

IEEE 802.3 HSE Consensus Ad Hoc
San Antonio, TX, USA
14 – Nov – 2012

Meeting chaired by John D'Ambrosia, Dell
Meeting notes prepared by John D'Ambrosia, Dell

Meeting began at 8:03pm
Meeting Webpage - http://www.ieee802.org/3/ad_hoc/hse/public/12_11/index.shtml

D'Ambrosia went over agenda and general information.
http://www.ieee802.org/3/ad_hoc/hse/public/12_11/agenda_hse_01_1112.pdf

Guidelines for IEEE-SA Meetings shown.

Draft CFI Presentation was reviewed. Noted on slides that this is a draft presentation and undergoing review and update.

http://www.ieee802.org/3/ad_hoc/hse/public/12_11/CFI_D0p4.pdf

The presentation was shown briefly in its entirety so the group could understand the flow of the overall presentation.

Comments included

- Some felt that a slide showing a roadmap to Terabit is necessary
- The rationale for not doing Terabit needs to be covered.
- Feedback – We know that a bigger pipe is necessary, but the choice to develop the next rate needs to also include feedback regarding the time to market to develop the solution, and the cost of the solution.
- Data needed to cover speed / market potential.
- Slide that includes support from end-users. Possible quotes?
- “Cost matters!”
- A slide was suggested that would demonstrate the bw need versus a lagged solution approach
- Slide showing the applications
- The “AXIS” approach slides are too complicated and needs to be simplified.
 - A number of individuals suggested different approaches – a shaded line approach, a radial line approach, use of tables
 - Focus on illustrating 400G implementations, and possibly TB implementations (which shows the technology isn't there)
 - The hurdle of trying to simplify this down that doesn't invite the audience to get distracted was recognized. Group agreed on KISS approach.

- The time element also needs to be addressed, as solutions will change in time.
- List of on-going work is needed
- List of standards in development needed
- Capture relationship between tradeoffs / cost for solutions

Individuals were invited to submit material for consideration for inclusion.

The Chair will continue working with the team on an update. The chair will evaluate holding a teleconference pending completion of the next update. No date for a teleconference was set.

Attendees

John D'Ambrosia, Dell

Dave Chalupsky, Intel

Arlon Martin, Kotura

Mike Dudek, QLogic

ED Cady, Volex

Ken-Ichi, Suzuki

Akio Tajima, NEC

Tom Issenhuff, Microsoft

Chris Cole, Finisar

Mike Bennett, LBNL

Masashi Kono, Hitachi

Yasuaki Kawatsu, Hitachi Cable

Hideki Isono, Fujitsu Optical Components

Toshiki Tanaka, Fujitsu

Tom McDermott, Fujitsu

Alexander Umnov, Huawei Technologies

Ilango Ganga, Intel

Kai Cui, Huawei

Mike Li, Altera

Andre Szczepanek, Inphi

Arthur Marris, Cadence

Zhengu Liu, Marvell

Eric Hall Aurrion

Daniel Sparacin, Aurrion

Peter Wu, Marvell

Winston Way, NeoPhotonics

Xi Huang, Huawei

Ghani Abbas, Ericsson

Ted Sprague, Infinera

Brian Holden, Kandou

Peter Stassar, Huawei

Ralf-Peter Braun, Deutsche Telekom
Scott Irwin, MoSys
Scott Kipp, Brocade
Ed Ulrichs, Source Photonics
Karl Muth, Texas Instruments
Modesto Garcia, Texas Instruments
Max Robertson, Texas Instruments
Simore Ezba, ST Microelectronics
Stefano Valle, ST Microelectronics
Kumar Kerhawan, Cadence
Sharon Lutz, US Conec
Gary Nicholl, Cisco
Mark Gustlin, Xilinx
David Ofelt, Juniper
Jeff Maki, Juniper
Yasuo Hidako, Fujitsu
Jon Anderson, Oclaro
Rick Rabinovich, Alcatel-Lucent
Arash Farhood, Cortina
Susumu Nishihara, NTT
Pete Cibula, Intel
Vipul Bhatt, Cisco
Bill Szeto, Xtera
Wenbin Jiang, Cosemi
Song Shang, Semtech
Vineet Salunke, Cisco
Keith Kosanovich, Leviton
Beth Kochuparambil, Cisco
David Law, HP
Ed Nakamoto, Spirent
Tom McBeath, Spirent
Maarten Vissers, Huawei
Bob Wagner, Panduit
Vittal Balasubramanian, Brocade
Andy Zambell, FCI
John McDonough, NEC
Jun Tanaka, Fujitsu
Katsihisa, Tawa, Sumitomo
Jim Goell, nPP
Brian Teipen, ADVA Optical
Jim Theodoras, ADVA Optical
Nathan Tracy, TE Connectivity