

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

January 21, 2020
Geneva, CH
Prepared by Jon Lewis

Tuesday January 21, 2020
ITU-T

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/20_01/agenda_nea_01a_0120.pdf

The Chair noted that the agenda should have referenced the IEEE-SA Participation Slides.

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) Nov 2019 Unapproved Minutes –

http://www.ieee802.org/3/ad_hoc/ngrates/public/19_11/minutes_nea_1119_unapproved.pdf

b) Dec 17 Interim Teleconference Meeting Minutes -

http://www.ieee802.org/3/ad_hoc/ngrates/public/calls/19_1217/minutes_nea_191217_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 noted that the agenda as posted had the incorrect Participation slides and showed the IEEE-SA Participation slides. The Chair noted that he would post an updated agenda with the proper IEEE-SA Participation slides after the meeting.

Chair showed the IEEE 802 Meetings Participation slides.

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 the BWA private area including the username and password.

Prior to starting comment resolution Mr. D'Ambrosia turned the Chair over to Mr. Lewis.

Presentation #2 – Chief Editor’s opening report

Presenter – Tom Issenhuth

URL: http://www.ieee802.org/3/ad_hoc/ngrates/public/20_01/issenhuth_bwa_01_0120.pdf

The Chief Editor asked if anyone had additional comments to be removed from the “bucket” and dealt with individually at this meeting, none responded.

Presentation #3 – 802.3 BWA Part II D1.0 Comment Resolution Agenda

Presenter – Tom Issenhuth

URL: http://www.ieee802.org/3/ad_hoc/ngrates/public/20_01/issenhuth_bwa_02_0120.pdf

Comment resolution commenced.

Presentation #4 – Draft: Proposed "Liaison to the World"

Presenter – John D’Ambrosia

URL: http://www.ieee802.org/3/ad_hoc/ngrates/public/20_01/dambrosia_bwa_01a_0120.pdf

Discussion: Mr. D’Ambrosia read aloud the draft letter and made changes as agreed to by the group.

Presentation #5 – Comment #110: Update to Figure 27

Presenter – John D’Ambrosia

URL: http://www.ieee802.org/3/ad_hoc/ngrates/public/20_01/dambrosia_bwa_02_0120.pdf

Comment resolution concluded.

Presentation #6 – Ethernet BWA, Part II Schedule Update

Presenter – John D’Ambrosia, Tom Issenhuth

URL: http://www.ieee802.org/3/ad_hoc/ngrates/public/20_01/dambrosia_bwa_03_0120.pdf

Presentation #7 – Ethernet BWA, Part II Draft Tutorial

Presenter – John D’Ambrosia

URL: http://www.ieee802.org/3/ad_hoc/ngrates/public/20_01/tutorial_bwa_01_0120.pdf

Discussion: Mr. D’Ambrosia noted that he is soliciting feedback from the group.

Presentation #8 – The Roadmap to a “Beyond 400GbE CFI”

Presenter – John D’Ambrosia

URL: http://www.ieee802.org/3/ad_hoc/ngrates/public/20_01/dambrosia_nea_01b_0120.pdf

Discussion: It was noted that slide 2 indicates 4000 GbE instead of 400 GbE. Mr. D’Ambrosia noted that he would publish an updated “01b” version after the meeting. Mr. D’Ambrosia explained how slide 5 was drawn. There was discussion on whether Edge Computing would affect the BWA, but it was noted that no such data was contributed to the BWA effort for consideration. There was discussion about the meaning of the term “port” on slide 11.

Meeting adjourned: 8:34pm

**IEEE 802.3 New Ethernet Applications Ad Hoc (NEA)
January 2020 Interim Meeting**

By choosing to attend and sign in to this meeting, you acknowledge and agree that your personal data will be documented for IEEE standards development purposes to comply with policies and procedures, legal and accreditation requirements, and evaluation of patent claims by patent offices. See Front Page for additional information.

Last Name	First Name	Employer	Other Affiliations
Bordogna	Markus	Intel	Intel
Braun	Rolf-Peter	Deutsche Telekom	Deutsche Telekom
Brown	Matt	Huawei Technologies Canada	Huawei Technologies Canada
Calvin	John	Keysight Technologies	Keysight Technologies
Chalupsky	David	Intel	Intel
Chang	Ayla	Huawei	Huawei
Choudary	Mabud	OFS	OFS
D'Ambrosia	John	Futurewei	Futurewei, U.S. Subsidiary of Huawei
DeAndrea	John	II-VI	II-VI
Du	Liang	Google	Google
Dudek	Mike	Marvell	Marvell
Estes	Dave	Spirent	Spirent
Fritsche	Matthias	Harting	Harting
Ghiasi	Ali	Ghiasi Quantum	Ghiasi Quantum, Inphi
Graber	Steffen	Pepperl+Fuchs	Pepperl+Fuchs
Gubow	Marty	Keysight Technologies	Keysight Technologies
Guedes	Marcelo	Idea	Idea
He	Xiang	Huawei	Huawei
Healey	Adam	Broadcom Inc.	Broadcom Inc.

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Last Name	First Name	Employer	Other Affiliations
Hedge	Raj	Broadcom Inc.	Broadcom Inc.
Hormmeyer	Bernd	Phoenix Contact	Phoenix Contact
Huszak	Gergely	Kone	Kone
Hyakutake	Yasuhiro	Adament Namiki Precision Jewel	Adament Namiki Precision Jewel
Isono	Hideki	Fujitsu Optical Components	Fujitsu Optical Components
Lackner	Hans	QoSCom	QoSCom
LeCheminant	Greg	Keysight Technologies	Keysight Technologies
Lewis	Jon	Dell EMC	Dell EMC
Lingle	Robert	OFS	OFS
Maki	Jeffery	Juniper Networks	Juniper Networks
Maniloff	Eric	Ciena	Ciena
McMillan	Larry	Western Digital	Western Digital
Mi	Guangcan	Huawei	Huawei
Nalcamote	Ed	Spirent	Spirent
Nering	Ray	Cisco	Cisco
Nicholl	Shawn	Xilinx	Xilinx
Nowell	Markus	Cisco	Cisco
Ofelt	David	Juniper Networks	Juniper Networks
Palkart	Thomas	Molex/Macom	Molex/Macom

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Last Name	First Name	Employer	Other Affiliations
Pepper	Gerald	Keysight Technologies	Keysight Technologies
Pittaca	Fabio	Huawei	Huawei
Ryo	Okabe	Fujitsu Optical Components	Fujitsu Optical Components
Sayre	Edward	NESA	NESA
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
Sun	Phil	Credo	Credo
Takahara	Tomoo	Fujitsu	Fujitsu
Thompson	Lance	II-VI	II-VI
Tran	Viet	Keysight Technologies	Keysight Technologies
Trowbridge	Steve	Nokia	Nokia
Vanderlaan	Paul	UL LLC	UL LLC
Venugopal	Prasad	Arista Networks	Arista Networks
Wang	Xinyuan	Huawei	Huawei
Wang	Ruoxu	Huawei	Huawei
Weaver	Jim	Arista Networks	Arista Networks
Xu	Yu	Huawei	Huawei

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Last Name	First Name	Employer	Other Affiliations
Young	James	Commscope	Commscope
Zimmerman	George	CME Consulting	Commscope, Marvell, CME Consulting, Cisco, ADI, SenTekSe