

Attendance:

Mr. Bernhard Laschinsky	Agere Systems
Mr. Bill Boyne	Amphenol
Mr. Kevin Marks	Dell, Inc.
Ms. Monica Li	Finisar
Mr. Barry Olawsky	Hewlett Packard Co.
Mr. James Rockrohr	IBM Corp.
Dr. Mark Seidel	Intel Corp.
Mr. Schelto van Doorn	Intel Corp.
Mr. Praveen Viraraghavan	LSI Logic Corp.
Mr. Mike Jenkins	LSI Logic Corp.
Mr. Gabriel Romero	LSI Logic Corp.
Mr. David Geddes	Marvell Semiconductor, Inc.
Mr. Wei Zhou	Marvell Semiconductor, Inc.
Mr. Helen Lui	Maxim
Mr. Galen Fromm	Molex
Mr. Hock Seow	NEC Electronics America, Inc
Mr. Amr Wassal	PMC-Sierra
Mr. Alvin Cox	Seagate Technology
Mr. Stephen Finch	STMicroelectronics
Mr. Benoit Mercier	STMicroelectronics
Mr. Doug Loree	Toshiba
Mr. Kevin Witt	Vitesse Semiconductor
Mr. Larry McMillan	WDC

23 in attendance

Agenda:

Reference proposals:

Historical:

<http://www.t10.org/ftp/t10/document.06/06-053r0.pdf>

Recent:

<http://www.t10.org/ftp/t10/document.06/06-419r1.pdf>

The definition of how de-emphasis is measured for the simulations is for use only in this proposal and does not indicate a standard measurement method.

Maximum rise time needs to be no greater than .41 UI and the minimum rise time needs to be smaller.

Differential impedance requirement has been dropped.

Reference receiver:

Need a minimum resistance for a reference receiver.

Transmitter at maximum impedance and receiver at minimum provides the worst case for simulations.

Taps should be defined as "same sign taps". Kevin to plot coefficients to see the sign.

Maybe 2 taps instead of 3 based on Mike Jenkins' previous posting:

<http://www.t10.org/ftp/t10/document.06/06-049r1.pdf>

We also need to look at the 10-meter external cable requirement. Galen and Barry will prepare a proposal.

There will be no conference call on October 5.

Next conference call September 28, 2006

Agenda:

SAS-2 Modifications to the SAS Speed Negotiation 06-324

PARTICIPANT INFORMATION:

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<https://seagate.webex.com/seagate>

Topic: SAS-2 PHY WG

Date: Thursday, Sept 28, 2006

Time: 10:00 am, Central Daylight Time (GMT -05:00, Chicago)

Meeting number: 826 515 680

Meeting password: 6gbpsSAS