

IEEE 802.3 Beyond 400 Gb/s Ethernet (B400G) Study Group, Jan 14, 2021 Electronic Interim Meeting
Approved Meeting Minutes, Prepared by Tom Issenhuth, John D'Ambrosia
Meeting called to order at 10:02 am ET (all times ET)

Meeting called to order by David Law, IEEE 802.3 WG Chair.
David Law appointed Tom Issenhuth recording secretary for meeting.

Mr. Law reviewed procedures regarding confirmation of SG Chair.
Mr. Law asked Mr. D'Ambrosia if he had any comments.
Mr. D'Ambrosia left call.

Mr. Law asked if anyone wished to make any comments. General comments were made.

* Motion #1	Move to confirm John D'Ambrosia as Chair of IEEE 802.3 Beyond 400 Gb/s Ethernet Study Group
Moved	Dave Ofelt
Second	Jim Weaver
By Rule	(>=75%)
Results	Approved by unanimous consent
Motion	Passes

D'Ambrosia returned to meeting, was informed of his confirmation, and assumed chairing of call.

Chair showed IMAT information and asked everyone to sign-in as meeting attendance would be taken from IMAT.

Presentation #1 Agenda and General Information

Presenter: John D'Ambrosia

URL: https://www.ieee802.org/3/B400G/public/21_0114/agenda_b400g_210114.pdf

Chair asked if there were any objections to the agenda, there were none, and the agenda (Slide #2) was considered approved.

Chair noted that the information regarding the procedures had been sent out, and requested that individuals review the following IEEE SA policies prior to the interim meeting –

- IEEE SA Participation Policy
- IEEE SA Copyright Policy
- IEEE SA Pre-PAR Patent Policy

Chair asked if anyone needed to review the policies at that time – there were no requests to do so.

Chair reviewed goals for meeting.

Chair reviewed reflector and web information.

Chair reviewed ground rules for meeting.

Chair reviewed the role of the chair.

Chair reviewed IEEE related issues (Structure / Bylaws & Rules / Standards Process)

Presentation #2 Project documents: Overview and Guidance

Presenter Adam Healey

URL https://www.ieee802.org/3/B400G/public/21_0114/healey_b400g_01_210114.pdf

General discussion.

Chair asked Mr. Issenhuth to assume chairing call at 11:04am.

Presentation #3 Beyond 400 Gb/s Ethernet – The Road Ahead

Presenter: John D’Ambrosia

URL: https://www.ieee802.org/3/B400G/public/21_0114/dambrosia_b400g_02_210114.pdf

Noted that an updated presentation will be provided to correct errors on slide 12.

General conversation.

D’Ambrosia resumed chairing the call at 11:30am.

Chair proposed straw poll below.

Straw Poll #1

The B400G SG should consider:

- A- One MAC data rate – 800 Gb/s
- B- One MAC data rate – 1.6 Tb/s
- C- Two MAC data rates – 800 Gb/s and 1.6 Tb/s
- D- 1 Tb/s
- E- No Opinion at this time

Choose 1.

Based on discussion the chair decided to delay the straw poll to a future meeting in January or February.

Presentation #4 Proposed Draft Liaison to OIF

Presenters John D’Ambrosia

URL https://www.ieee802.org/3/B400G/public/21_0114/dambrosia_b400g_01_210114.pdf

General Discussion

File renamed to IEEE_802d3_to_OIF_b400g_0121_draft.pdf and reflected edits suggested during TF discussion

* Motion #2	Move that the IEEE Beyond 400Gb/s Ethernet Study Group approve: <ul style="list-style-type: none"> • IEEE_802d3_to_OIF_3b400g_0121_draft.pdf <p>with editorial license granted to the Chair (or his appointed agent) as a liaison communication from the IEEE 802.3 Working Group to OIF.</p>
Moved	Cedric Lam
Second	Jim Weaver
Technical	(>=75%)
Results	Approved by unanimous consent
Motion	Passes

Chair reviewed future meetings and discussed their planning and logistics.

Meeting adjourned at 11:59am

Attendees (per IMAT)

Name	Employer	Affiliation
Baldwin, Thananya	Keysight Technologies	Keysight Technologies
Brown, Matthew	Huawei Technologies Canada	Huawei Technologies Canada
Bruckman, Leon	HUAWEI	HUAWEI
Casher, Patrick		Foxconn Electronics Inc.
Chen, Chan	Applied Optoelectronics, Inc.	Applied Optoelectronics, Inc.
D'Ambrosia, John	Futurewei Technologies	Futurewei (U.S. Subsidiary of Huawei)
Deandrea, John	Finisar Corporation	Finisar Corporation
Ewen, John	Marvell	Marvell
Ghiasi, Ali	Ghiasi Quantum LLC	Ghiasi Quantum LLC, Inphi
Gorshe, Steven Scott	Microchip Technology, Inc.	Microchip Technology, Inc.
Gustlin, Mark	Cisco Systems, Inc.	Cisco Systems, Inc.
Harstead, Ed	Nokia	Nokia
He, Xiang	HUAWEI	Huawei Technologies Co., Ltd
Healey, Adam	Broadcom Inc.	Broadcom Inc.
Hess, David	CORD DATA	Cord Data
Hidaka, Yasuo	Credo Semiconductor	Credo Semiconductor
Huber, Thomas	Nokia	Nokia
Hutchins, Jeff	Ranovus	Ranovus
Isono, Hideki	FUJITSU	Fujitsu Optical Components Limited
Issenhuth, Tom	Issenhuth Consulting, LLC	Huawei Technologies Co. Ltd
Jimenez, Andrew	Anixter Inc.	Anixter Inc.
Kim, Kihong/Joshua	Hirose Electric (USA), Inc.	Hirose Electric (USA), Inc.
Kimber, Eric	Semtech Ltd	Semtech Ltd
Kochuparambil, Elizabeth	Cisco Systems, Inc.	Cisco Systems, Inc.
Kocsis, Sam	Amphenol Corporation	Amphenol Corporation
Lam, Cedric		Google
Law, David	Hewlett Packard Enterprise	Hewlett Packard Enterprise
Lewis, David	Lumentum Inc.	Lumentum Inc.
Little, Terrance		Foxconn Electronics Inc.
Lyubomirsky, Ilya	Inphi Corporation	Inphi Corporation
Mak, Gary		inphi
Maki, Jeffery	Juniper Networks, Inc.	Juniper Networks, Inc.
Malicoat, David	Malicoat Networking Solutions	Malicoat Networking Solutions; Senko Advanced Components
Maniloff, Eric	Ciena Corporation	Ciena Corporation
Marques, Flavio	FURUKAWA ELECTRIC	FURUKAWA ELECTRIC
MASUDA, TAKEO	OITDA	OITDA
McMillan, Larry	Western Digital Corporation	Western Digital Corporation
Milicevic, Mario		Maxlinear Corp
Muller, Shimon	Axalume, Inc.	Axalume
Murty, Ramana	Broadcom Corporation	Broadcom Corporation
Nicholl, Gary	Cisco Systems, Inc.	Cisco Systems, Inc.
Nicholl, Shawn	Xilinx	Xilinx
Nikolich, Paul	Self	Self, HPE, Huawei, Itron, octoScope, Wyebot, UNH BCoE, YAS BBV, Origin Wireless

Noujeim, Leesa		Google
Nowell, Mark	Cisco Systems, Inc.	Cisco Systems, Inc.
Ofelt, David	Juniper Networks, Inc.	Juniper Networks, Inc.
Omori, Kumi		NEC Corporation
Parthasarathy, Vasu	Broadcom Corporation	Broadcom Corporation
Pepper, Gerald	Keysight Technologies	Keysight Technologies
Pimpinella, Rick	Panduit Corp.	Panduit Corp.
Rabinovich, Rick	Keysight Technologies	Keysight Technologies
Radhamohan, Rajeshmohan	MAXLINEAR INC	Broadcom Corporation
Rechtman, Zvi	Mellanox Technologies	NVIDIA Corporation
Sambasivan, Sam	AT&T	AT&T
Sarlet, Gert	Finisar Corporation	II-VI
Savi, Olindo	Hubbell Incorporated	Hubbell Incorporated
She, Qingya	Fujitsu Network Communications	Fujitsu Network Communications
Sivakolundu, Ramesh	Cisco Systems, Inc.	Cisco Systems, Inc.
Sorbara, Massimo	GLOBALFOUNDRIES	GLOBALFOUNDRIES
Stassar, Peter	Huawei Technologies Co. Ltd	Huawei Technologies Co., Ltd
Tamura, Kohichi	Oclaro Japan Inc.	CIG Japan
Tracy, Nathan	TE Connectivity	TE Connectivity
Tran, Viet	Keysight Technologies	Keysight Technologies
Trowbridge, Stephen	Nokia	Nokia
Wang, Ruoxu		Huawei Technologies Co., Ltd
Wang, Xinyuan	Huawei Technologies Co. Ltd	Huawei Technologies Co. Ltd
Weaver, James	Arista Networks	Arista Networks Inc.
Welch, Brian	Luxtera	Cisco Systems, Inc.
Winzer, Peter		Nubis Communications
Wu, Mau-Lin	MediaTek Inc.	MediaTek Inc.
Young, James	CommScope, Inc.	CommScope, Inc.
Zhang, Bo	Inphi Corporation	Inphi Corporation
Zhuang, Yan	Huawei Technologies Co. Ltd	Huawei Technologies Co., Ltd