

Attendance:

Mr. Mark Lettang	3M
Mr. Paul von Stamwitz	AMCC
Mr. Mickey Felton	EMC
Mr. Mike Fitzpatrick	Fujitsu
Mr. Barry Olawsky	Hewlett Packard Co.
Mr. Dan Colegrove	Hitachi Global Storage Tech.
Dr. Mark Seidel	Intel Corp.
Mr. Andy Chen	Marvell Semiconductor, Inc.
Mr. Kevin Witt	Maxim Semiconductor
Mr. Mahbubul Bari	Maxim Semiconductor
Mr. Galen Fromm	Molex Inc.
Mr. Jay Neer	Molex Inc.
Mr. Hock Seow	NEC Electronics America, Inc
Mr. Guillaume Fortin	PMC-Sierra
Mr. Joseph Chen	Samsung
Mr. Edward Chang	Samsung
Mr. Alvin Cox	Seagate Technology
Mr. Bruce Johnson	Seagate Technology
Mr. Michael Fogg	TycoElectronics
Mr. Larry McMillan	WDC
Mr. Ramya Dissanayake	WDC

21 in attendance

Agenda:

1. Letter ballot comment resolution status [Elliott]

Areas still needing resolution include the long cable keying and physical receiver testing. We need to concentrate our efforts to complete updates in these areas as quickly as possible.

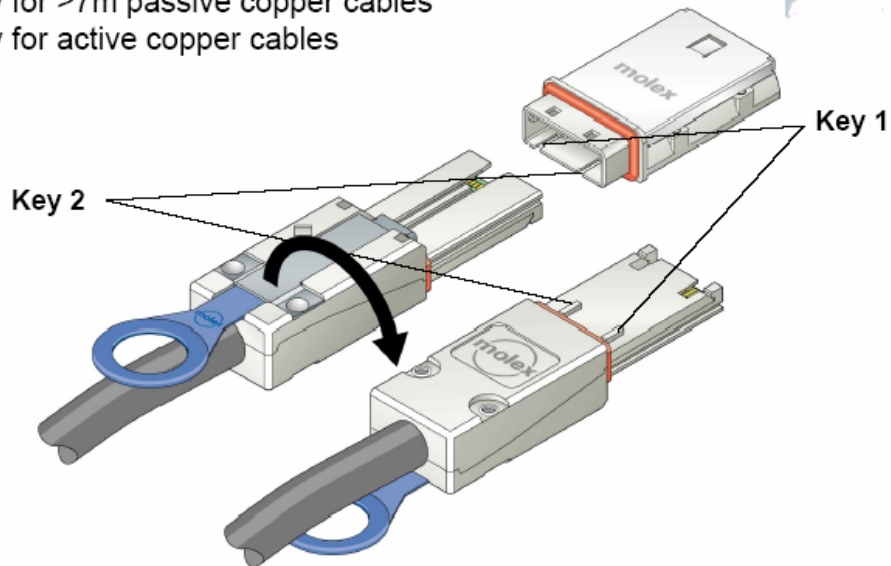
2. External mini-SAS Cable keying

Discussed the proposed reverse keying by Molex. Looks like a reasonable solution to physically keep long cables out of SAS 1.1 applications while allowing SAS 1.1 cables to plug into SAS 2.0 applications. Jay will work on preparing updates to the SFF drawings and Alvin will contact others concerning the specification updates so that a solution can be documented prior to the July meeting. The reverse keying is shown below. Alvin also needs to find out if the markings on current cables was determined by STA or within the specification group.

## Reverse Keying Proposal for SAS



- 1 key for >7m passive copper cables
- 1 key for active copper cables



### 3. Update for 08-187 [Olawsky]

Barry will post update showing changes to specification as agreed to in the March San Jose meeting. Editors will work out the details of the added s-parameter graph as whether to have two similar sections or one general version.

### 4. Update on receiver testing. [Witt, Newman]

Still having issues with the StatEye implementation. Anthony now appears to be available to resolve the remaining issues. Resource allocation for completion of specification updates prior to the July meeting are a concern.

Comments on reverse JTF? <http://www.t10.org/ftp/t10/document.08/08-248r0.pdf>

Bent had posted comments to the T10 reflector. Guillaume will respond. No other comments yet.

### 5. New items.

Mark Seidel voiced a concern over the transmitter common mode voltage limit. A proposal will be posted to describe the issue. Reflector traffic is strongly encouraged.

### **Next conference call: June 26, 2008**

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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