Attendance:

Mr. Mark Lettang	3M
Mr. Paul von Stamwitz	AMCC
Mr. Douglas Wagner	FCI
Mr. Elwood Parsons	Foxconn Electronics
Mr. Mike Fitzpatrick	Fujitsu
Mr. Barry Olawsky	Hewlett Packard Co.
Mr. Rob Elliott	Hewlett Packard Co.
Mr. Dan Colegrove	Hitachi Global Storage Tech.
Mr. Harvey Newman	Infineon Technologies
Dr. Mark Seidel	Intel Corp.
Mr. Michael Jenkins	LSI Corp.
Mr. Ken Paist	LSI Corp.
Mr. M. S. Mobin	LSI Corp.
Mr. Kevin Witt	Maxim Semiconductor
Mr. Jay Neer	Molex Inc.
Mr. Guillaume Fortin	PMC-Sierra
Mr. Gourgen Oganessyan	Quellan
Mr. Edward Chang	Samsung
Mr. Alvin Cox	Seagate Technology
Mr. Daniel Smith	Seagate Technology
Mr. Benoit Mercier	STMicroelectonics
Mr. Bent Hessen-Schmidt	Synthesys Research, Inc.
Mr. Michael Fogg	TycoElectronics
Mr. Dan Gorenc	TycoElectronics
Mr. Scott Shuey	TycoElectronics
Mr. Larry McMillan	WDC

26 in attendance

Agenda:
1. 08-328 SAS 2.0 miniSAS 4x key dimensions [Neer]
http://www.t10.org/ftp/t10/document.08/08-328r0.pdf

So far there have been no negative comments regarding the key dimensions. Jay, representing Molex, stated that the licensing agreement for SAS 1.1 applies to this new configuration. In other words, if you have obtained licensing from Molex on the mini SAS 4x connector documented in SAS 1.1, this new key configuration will be included in that agreement at no extra charge. Contact Jay if you need further clarification.

Documentation of this configuration should be prepared for SAS 2.0 and SFF specifications.

2. Update on simulation tools.

StatEye comments need to be posted on the blog at the StatEye web site. The tool works for lossy channel characterization, transmitter characterization with the reference channel, but has some questionable results with short channels and with receiver testing. Anthony has not responded to various inquiries over the last several weeks, so support to complete development is under question.

08-345 SAS-2 RX Simulation Matlab Code (SASWDP) [Jenkins]
http://www.t10.org/ftp/t10/document.08/08-345r0.pdf

Based on the FCAL version, IP issues have been resolved (don't have details) and Mike has posted the code on the T10 site. Kevin Witt has repeated Mike's results with a couple of edits to the code. Rob and Kevin are running test cases. And will share results on the next call. Others are encouraged to do so also. The stressor is added at the end of the file. Looks like DFEeye except gives a dispersion penalty.

3. 08-052 Proposal for SAS 2.x Specification to Enable Support for Active Cables [Oganessyan] http://www.t10.org/ftp/t10/document.08/08-052r8.pdf

Minor editorial updates continue. Gourgen will work with Jay to make a presentation regarding keying to STA. It was the consensus of the call participants that reverse keying similar to the 10-meter cable would be a good approach for the 4x version of active cables.

4. New items.

Alvin shared information regarding the microSAS proposal from Tyco. Please review. This is available from the SFF ftp site as SFF-8486.

Next conference call: September 4, 2008

Toll Free Dial in Number: (877)810-9442
International Access/Caller Paid Dial In Number: (636)651-3190
PARTICIPANT CODE: 3243413

Webex information:
https://seagate.webex.com/seagate
Topic: SAS-2 PHY WG
Date: Thursday
Time: 10:00 am, Central Daylight Time (GMT -05:00, Chicago)
Meeting number: 826 515 680
Meeting password: 6gbpsSAS