

Attendance:

Henry Wong (Agilent)
Paul von Stamwitz (AMCC)
Kevin Marks (Dell)
Barry Olawsky (HP)
George Penokie (IBM)
Andrew Cable (Intel)
Alvin Cox (Seagate)
Jim Lott (Dallas Semiconductor)
David Springberg (Vitesse)
Bill Gintz (Zues)

10 people present.

Discussion:

1. Review proposal for OOB @ 1,5G only

George to update 177 to rev 2 to close interoperability hole caused by "should" in the receiver description. Other editorial comments will stay in the new revision. End result should have no technical changes from the existing revision of SAS 1.1

Review had no additional comments. Will review at July T10 WG meeting to forward to plenary.

04-128 will be withdrawn. Existing product identified that does not transmit OOB at 1.5Gbps only.

<http://www.t10.org/ftp/t10/document.04/04-177r2.pdf>

2. 04-150 TCTF update proposal

No additional comments from IBM. Discovered another 1,5 to 3,0 change required during the discussion. Alvin's update to rev 2 correcting this additional item:

<ftp://ftp.t10.org/t10/document.04/04-150r2.pdf>

3. 4x internal electrical performance characteristics [Olawsky]

Barry Olawsky to posted background information document.

04-182r0 posted. <http://www.t10.org/ftp/t10/document.04/04-182r0.pdf>

Table and associated notes:

04-195r0 SAS-1.1 Internal Wide Connector/Cable Electrical Requirements

<http://www.t10.org/ftp/t10/document.04/04-195r0.pdf>

Reviewed table and similarity to SATA regarding frequency range. Note needed clarification on lower frequency and editorial correction on last note. Need to review location in specification and title change to that section. Barry will post a new revision with these minor changes.

4. New items.

Serial ATA PHY specification for 3Gbps should be available from the Serial ATA web site by July 2, 2004. This document will be used for information regarding impact to SAS 1.1 PHY to include SATA at 3 Gbps.

5. PHY WG agenda for July T10 meeting

Tuesday 7/13/04 9:00 am

<http://www.t10.org/ftp/t10/announce/ann-m062.pdf>

Proposed agenda:

04-177 / 04-128 (OOB)

04-150 (TCTF)

04-195 (Internal 4x cable)

External cable electrical requirements.

Impact of SATA Gen2 on SAS 1.1 PHY section.

Possible consolidations within tables.

New items