Minutes of SAS PHY Working Group teleconference Sept 28, 2006 T10/06-448r0

Attendance:

Mr. Bernhard Laschinsky	Agere Systems
Mr. Jesse Jaramillo	Amphenol
Mr. Mickey Felton	EMC
Mr. Jason Richards	EMC
Ms. Monica Li	Finisar
Mr. Dan Colegrove	HGST
Mr. James Rockrohr	IBM Corp.
Mr. Harvey Newman	Infineon Technologies
Dr. Mark Seidel	Intel Corp.
Mr. Pankaj Kumar	Intel Corp.
Mr. Schelto van Doorn	Intel Corp.
Mr. Praveen Viraraghavan	LSI Logic Corp.
Mr. John Lohmeyer	LSI Logic Corp.
Mr. Brian Day	LSI Logic Corp.
Mr. Dan Leak	LSI Logic Corp.
Mr. Paul Wassenberg	Marvell
Mr. Helen Lui	Maxim
Mr. Amr Wassal	PMC-Sierra
Mr. Tim Symons	PMC-Sierra
Mr. Henry Wong	PMC-Sierra
Mr. Rick Hernandez	PMC-Sierra
Mr. Alvin Cox	Seagate Technology
Mr. Stephen Finch	STMicroelectronics
Mr. Benoit Mercier	STMicroelectronics
Mr. Adrian Peterson	Vitesse Semiconductor
Mr. Larry McMillan	WDC

26 in attendance

Agenda:
http://www.t10.org/ftp/t10/document.06/06-324r3.pdf

SNW 3 PHY reset issue if device has the problem. Does it wait for the initiator device to time out after all sequences are worked down? Should the device send a COMINIT to flag the error and wait for a response to start from the host? After discussion, it was determined that the device is allowed to issue a COMINIT since this is during the first initialization sequence. It was determined that SNW3 does have three possible states: valid, invalid, and PHY Reset condition.

Is there a maximum +1 SNW window requirement still in the text?

Define TRAIN and TRAIN_DONE primitives in this document based on the descriptions from 05-397. (Harvey agreed.)

In general, there were several editorial issues resolved as well as areas identified to fix. Steve will update. It was also noted that the state machine section has not been updated and there are possible inconsistencies there that need to be addressed.

The conference call reviewed through page 8. It is anticipated that two more calls will be required to complete the document. I want to leave ½ hour on the next calls to address open and new items. We should consider PHY specification items that have an impact on EMI as well as I expect an initial input regarding the 10-meter external multilane cable specification.

There will be no conference call on October 5.

Next conference call October 12, 2006

Agenda:
1. 06-324
2. 10-meter cable specification
3. New items

PARTICIPANT INFORMATION:

Toll Free Dial in Number: (866) 279-4742
International Access/Caller Paid Dial In Number: (309) 229-0118

PARTICIPANT CODE: 3243413

Webex information:
https://seagate.webex.com/seagate

Topic: SAS-2 PHY WG
Date: Thursday, Oct 12, 2006
Time: 10:00 am, Central Daylight Time (GMT -05:00, Chicago)
Meeting number: 826 515 680
Meeting password: 6gbpsSAS