

Unconfirmed Meeting Minutes:  
IEEE 802.3 New Ethernet Applications Ad Hoc  
Plenary Meeting  
July 11, 2017  
Berlin, Germany

Prepared by  
Session 1 - Jon Lewis  
Session 2 – John D’Ambrosia

Meeting called to order Tuesday July 11 at 3:32pm

Chaired by John D’Ambrosia, Futurewei, Subsidiary of Huawei

Presentation #1 – Agenda and General Information

John D’Ambrosia, Futurewei, Subsidiary of Huawei

URL: [http://www.ieee802.org/3/ad\\_hoc/ngrates/public/17\\_07/agenda\\_nea\\_01\\_0717.pdf](http://www.ieee802.org/3/ad_hoc/ngrates/public/17_07/agenda_nea_01_0717.pdf)

D’Ambrosia went over the agenda for the meeting –

- Tuesday, July 11, 1pm to 3pm
  - Single Pair Ethernet (Peter Jones)
- Tuesday, May 23, 7:30 pm to 10pm
  - 100 Gb/s Electrical Signaling (Joel Goergen / Beth Kochuparambil)
  - Next Generation MMF PMDs (Robert Lingle)
- Ad Hoc Information
- IEEE 802 Participation Slide shown
- Ground Rules
- Important Bylaws, Rules, References
- Pre-PAR Patent policy shown
- Overview of NEA Ad hoc

Presentation #2 - 802.3 NEA SPE Ad Hoc Report

Presented by - Peter Jones, Cisco Systems

URL: [http://www.ieee802.org/3/ad\\_hoc/ngrates/public/17\\_07/jones\\_nea\\_01a\\_0717.pdf](http://www.ieee802.org/3/ad_hoc/ngrates/public/17_07/jones_nea_01a_0717.pdf)

Minutes from June 15th and 29th SPE Teleconferences approved without objection

Presentation #3 - Intra-Switch Management Interface Use Cases for Single Pair Ethernet

Presented by Amrik Bains, Cisco Systems

URL: [http://www.ieee802.org/3/ad\\_hoc/ngrates/public/17\\_07/bains\\_nea\\_01\\_0717.pdf](http://www.ieee802.org/3/ad_hoc/ngrates/public/17_07/bains_nea_01_0717.pdf)

Presentation #4 - Other Opportunities for 802.3cg 10SPE –

Presented by Peter Jones, Cisco Systems

URL: [http://www.ieee802.org/3/ad\\_hoc/ngrates/public/17\\_07/jones\\_nea\\_02a\\_0717.pdf](http://www.ieee802.org/3/ad_hoc/ngrates/public/17_07/jones_nea_02a_0717.pdf)

Straw Poll #1: I support further work to investigate and address the intra-system use of 10SPE:

Yes: 27          No: 1          Abstain: 11

Straw Poll #2: I support progressing the intra-system use of 10SPE by (Chicago):

More consensus building in 802.3 NEA AdHoc: 0

Request 802.3cg to take this up: 28

New CFI work in 802.3 NEA AdHoc: 0

Abstain: 17

Straw Poll #3: I support progressing the intra-system use of 10SPE by (only one):

More consensus building in 802.3 NEA AdHoc: 0

Request 802.3cg to take this up: 25

New CFI work in 802.3 NEA AdHoc: 0

Abstain: 16

NEA Session 1 ended at 4:44pm.

NEA Session 2 called to order Tuesday July 11 at 7:35pm

Presentation #5 – Agenda and General Information

Presented by John D’Ambrosia, Futurewei, Subsidiary of Huawei

URL: [http://www.ieee802.org/3/ad\\_hoc/ngrates/public/17\\_07/agenda\\_nea\\_01\\_0717.pdf](http://www.ieee802.org/3/ad_hoc/ngrates/public/17_07/agenda_nea_01_0717.pdf)

D’Ambrosia noted that he would be assisting Beth Kochuparambil with the CFI, and would make the formal CFI request for her, as he is an 802.3 voter. He noted that Beth will be leading the development of the CFI.

Presentation #6 – 100 Gb/s per Lane for Electrical Interfaces and PHYs Call For Interest Consensus

Presented by Elizabeth Kochuparambil

URL: [http://www.ieee802.org/3/ad\\_hoc/ngrates/public/17\\_07/kochuparambil\\_nea\\_01a\\_0717.pdf](http://www.ieee802.org/3/ad_hoc/ngrates/public/17_07/kochuparambil_nea_01a_0717.pdf)

General Discussion regarding CFI Consensus Deck

Presentation #7 – Next-gen 200 and 400 Gb/s PHYs over Fewer MMF Pairs Call For Interest Consensus

Presentation

Presented by Robert Lingle, OFS

URL: [http://www.ieee802.org/3/ad\\_hoc/ngrates/public/17\\_07/lingle\\_nea\\_01a\\_0717.pdf](http://www.ieee802.org/3/ad_hoc/ngrates/public/17_07/lingle_nea_01a_0717.pdf)

General Discussion regarding CFI Consensus Deck

Meeting adjourned at ≈10:00pm.

## Attendees

<b>Last Name</b>	<b>First Name</b>	<b>Employer / Affiliation</b>	<b>Tues</b>
Akasaki	Shago	Denso	x
Beruto	Piergiorgio	Canova Tech SRL	x
Bhatt	Vipul	Finisar	x
Booth	Brad	Microsoft	x
Brandt	Dave	Rockwell Automation	x
Braun	Ralf-Peter	Deutsche Telecom	x
Brillhart	Theo	Fluke	x
Brown	Matt	Macom	x
Butter	Din	Global Foundries	x
Carlson	Steve	HSD - Bosch	x
Chabot	Craig	UNH-IOL	x
Chadha	Mandeep	Microsemi	x
Chen	David	AOI	x
Choudhury	Mabud	OFS	x
Chwaled	Sascha	Viavi Solutions	x
Dachin	Tsenj	Realtek	x
D'Ambrosia	John	Futurewei, subsidiary of Huawei	x
Dawe	Piers	Mellanox Technologies	x
Dudek	Mike	Cavium	x
Eitel	Corndia	Hirsdimann Automation and Control	x
Elbers	Jorg-Peter	ADVA Optical Networking	x
Fife	James	Etopus	x
Flatman	Alan	LAN Technologies	x
Ghiasi	Ali	Ghiasi Quantum	x
Gottron	Jens	Siemens	x
Gustlin	Mark	Xilinx	x
Hashimoto	Tomohiro	Socionext	x
Hayakana	Akinori	Fujitsu Laboratories	x
Hayashi	Takehiro	HAT Lab. Inc	x
Healey	Adam	Broadcom Ltd	x
Heck	Howard	Intel	x
Hegde	Rajmonan	Broadcom Ltd	x
Hidaka	Yasuo	Fujitsu Lab of America	x

Hoglund	David	Johnson Controls	x
Ilyadis	Nick	Marvell	x
Ishibe	Kazuhika	Anritsu	x
Jackson	Kenneth	Sumitomo	x
Jimenax	Andrew	Anixter	x
Johnson	John	Broadcom Ltd	x
Kawatsu	Yasuaki	Apresia Systems	x
Kiefer	Adrian	Fachhochschule Wordwestschweiz	x
Kimber	Mark	Semtech	x
Kochuparambil	Beth	Cisco	x
Koehler	Daniel	Morethan IP	x
Leizerovich	Hanan	MultiPhy	x
Lewis	Jon	Dell	x
Lim	Jane	Cisco	x
Lin	Alexander	Mediatek	x
Lingle	Robert	OFS	x
Liyang	Sun	Huawei	x
Lizhi	Dai	Mediatek	x
Lusted	Kent	Intel	x
Maguire	Valerie	Siemon	x
Maki	Jeffrey	Juniper Networks	x
Manabu	Kagami	Toyoto CROL	x
Marris	Arthur	Cadence	x
McCarthy	Mick	Analog Devices	x
Mellitz	Richard	Samtec	x
Montemezzo	Nicola	Canova Tech SRL	x
Muyshondt	Henry	Microchip Technology	x
Nicholl	Gary	Cisco	x
Nowell	Mark	Cisco	x
Ocuaghain	Osin	Analog Devices	x
Ofelt	David	Juniper Networks	x
Palkert	Thomas	Molex / Macom	x
Petrie	Richard	Microchip Technology	x
Pham	Phong	USConec	x
Pozzebou	Dino	Microsemi	x
Ran	Adee	Intel	x

Rechtman	Zvi	Mellanox Technologies	x
Rotolo	Salvatore	STMicroelectronics	x
Rysin	Alexander	Mellanox Technologies	x
Schwenk	Martin	Fujitsu	x
Shariff	Masood	Commscope	x
Shih-Chin	Yang	AOI	x
Sone	Yoshiaki	NTT	x
Sprague	Ted	Infinera	x
Swanson	Steve	Corning	x
Tailor	Bharat	Semtech	x
Tamura	Kohichi	Oclaro	x
Tooyserkani	Pirooz	Cisco	x
Tracy	Nathan	TE Connectivity	x
Ulrichs	Ed	Source Photonics	x
Vaden	Sterling	Surtec	x
White	Martin	Cavium	x
Withey	James	Fluke	x
Wucher	Markus	Endless & Hauser	x
Xu	Dayin	Rockwell Automation	x
Yamamoto	Shuto	NTT	x
Yingo	Lin	Applied OptoElectronics	x
Zhao	Qing	Huawei	x
Zhuang	Yan	Huawei	x
Zielinski	Martin	Emerson	x
Zimmerman	George	CME Consulting / Commscope / Aquantia	x
Zivny	Pavel	Tektronix	x