IEEE 802.3 Beyond 400 Gb/s Ethernet (B400G) Study Group, 14 Oct 2021 Electronic Interim Meetings Approved Meeting Minutes, Prepared by Tom Issenhuth, John D'Ambrosia

Session called to order at 10:02 am ET (all times ET), 14 Oct 2021

Meeting called to order by John D'Ambrosia, who chaired the meeting.

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 1014/agenda b400g 211014.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 minutes for Sept 2021 Session were not published yet to be considered.

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 Pre-PAR patent policy
- IEEE SA Copyright Policy
- IEEE SA Participation Policy

Chair asked if anyone needed to review the policies at that time – there were no requests to do so. Chair asked if anyone needed any of these policies reviewed in-depth. There were no requests.

Chair presented the (See Slide #22) of the IEEE SA Pre-PAR Patent Policy slides.

Chair presented the second slide (See Slide #24) of the IEEE SA Copyright Policy slides. Chair noted – "By participating in this activity, you agree to comply with the IEEE Code of Ethics, all applicable laws, and all IEEE policies and procedures including, but not limited to, the IEEE SA Copyright Policy."

Chair presented the second slide (See Slide #27) of the IEEE SA Participation Policy slides. Chair noted – "Participants in the IEEE-SA "individual process" shall act independently of others, including employers. By participating in standards activities using the "individual process", you are deemed to accept these requirements; if you are unable to satisfy these requirements then you shall immediately cease any participation."

Chair reviewed rules related to voting (See Slide #4) and noted that people should look at rules for gaining 802.3WG Voting Membership

Chair reviewed goals for this meeting. See Slide #5. Chair reviewed timeline for the Study Group. See Slide #7.

D'Ambrosia asked Issenhuth to assume chairing the call, so he could give the next presentation. Issenhuth started chairing the call approximately 10:15 am.

| Presentation #2 | Draft - Project Overview - IEEE P802.3df  |  |
|-----------------|---|--|
| Presenter       | John D'Ambrosia   |  |
| URL             | https://www.ieee802.org/3/B400G/public/21 1014/B400G overview to dot3 draft0p99.pdf |  |

There was general discussion about the presentation. D'Ambrosia noted he would take the feedback and update the draft presentation for the 28 Oct presentation to the 802.3 WG. D'Ambrosia noted that due to the mostly minor editorial comments on the presentation, he would cancel the 21 Oct SG meeting.

D'Ambrosia resumed chairing the call at approximately 11:10 am.

Chair reviewed future meetings. See Slide #8. The meeting on October 21<sup>st</sup> was cancelled.

The meeting adjourned at approximately 11:15 am.

## Attendees

| Allenaces          |  |  |
|--------------------|--|--|
| Name               | Employer                                       | Affiliation                                |
| BakroNagy, Istvan  | EFFECT Photonics                               | Effect Photonics                           |
| Bernier, Eric      |  | Huawei Technologies Canada; Huawei         |
|                    |  | Technologies Co., Ltd                      |
| Brown, Matthew     | Huawei Technologies Canada                     | Huawei Technologies Canada                 |
| Bruckman, Leon     | Huawei Technologies Co., Ltd                   | Huawei Technologies Co., Ltd               |
| Calvin, John       | Keysight Technologies                          | Keysight Technologies                      |
| Cassan, Dave       | Alphawave                                      | Alphawave                                  |
| Choudhury, Golam   | OFS  | OFS  |
| D'Ambrosia, John   | Futurewei Technologies                         | Futurewei Technologies, U.S. Subsidiary of |
| Deandrea, John     | Finisar Corporation                            | Huawei<br>Finisar Corporation              |
| Ewen, John         | Marvell  | Marvell                                    |
| Ferretti, Vincent  | Corning Incorporated                           | Corning Incorporated                       |
| Geng, Limin        | Huawei Technologies Co., Ltd                   | Huawei Technologies Co., Ltd               |
| Ghiasi, Ali        | Ghiasi Quantum LLC                             | Ghiasi Quantum LLC, Marvell                |
| Goodwill, Dominic  |  | Huawei Technologies Canada; Huawei         |
| Goodwill, Dominic  |  | Technologies Co., Ltd                      |
| Gustlin, Mark      | Cisco Systems, Inc.                            | Cisco Systems, Inc.                        |
| Haasz, Jodi        | IEEE - Institute of Electrical and Electronics | IEEE Standards Association (IEEE-SA)       |
| 110032, 3001       | Engineers                                      |  |
| Han, Ruibo         | China Mobile Communications Corporation        | China Mobile Communications Corporation    |
| - ,                | (CMCC)   | (CMCC)                                     |
| Haser, Alexandra   | Molex Incorporated                             | Molex Incorporated                         |
| He, Xiang          | Huawei Technologies Co., Ltd                   | Huawei Technologies Co., Ltd               |
| Healey, Adam       | Broadcom Inc.                                  | Broadcom Inc.                              |
| Heck, Howard       | Intel Corporation                              | Intel Corporation                          |
| Huang, Kechao      |  | Huawei Technologies Co., Ltd               |
| HUANG, QINHUI      | Huawei Technologies Co., Ltd                   | Huawei Technologies Co., Ltd               |
| Huber, Thomas      | Nokia  | Nokia                                      |
| Hutchins, Jeff     | Ranovus  | Ranovus                                    |
| Isono, Hideki      | Fujitsu Optical Components Limited             | Fujitsu Optical Components Limited         |
| Issenhuth, Tom     | Issenhuth Consulting, LLC                      | Huawei Technologies Co., Ltd               |
| Jackson, Kenneth   | Sumitomo Electric Device Innovations, USA      | Sumitomo Electric Industries, LTD          |
| Jimenez, Andrew    | Anixter Inc.                                   | Anixter Inc.                               |
| Johnson, John      | Broadcom Corporation                           | Broadcom Corporation                       |
| Kabra, Lokesh      | Synopsys, Inc.                                 | Synopsys, Inc.                             |
| Kim, Kihong/Joshua | Hirose Electric (USA), Inc.                    | Hirose Electric (USA), Inc.                |
| Kocsis, Sam        | Amphenol Corporation                           | Amphenol Corporation                       |
| Koehler, Daniel    | MorethanIP                                     | MorethanIP                                 |
| Le Cheminant,      | Keysight Technologies                          | Keysight Technologies                      |
| Greg               |  |  |
| Levin, Itamar      |  | Intel Corporation                          |
| Lewis, David       | Lumentum Inc.                                  | Lumentum Inc.                              |
| Little, Terrance   |  | Foxconn Electronics Inc.                   |
| Liu, Karen         | Nubis Communications                           | Nubis Communications                       |
| Lusted, Kent       | Intel Corporation                              | Intel Corporation                          |
| Mak, Gary          | Inphi Corporation                              | inphi                                      |

| Malicoat, David   | Malicoat Networking Solutions                  | Malicoat Networking Solutions; SENKO           |
|-------------------|--|--|
| <i>`</i>          |  | Advanced Components                            |
| Maniloff, Eric    | Ciena Corporation                              | Ciena Corporation                              |
| Mellitz, Richard  | Samtec, Inc.                                   | Samtec, Inc.                                   |
| mi, guangcan      | Huawei Technologies Co., Ltd                   | Huawei Technologies Co., Ltd                   |
| Moorwood,         | Keysight Technologies                          | Keysight Technologies                          |
| Charles           |  |  |
| Muller, Shimon    | Enfabrica Corp.                                | Enfabrica Corp.                                |
| Nering, Raymond   | Cisco Systems, Inc.                            | Cisco Systems, Inc.                            |
| Nicholl, Gary     | Cisco Systems, Inc.                            | Cisco Systems, Inc.                            |
| Nicholl, Shawn    | Xilinx   | Xilinx   |
| Nowell, Mark      | Cisco Systems, Inc.                            | Cisco Systems, Inc.                            |
| Ofelt, David      | Juniper Networks, Inc.                         | Juniper Networks, Inc.                         |
| Omori, Kumi       | NEC Corporation                                | NEC Corporation                                |
| Opsasnick, Eugene | Broadcom Inc.                                  | Broadcom Corporation                           |
| PARK, CHUL SOO    | Juniper Networks Inc.                          | Juniper Networks, Inc.                         |
| peng, semmy       |  | Huawei Technologies Co., Ltd                   |
| Piehler, David    | Dell Technologies                              | Dell   |
| Pimpinella, Rick  | Panduit Corp.                                  | Panduit Corp.                                  |
| Pittala, Fabio    | Huawei Technologies Duesseldorf GmbH           | Huawei Technologies Duesseldorf GmbH           |
| Rabinovich, Rick  | Keysight Technologies                          | Keysight Technologies                          |
| Rahn, Jeffrey     | Infinera Corporation                           | Facebook                                       |
| Ren, Hao          | Huawei Technologies Co., Ltd                   | Huawei Technologies Co., Ltd                   |
| Rodes, Roberto    | II-VI  | II-VI  |
| Sakai, Toshiaki   | Socionext Inc.                                 | socionext                                      |
| Savi, Olindo      | Hubbell Incorporated                           | Hubbell Incorporated                           |
| Shahramian,       |  | Alphawave                                      |
| Shayan            |  |  |
| She, Qingya       | Fujitsu Network Communications                 | Fujitsu Network Communications                 |
| Simms, William    | NVIDIA Corporation                             | NVIDIA Corporation                             |
| Sommers, Scott    | Molex LLC                                      | Molex Incorporated                             |
| Son, Yung Sung    | Optomind Inc                                   | Optomind Inc                                   |
| Sorbara, Massimo  | GLOBALFOUNDRIES                                | GLOBALFOUNDIRES                                |
| Sprague, Edward   | Infinera Corporation                           | Infinera Corporation                           |
| Stassar, Peter    | Huawei Technologies Co., Ltd                   | Huawei Technologies Co., Ltd                   |
| Sun, Yi           |  | OFS  |
| Tailor, Bharat    | Semtech Canada Corporation                     | Semtech Canada Corporation                     |
| TAKAHARA,         | FUJITSU LABORATORIES LIMITED                   | FUJITSU LIMITED                                |
| ТОМОО             |  |  |
| Terada, Masaru    | FURUKAWA ELECTRIC                              | FURUKAWA ELECTRIC                              |
| Theodoras, James  | HG Genuine                                     | HG Genuine                                     |
| Tracy, Nathan     | TE Connectivity                                | TE Connectivity                                |
| Trowbridge,       | Nokia  | Nokia  |
| Stephen           |  |  |
| Wang, Haojie      | China Mobile Communications Corporation (CMCC) | China Mobile Communications Corporation (CMCC) |
| Wang, Ruoxu       | Huawei Technologies Co., Ltd                   | Huawei Technologies Co., Ltd                   |
| Wang, Xinyuan     | Huawei Technologies Co., Ltd                   | Huawei Technologies Co., Ltd                   |
| Weaver, James     | Arista Networks                                | Arista Networks                                |

| Wu, Mau-Lin        | MediaTek Inc.                | MediaTek Inc.                |
|--------------------|------------------------------|------------------------------|
| Young, James       | CommScope, Inc.              | CommScope                    |
| Zhuang, Yan        | Huawei Technologies Co., Ltd | Huawei Technologies Co., Ltd |
| Zivny, Pavel       | Tektronix, Inc.              | Tektronix, Inc.              |
| Filippou, Dimitris |                              | I2QS                         |