposed response to comments #i-107 and #i-108 as drafted by the editor.

Yes/No/Abstain

The result was the following:

	Answers	Results
A	Yes	19/39
B	No	5/39
C	Abstain	8/39
	No Answer	7/39

Mr. Torres moved the following Motion, seconded by Mr. Pardo:

Motion #1:

Move to approve the modified proposed response to comments #i-107 and #i-108 as drafted by the editor.

(Technical >= 75%)

Mover: Luisma Torres

Secunder: Carlos Pardo

The result was the following:

Yes: 13 No: 5 Abstain: 5

The motion failed.

Mr. Grow asked Mr. Torres to add the Straw Poll #1 and Motion #1 results to the proposed response and add a sentence clarifying that there was no other proposal for response to the comment and that therefore was concluded that there is no consensus to make the change proposed by the comment to the draft.

Therefore, comments #i-107 and #i-108 were rejected.

Mr. Grow asked the TF for editorial license to draft jointly with Mr. Law and Mr. Torres the final version of the proposed response for #i-107 and #i-108, and the TF granted it.

Mr. Torres continued with the resolution of comments #i-102, and #i-2 about Temperature grades, and #i-160, and #i-171 about document layout.

Once finished, Mr. Torres proceed to resolve the comments from the EZ bucket which were asked to be pulled out by Ms. Haaz and Mr. Dawe (comments #i-118, #i-138, #i-57, #i-62, #i-172, #i-4, #i-72, #i-79, and #i-85).

Mr. Grow asked the TF to continue the meeting beyond the scheduled time to finish the pending comment resolution, and the TF granted it.

Mr. Grow, Mr. Dawe, and Mr. Haaz, asked to revisit some of the comments already resolved to improve proposed response wording and avoid misunderstandings in the resolution. Comments #i-117, #i-36, #i-24, #i-25, #i-26, #i-27, #i-28, #i-29, #i-44, #i-45, #i-96, #i-166, #i-1, and #i-7 were discussed again and the proposed response was changed accordingly.

Mr. Grow asked the TF to consider two late comments received from Mr. Dawe. The TF agreed to discuss and resolve them.

Mr. Grow asked Mr. Law to upload the two late comments to MyProject.

Mr. Torres moved the following Motion, seconded by Mr. Pérez-Aranda:

Motion #2

Move to:

- Accept proposed responses to EZ “bucket” of comments, granting the editor license to adjust terminology and other content in response for consistency with other comment resolutions.

(Technical  $\geq 75\%$ )

Mover: Luisma Torres

Seconded: Rubén Pérez-Aranda

The motion was approved by unanimous consent.

Mr. Torres moved the following Motion, seconded by Mr. Pardo:

Motion #3

Move to:

- Implement the approved responses with editorial license and generate D3.1 for IEEE-SA first recirculation ballot.

(Technical  $\geq 75\%$ )

Mover: Luisma Torres

Seconded: Carlos Pardo

The motion was approved by unanimous consent.

Mr. Grow reviewed the next steps and announced that it is expected to open the new draft recirculation by Tuesday 25 October, and that the TF will discuss the comments against it during 802 Plenary meeting in Bangkok.

It was also agreed to discuss about an eventual second recirculation of the draft during Christmas time once at the Bangkok Plenary meeting.

Having exhausted the business to conduct, the meeting is adjourned at approximately 15:18 UTC.

Recording secretary: Luisma Torres.