Minutes SAS 1.1 PHY working group conference call July 29, 2004

Paul von Stamwitz (AMCC)
Jim Lott (Dallas Semiconductor)
Kevin Marks (Dell)
Barry Olawsky (HP)
George Penokie (IBM)
Mark Seidel (Intel)
Bill Lye (PMC-Sierra)
Alvin Cox (Seagate)
David Springberg (Vitesse)
Bill Gintz (Zues)

10 people present.

Discussion:

1. 03-240r4      SAS-1.1 Internal wide connector and cable   Rob Elliott
Rob not on call.

2. 04-195r2      SAS-1.1 Internal Wide Connector/Cable Electrical Requirements   Barry Olawsky
Reviewed note change concerning TDR rise time. Still need work in this area. Suggested that the table entry description remain the same and that the note cover filtering and loss considerations per device being tested. Barry will review SFF-8410 and MJSQ concerning note text. Bill Gintz will look for other industry references.

70ps rise time proposed to be 70ps max.

Reviewed updated cable characteristic charts. Cable does have greater loss than the compliance channel at low frequencies. This area needs to be dealt with, but loss is considered low enough that it does not impact performance. Barry will discuss with Mike Jenkins.

3. Impact to SAS 1.1 PHY to include SATA at 3 Gbps.  Andrew Cable
Andrew not on call.

4. New items

None.

5. Schedule

Next call:
Date: Thursday, August 12, 2004
Time: 10:00 am, Central Daylight Time (GMT -05:00, Chicago)
All Participants should use the following information to reach the conference call:
Toll Free Dial in Number:  (866) 279-4742
International Access/Caller Paid Dial In Number:  (309) 229-0118
PARTICIPANT CODE:  3243413

WEBEX information: