Minutes of SAS PHY Working Group conference call September 23, 2008   T10/08-401r0

Attendance:

Mr. Paul von Stamwitz	AMCC
Mr. Mickey Felton	EMC
Mr. Elwood Parsons	Foxconn Electronics
Mr. Barry Olawsky	Hewlett Packard Co.
Mr. Rob Elliott	Hewlett Packard Co.
Mr. Dan Colegrove	Hitachi Global Storage Tech.
Mr. James Rockrohr	IBM Corp.
Mr. Harvey Newman	Independent
Mr. Michael Jenkins	LSI Corp.
Mr. George O. Penokie	LSI Corp.
Mr. M. S. Mobin	LSI Corp.
Mr. Ken Paist	LSI Corp.
Mr. Kevin Witt	Maxim Semiconductor
Mr. Galen Fromm	Molex Inc.
Mr. Guillaume Fortin	PMC-Sierra
Mr. Mathieu Gagnon	PMC-Sierra
Mr. Edward Chang	Samsung
Mr. Alvin Cox	Seagate Technology
Mr. Benoit Mercier	STMicroelectonics
Mr. Bent Hessen-Schmidt	Synthesys Research, Inc.
Mr. Sanjay Sethi	Toshiba
Mr. Michael Fogg	TycoElectronics
Mr. Dan Gorenc	TycoElectronics
Mr. Larry McMillan	WDC
Mr. Ramya Dissanayake	WDC
Mr. Bill Thompson	

26 in attendance

Agenda:
1. Termination model.

The model does not match the theoretical graph. A disclaimer will be added to the specification indicating that even though the model is not an exact match, it is a simple model that is a reasonable approximation suitable for simulations.

2. Reference Receiver Solutions for SAS-2 Compliance Testing (SASWDP) 08-330r2
http://www.t10.org/ftp/t10/document.08/08-330r2.pdf

Kevin Witt provided an update of simulations. See the link above. Still need more people to do simulations. Several connector companies offered cable samples to help in the model verification. This proposal now includes more information on transmitter testing as well as new correlation figures.

Mike Jenkins will not be available as the go-between for the SASWDP code updates. This is a definite concern, but should not be an issue.

Next conference call: October 2, 2008

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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