

Unapproved Minutes
IEEE 802.3 Next Generation 100Gb/s Optical Ethernet Study Group
Co-located interim meeting
12 March, 2012
Waikoloa, HI, USA

Prepared by: Pete Anslow, Ciena

12 March, 2012

The meeting was called to order at 8:33 a.m., on 12 March, 2012 by Dan Dove, Study Group Chair.

Pete Anslow was appointed as Recording Secretary for this meeting.

Documentation for the Waikoloa co-located interim meeting can be found at the meeting web-page:
<http://www.ieee802.org/3/100NGOPTX/public/mar12/interim/index.html>

Motion to approve the minutes from the January 2012 interim meeting:

Passes by voice without opposition

Agenda and General Information

By: Dan Dove, SG Chair

See: dove_01_0312_NG100GOPTX.pdf

Motion to approve the agenda:

Passes by voice without opposition

The Chair asked if there are any reporters in the room. No one responded.

The Chair presented the Study Group decorum.

The Study Group was reminded that photographs or recordings are not allowed without permission.

The Chair presented the rest of the Agenda and General Information presentation

Start of technical presentations, at 8:50 a.m.

Presentation # 1

Title: Low Latency NRZ and PAM4 FEC Architecture

By: Mark Gustlin, Xilinx

See: gustlin_01_0312_NG100GOPTX.pdf

Presentation # 2

Title: Host Budget Consensus Building

By: Ryan Latchman, Mindspeed

See: latchman_01_0312_NG100GOPTX.pdf

Presentation # 3

Title: Common MDI requirements

By: Tom Palkert, Molex
See: palkert_04_0312_NG100GOPTX.pdf

Presentation # 4

Title: 256b/257b Transcoding for 100 Gb/s Backplane and Copper Cable

By: Roy Cideciyan, IBM

See: cideciyan_01_0312_NG100GOPTX.pdf

Break 10:11 a.m.

Reconvened at 10:28 a.m.

Presentation # 5

Title: Choosing Host PCB for CR4 Optimally with an Eye Toward Unretimed Interface

By: Ali Ghiasi, Broadcom

See: ghiasi_04_0312_NG100GOPTX.pdf

During discussion of the presentation, an issue was pointed out with the presentation. This was corrected in ghiasi_04a_0312_NG100GOPTX.pdf

Presentation # 6

Title: 802.3bj MDI Baseline Proposal 100Gb/s Backplane and Copper Cable Task Force

By: Nathan Tracy, TE Connectivity

See: tracy_01_0312_NG100GOPTX.pdf

11:23

Straw Polls

See: straw_polls_0312.pdf on the meeting web-page

Straw-poll #1:

I would support the adoption of an MDI for copper cables as per tracy_01_0312.pdf

Yes: 36

No: 4

Room count 90

Motion to adjourn

Moved: Hugh Barrass

Second: Steve Trowbridge

Passes by voice without opposition

Next-gen 100G Optics Study Group -- Attendee List
 Co-located Interim meeting, 12 March 2012, Waikoloa, HI

Last Name	First Name	Affiliation	Mar 12 interim
Abbas	Ghani	Ericsson	x
Abbott	John	Corning Inc	x
Adee	Ran	Intel	x
Amleshi	Peerouz	Molex	x
Anderson	Jon	Opnext	x
Anslow	Pete	Ciena	x
Arambedula	Bernard	Intel	x
Balasubramanian	Koussalya	Cisco	x
Baldwin	Thananya	Ixia	x
Barrass	Hugh	Cisco	x
Beaudoin	Denis	Texas Instruments	x
Bennett	Mike	LBNL	x
Bhatt	Vipul	Lightwire	x
Bliss	Will	Broadcom	x
Booth	Brad	Dell	x
Brown	Matt	Applied Micro	x
Bugg	Mark	Molex	x
Carroll	Martin	Verizon	x
Catlin	Jeff	Accton	x
Cideciyan	Roy	IBM	x
Cole	Chris	Finisar	x
Cui	Kai	Huawei	x
Cvijetic	Milorad	NEC America	x
Dama	Bipin	Lightwire	x
Dawe	Piers	IPtronics	x
Diminico	Chris	MC Communications	x
Dudek	Mike	Qlogic	x
Flatman	Alan	LAN Technologies	x
Ghiasi	Ali	Broadcom	x
Goergen	Joel	Cisco	x
Gustlin	Mark	XILINX	x
Hajduczenia	Marek	ZTE	x
Hamano	Hiroshi	Fujitsu Labs	x
Healey	Adam	LSI	x
Heath	Jeff	Linear Technology	x
Hidaka	Yasuo	Fujitsu Lab of America	x

Ho	Francis	Inphi	x
Hu	Kerry	Huawei	x
Irwin	Scott	Mosys	x
Kai	Cui	Huawei	x
Kamatsu	Yasuaki	Hitachi Cable	x
Katsuhisa	Tawa	Sumitomo Electric	x
Katz	Walter	Si Soft	x
King	Jonathan	Finisar	x
Kochuparambil	Beth	Cisco	x
Kodama	Satoshi	NTT	x
Kolesar	Paul	Commscope	x
Kono	Masahi	Hitachi	x
Koussalya	Balasubramaman	Cisco	x
Kvist	Bengt	Ericsson	x
Lackner	Hans	QoSCom	x
Langhammer	Martin	Altera	x
Latchman	Ryan	Mindspeed	x
LeCheminant	Greg	Agilent Technologies	x
Li	Mike	Altera	x
Lusted	Kent	Intel	x
Maki	Jeffery	Juniper	x
Masood	Shariff	Commscope	x
McClay	Phil	TE Connectivity	x
McDermott	Tom	Fujitsu Labs	x
McDonough	John	NEC America	x
Meghelli	Mounir	IBM	x
Meier	Wolfgang	Emerson	x
Mein	John	Onechip Photonics	x
Melitz	Richard	Intel	x
Misek	Brian	Avago	x
Moore	Charles	Avago Technologies	x
Nakaawa	Yukihiro	Fujitsu Labs	x
Nakamoto	Edward	Spirent	x
Nicholl	Gary	Cisco	x
Ofelt	David	Juniper	x
Palkert	Tom	Xilinx, Molex, Luxtera	x
Park	Jisang	LS Cable and System	x
Patel	Pravin	IBM	x
Pepper	Jerry	Ixia	x
Perrie	Randy	Onechip Photonics	x
Petrilla	John	Avago Technologies	x

Rabinovich	Rick	Alcatel Lucent	x
Ran	Ravid	Mellanox	x
Riani	Jamal	Marvell	x
Salunke	Vineet	Cisco	x
Seto	Koichiro	Hitachi Cable	x
Shanbhag	Megha	TE Connectivity	x
Shang	Song	Semtech	x
Shariff	Masood	Commscope	x
Sprague	Ted	Infinera	x
Stassar	Peter	Huawei	x
Swanson	Steve	Corning Inc	x
Szczepanek	Andre	Inphi	x
Teipen	Brian	ADVA Optical	x
Teixeira	Antonio	NSN	x
Tracy	Nathan	TE Connectivity	x
Trowbridge	Steve	Alcatel Lucent	x
Umnov	Alexander	Huawei	x
Vanderlaan	Paul	Nexans Inc	x
Vlasov	Yuri	IBM	x
Wagner	Bob	Panduit Corp	x
Wong	CK	FCI Mergeoptics	x
Xi	Huang	Huawei	x
Yoon	Hyung Suk	TeraSquare	x
Zhao	Wenyu	CATR China	x
Zivny	Pavel	Tektronix	x