

Attendees:

James A. Lott, Jr.	Dallas Semiconductor
Titkwan Hui	Dallas Semiconductor
Bill Ham	Hewlett Packard
Barry Olawsky	Hewlett Packard
Zane Daggett	Hitachi Cable Manchester
Russ Brown	Maxtor Corp.
Jay Neer	Molex Inc
Larrie Carr	PMC-Sierra, Inc.
Henry Kuo	QLogic Corp.
Alvin Cox	Seagate Technology
Allen Kramer	Seagate Technology
Vit Novak	Sun Microsystems, Inc.
Robert Kando	Texas Instruments
Michael Wamsley	Tyco Electronics
Phil Shelton	Unisys Corporation

15 People present for all or part of the meeting.

The meeting was opened at 1:35, Monday March 10, 2003

Agenda:

1. Dual port internal cable
2. External cable performance review
3. Page by page review of rev e chapter 5

1. Dual port internal cable

The dual port internal cable definition proposal was accepted by the working group. Alvin Cox provided figure updates and text changes to reflect the addition. Updates were reviewed and given to Rob Elliott (via John Lohmeyer) to be included in the next update of the SAS specification.

2. External cable performance

Madison cable provided some information regarding cable performance and tests conducted. Hitachi cable also was present and presented additional input. The end result of the review was a revision to wording in section 5.3.2 to allow precompensation, but to indicate passive cabling for external cable up to 8 meters in length. Update given to Rob Elliott.

3. Page by page review of chapter 5

Very few minor updates were made to the document. The most significant was defining crosstalk in table 41. Updates given to Rob Elliott. Larrie Carr commented that CJTPAT might not be sufficient to completely test in section 5.3.3.2. Without actual units to test, this cannot be verified. As discussed during the meeting, due to disparity and scrambling, only half of the payload is the test pattern and the remainder will be "random" data. With this mix, the pattern may be sufficient.

The meeting closed at 11:55 am Tuesday, March 11, 2003.

There are no additional SAS PHY meetings scheduled at this time.

Alvin Cox
Seagate Technology, LLC