

**Unconfirmed Meeting Minutes:
IEEE 802.3 New Ethernet Applications Ad Hoc
Jan 2018 Interim Meeting
Geneva, CH**

Prepared by John D'Ambrosia

NEA Session #1 – Wednesday, Jan 24, 2018.

Meeting Chaired by David Law

Meeting called to order at approximately 6:00pm.

Individuals in the room introduced themselves.

Presentation #1 – General Information & Agenda

Presenter: David Law, HPE

URL: http://www.ieee802.org/3/ad_hoc/ngrates/public/18_01/agenda_nea_01a_0118.pdf

Presentation #2 – Accumulated switch latency in industrial applications

Presenter – Jordon Woods, ADI

URL: http://www.ieee802.org/3/ad_hoc/ngrates/public/18_01/woods_nea_01a_0118.pdf

General Discussion

There was agreement that additional discussion was needed, and a follow-on NEA session @ the March 2018 Plenary would be requested.

NEA to co-ordinate with János Farkas to select a time for a teleconference. 09h00 PT on Mondays was suggested.

IEEE 802.1 asked that the announcement for the meeting be sent to the IEEE 802.1 reflector as well.

Don Pannell offered to arrange the IEEE 802.1Qbv time aware shaper presentation.

Marek Hajduczenia to do presentation on IEEE 802.3 EPON protocol presentation.

Meeting adjourned ≈ 7:15pm

Attendees

IEEE 802.3 NEA Ad hoc		
Last Name	First Name	Employer / Affiliation
Ademaj	Astrit	TT Tech
Ao	Ting	ZTE
Assmann	Ralf	Marvell
Bains	Amrik	Cisco
Beruto	Piergiorgio	Canova Tech
Boiger	Christian	b-plus GmbH
Bruckner	Dietmar	BRR Industrial Automation
Brychta	Michal	Analog Devices
Canchi	Radhakrishna	Kyocera
Chen	Feng	Siemens
Diminico	Chris	MC Communications
Elbakolry	Hesham	Huawei
Ellegaard	Lars	Microsemi
Enzinger	Thomas	BRR Industrial Automation
Feng	Yonggeng	ZTE Tx
Fontainz	Mickael	Transpacket
Franchule	Brian	Emerson Automation Solutions
Graber	Steffen	Pepperl & Fuchs
Jones	Peter	Cisco
Kabra	Lokesh	Synopsys
Kapportz	Jannis	Endress & Hauser
Kehrer	Stephan	Hirschtann
Kirritann	Hubert	Solutil / IEC MT9
Law	David	HPE
Lewis	Jon	Dell-EMC
Lutz	Peter	Sercos International
Mayer	Michael	Huawei
McCarthy	Mick	Analog Devices
McClellan	Brett	Marvell
Morita	Naotaka	NTT-AT
Nikolich	Paul	Self
Orzelli	Antonio	Canova Tech
Pannell	Don	NXP
Qiu	Wayne	Huawei Technologies
Stanica	Marius	ABB

Thompson	Geoff	GraCasi / Independent
Varga	Balars	Ericsson
Wang	Tongtong	Huawei
Weber	Karl	Beckhoff
Wessels	Leon	Uman Technologies
Wicher	Markus	Endress & Hauser
Wood	Graeme	IEC MT9
Woods	Jordon	ADI
Wumport	Ruiner	IEC MT9
Yu	Xiang	HW
Zimmerman	George	CME Consulting, APL Group, ADI, Aquantia, BMW, Cisco, Commscope

NEA Session #2 – PON

Meeting Chaired by John D'Ambrosia

Called to order at 9:00am, Friday, January 26, 2018.

Individuals in the room introduced themselves.

Presentation #1 – General Information & Agenda

Presenter: John D'Ambrosia, Futurewei, Subsidiary of Huawei

URL: http://www.ieee802.org/3/ad_hoc/ngrates/public/18_01/agenda_nea_01a_0118.pdf

Time: 9:16 am

Presentation #2 – P2P Ethernet for Optical Access

Presenter – Frank Effenberger, Huawei

URL: http://www.ieee802.org/3/ad_hoc/ngrates/public/18_01/effenberger_nea_01_0118.pdf

Meeting break ≈ 9:45am

Meeting reconvened at 10:15 am

Q&A on Presentation #2.

Chair asked Effenberger about future discussions in NEA. Effenberger indicated that he would like to have further consensus building with the potential to work towards a CFI.

Presentation #3 – CFI for CFI: 1x50Gb/s and 2x50Gb/s EPON

Presenter: Mark Laubach, Broadcom

URL: http://www.ieee802.org/3/ad_hoc/ngrates/public/18_01/laubach_nea_01_0118.pdf

General Discussion

Straw Poll #1 –

When should we target a Call For Interest presentation for 50 Gb/s serial for 1x50Gb/s (50G) and 2x50Gb/s (100G) EPON?

Vote for once choice

- 1) As soon as possible - 1
- 2) As late as possible, but meeting 2025 availability target - 1
- 3) Somewhere in between - 1
- 4) When feasibility is established – 25
- 5) No opinion – 5
- 6) None of the above - 5

Room Count: 44

Presentation #4 – SuperPON

Presenter – Claudio DeSanti, Google

URL: http://www.ieee802.org/3/ad_hoc/ngrates/public/18_01/desanti_nea_01a_0118.pdf

David Law reminded the group of the roles of Study Groups and Task Forces and what rules allow them to do.

Break for lunch at 12:30pm

Reconvene at 1:30

Q&A continued.

Discussion about Slide #13. DeSanti indicated he would provide an update of presentation providing scale information on this slide. (Noted URL is for updated version.)

Presentation #5 – Cost Analysis of Tunable WDM-PON Transceivers

Presenter: David Li, Hisense Broadband

URL: http://www.ieee802.org/3/ad_hoc/ngrates/public/18_01/li_nea_01_0118.pdf

Strawpoll #2 – Is there interest in further study of SuperPON technologies?

Yes -	16
No -	0
No Opinion -	16

Room Count	36
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Claudio indicated he wished to pursue further study in the NEA.

Motion to adjourn
Moved by Remein
Second by DeSanti

Approved by voice vote without opposition.

Meeting adjourned ≈ 4pm.

IEEE 802.3 NEA Ad hoc		
Last Name	First Name	Employer / Affiliation
Ae	Wilson	Accelink
Anslow	Peter	Ciena
Braun	Ralf-Peter	Deutsche Telecom
Brown	Alan	Adtran
Chang	Yuguang	FiberHome
Chang	Ayla	Huawei
D'Ambrosia	John	Futurewei, Subsidiary of Huawei
DeSanti	Claudio	Google
Du	Liung	Google
Edward	Walter	AT&T
Essenberger	Frank	Huawei
Geng	Dan	ZTE
Goldberg	Jonathan	IEEE-SA
Gorshe	Steve	Microsemi
Guo	Yong	ZTE
Hajduczenia	Marek	Charter
Harstead	Ed	Nokia
Hayakawa	Akinori	Fujitsu Laboratories
Johnson	John	Broadcom
Knittle	Curtis	CableLabs
Kolesar	Paul	CommScope
Kramer	Glen	Broadcom
Laubach	Mark	Broadcom
Laum	Cedric	Google
Law	David	HPE
Lee	Hanhyub	ETRI
Li	David	HiSense
Luo	Yuanqiu	Huawei
Maras	Sun	Huawei
Nikolich	Paul	Self

Noll	Kevin	Tibit Communications
Parsons	Earl	CommScope
Powell	Bill	Nokia
Remein	Duane	Huawei
Rixin	Li	Huawei
Slants	Patrick	IEEE-SA
Stassar	Peter	Huawei
Thompson	Geoff	Gra / Ind
Trowbriidge	Steve	Nokia
Umeda	Daisuke	Sumitomo
Umnov	Alexander	Corning
Wey	Shan	ZTE
Xu	Yu	Huawei
Xun	Zhang	Huawei
Yuan	LiQuan	ZTE
Zhong	Weiging	Accelink
Zhong	Qiwen	Huawei