

Unconfirmed Meeting Minutes: IEEE 802.3 New Ethernet Applications Ad Hoc Interim Meeting

November 11, 2019
Waikoloa, HI, USA
Prepared by Jon Lewis

Monday November 11, 2019
Hilton Waikoloa Village

Meeting Chaired by John D'Ambrosia

Meeting called to order at approximately 7:00 pm.

Individuals in the room introduced themselves.

Presentation #1 – General Information & Agenda

Presenter: John D'Ambrosia

URL: http://www.ieee802.org/3/ad_hoc/ngrates/public/19_11/agenda_nea_01c_1119.pdf

Chair noted that a late presentation was received and posted earlier in the day and asked if there was any objection to hearing this presentation, time permitting, in tonight's meeting, none responded. He noted to presenter Xu Yu that the presentation would be dependent upon time availability.

http://www.ieee802.org/3/ad_hoc/ngrates/public/19_11/wang_nea_01_1119.pdf

Chair reviewed the meeting agenda and asked if there was any objection to approving the agenda as shown, none responded.

Chair reviewed minutes for approval –

a) Sept 2019 Unapproved Minutes –

http://www.ieee802.org/3/ad_hoc/ngrates/public/19_09/minutes_nea_0919_unapproved.pdf

b) 01 Oct, 2019 Ad hoc Call -

http://www.ieee802.org/3/ad_hoc/ngrates/public/calls/19_1001/minutes_nea_191001_unapproved.pdf

c) 27 Sept, 2019, BWA Ad hoc Call -

http://www.ieee802.org/3/ad_hoc/bwa2/public/calls/19_0927/minutes_nea_190927_unapproved.pdf

Chair asked if there were any changes to the minutes as posted, none responded and the minutes were approved.

The Chair discussed the Study Group Decorum slide and asked if there was anyone attending from the press, none responded.

Chair read aloud the Pre-PAR Patent policy.

Chair showed and read aloud the copyright slides on pages 5-8.

Chair showed and read aloud IEEE SA Meetings Participation Policy slides on pages 9-11.

Chair reviewed IEEE 802.3 NEA Ad Hoc information, Ground Rules, Important bylaws, Rules & References, Overview of NEA Ad hoc, and requesting a CFI in IEEE 802.3.

The Chair noted that the BWA now had a private area, and provided the group with the login information

Prior to the Industry Consensus Beyond 400 GbE presentation Mr. D'Ambrosia turned the Chair over to Mr. Lewis.

Presentation #2 – Introducing D1.0 Ethernet BWA, Part II

Presenters – John D'Ambrosia, Tom Issenhuth

URL: http://www.ieee802.org/3/ad_hoc/ngrates/public/19_11/dambrosia_bwa_01a_1119.pdf

Discussion: General discussion and timeline for the comment review of the draft was discussed.

Presentation #3 – Industry Consensus Beyond 400 GbE?

Presenter – John D'Ambrosia

URL: http://www.ieee802.org/3/ad_hoc/ngrates/public/19_11/dambrosia_nea_01a_1119.pdf

Discussion: Discussion on the timeline and potential need for 800G or 1.6T and if the speeds are outpacing technology. There was also discussion regarding prior speed jumps and what happened with their initial deployments.

Mr. D'Ambrosia resumed as Chair at approximately 8:40pm Due to limited amount of time the Chair informed Xu Yu there would not be time to present the late presentation, and noted that a follow-up call would be set up.

Presentation #4 – 200 Gb/s per Lambda Optical: Why, When, and How?

Presenter – Ilya Lyubomirsky

URL: http://www.ieee802.org/3/ad_hoc/ngrates/public/19_11/lyubomirsky_nea_01b_1119.pdf

Discussion: general discussion about the presentation.

Meeting adjourned: 9:00pm

**IEEE 802.3 New Ethernet Applications Ad Hoc (NEA)
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Last Name	First Name	Employer	Other Affiliations
Abbot	John	Corning	Corning
Balan	Vishnu	NVIDIA	NVIDIA
Baldwin	Thananya	Keysight Technologies	Keysight Technologies
Brooks	Paul	Viavi	Viavi
Brown	Matt	Huawei	Huawei
Bruckman	Leon	Huawei	Huawei
Buden	Evie	Broadcom	Broadcom
Calvin	John	Keysight Technologies	Keysight Technologies
Chalupsky	David	Intel	Intel
Chang	Frank	Source Photonics	Source Photonics
Chen	Sung	ZTE	ZTE
Chen	Chan Chih	ADI	ADI
Choudary	Mabud	OFS	OFS
Cole	Chris	Finisar	Finisar
D'Ambrosia	John	Futurewei	Futurewei
Dawe	Piers	Mellanox	Mellanox
Dudek	Mike	Marvell	Marvell
Dupuis	Marc	Web Industries	Web Industries
Ferretti	Vince	Corning	Corning
Ghiasi	Ali	Ghiasi Quantum, Huawei	Ghiasi Quantum, Huawei
Gubow	Martin	Keysight Technologies	Keysight Technologies
Gustlin	Markus	Cisco	Cisco
Hajduczenia	Marek	Charter	Charter

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Last Name	First Name	Employer	Other Affiliations
He	Xiang	Huawei	Huawei
Heade	Raj	Broadcom	Broadcom
Healey	Adam	Broadcom Inc.	Broadcom Inc.
Horner	Rita	Synopsys Inc.	Synopsys Inc.
Hutchins	Jeff	Renesas	Renesas
Hyakutake	Yasuhiro	Adament Namiki Precision Jewel	Adament Namiki Precision Jewel
Isono	Hideki	Fujitsu Optical Components	Fujitsu Optical Components
Issenhuth	Tom	Issenhuth Consulting	Huawei
Jones	Peter	Cisco	Cisco
Kareti	Uprenreddy	Cisco	Cisco
Kikuta	Tomohiro	Adament Namiki Precision Jewel	Adament Namiki Precision Jewel
Kimber	Markus	Semtech	Semtech
Kolesar	Paul	CME Consulting	Commscope
Lackner	Hans	QoSCom	QoSCom
Law	David	Hewlett Packard Enterprise	Hewlett Packard Enterprise
Lewis	Jon	Dell EMC	Dell EMC
Lewis	Dave	Lumentum	Lumentum
Lim	Jane	Cisco	Cisco
Lingle	Robert	OFS	OFS
Liu	Hai-Fang	HG. Genuine	HG. Genuine
Lyubomirsky	Ilya	Inphi	Inphi
Maki	Jeffery	Juniper Networks	Juniper Networks

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Last Name	First Name	Employer	Other Affiliations
Malicoat	David	Malicoat Network Solutions	Senko
Maniloff	Eric	Ciena	Ciena
Marques	Flavia	Furukawa Electric	Furukawa Electric
Marty	Ramama	Broadcom	Broadcom
McMillan	Larry	Western Digital	Western Digital
McSorley	Greg	Amphenol	Amphenol
Mellitz	Rich	Samtec	Samtec
Nering	Raymond	Cisco	Cisco
Neveux	Paul	Superior Essex	Superior Essex
Nicholl	Shawn	Xilinx	Xilinx
Niihara	Yoshihiro	Fujikura	Fujikura
Offut	David	Juniper Networks	Juniper Networks
Okabi	Ryo	Fujitsu Optical Components	Fujitsu Optical Components
Palkor	Tom	Molex, LLC	Molex, LLC
Parsons	Earl	CommScope	Commscope
Parthasarathy	Vasu	Broadcom	Broadcom
Pepper	Jerry	Keysight Technologies	Keysight Technologies
Pimpinella	Rick	Panduit	Panduit
Pittala	Fabio	Huawei	Huawei
Pozzebon	Dino	Microchip	Microchip
Ran	Adee	Intel	Intel
Rectman	Zvi	Mellanox	Mellanox
Riani	Jamal	Inphi	Inphi

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Last Name	First Name	Employer	Other Affiliations
Shah	Anup	Mentor Graphics	Mentor Graphics
Shariff	Masood	Commscope	Commscope
Shrikande	Kapil	Innovium	Innovium
Sommers	Scott	Molex, LLC	Molex, LLC
Sorbara	Massimo	Global Foundries	Global Foundries
Sprague	Ted	Infineon Tech.	Infineon Tech.
Srivastava	Atul	NEL-A	NEL-A
Stassar	Peter	Huawei	Huawei
Stone	Rob	Broadcom	Broadcom
Summers	Robert	Maxim Integrated	Maxim Integrated
Swanson	Steve	Corning	Corning
Terada	Masaru	OFS	OFS
Tomoo	Takahara	Fujitsu	Fujitsu
Tooyserkani	Pirooz	Cisco	Cisco
Tracy	Nathan	TE Connectivity	TE Connectivity
Tran	Viet	Keysight Technologies	Keysight Technologies
Trowbridge	Steve	Nokia	Nokia
Ulrichs	Ed	Source Photonics	Source Photonics
Venugopal	Prasad	Arista Networks	Arista Networks
Weaver	James	Arista Networks	Arista Networks
Welch	Brian	Cisco	Cisco
Wu	Mau-Lin	Mediatek	Mediatek
Young	James	CommScope	Commscope
Zhang	Kevin	Renesas	Renesas

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Last Name	First Name	Employer	Other Affiliations
Zimmerman	George	CME Consulting	Commscope, Marvell, CME Consulting, Cisco, ADI, BMW, APL Group, SenTekse
Zivny	Pavel	Tektronix	Tektronix