Attendance:

Mr. Tim Symons	Adaptec, Inc.
Mr. Kevin Marks	Dell, Inc.
Mr. Rob Elliott	Hewlett Packard Co.
Mr. Barry Olawsky	Hewlett Packard Co.
Mr. Bill Bissonette	Intel Corporation
Mr. John Lohmeyer	LSI Logic
Mr. Mike Jenkins	LSI Logic
Mr. Bill Lye	PMC-Sierra
Mr. Alvin Cox	Seagate Technology
Mr. Allen Kramer	Seagate Technology
Mr. Kalev Sepp	Tektronics
Bill Gintz	Zues

12 People Present

Agenda:

04-337 SAS-1.1 TCTF Editorial Changes
http://www.t10.org/ftp/t10/document.04/04-337r1.pdf

Slight editorial update required on sentence describing XT. Barry will make this correction and post a new revision. Reviewed discussion at face-to-face and decided the current proposal with minor editorial indicated should be accepted at the January meeting.

04-222   SAS-1.1 More phy test patterns
http://www.t10.org/ftp/t10/document.04/04-222r2.pdf

Possibility that the dword addition may need to be a SAS 2 proposal rather than SAS 1.1. This has not been decided yet. Concern over patterns that are not found during normal operation, k locations, etc. Rob shared test patterns described by other serial specifications and what would be required to support such patterns. Not enough participants who voiced original complaints on call to make any determinations. For media characterization, limited dword options was considered to restrictive.

04-370   SAS-1.1 Merge IT and IR with XT and XR (r1?)
http://www.t10.org/ftp/t10/document.04/04-370r0.pdf

Discussed the figures indicating the location of compliance points and the vender specific references. Decided that text should be added to clarify what is meant by compliance points and by vender specific locations. The figures may need to be more generic to indicate unit under test rather than specific hardware names. Update expected prior to next call.

04-375   SAS 1.1, Phy hot plug and transients on SAS and SAS/SATA environments
http://www.t10.org/ftp/t10/document.04/04-375r0.pdf

Need to review SATA transient definition.

New items

Connector pictures to be added by Rob Elliott with a new proposal.

Rob had a question concerning Appendix A highlighted bit patterns with respect to text indications of phase shift areas. Alvin to look at original proposal to see if the highlighting changed. Participants agreed that highlighting should be expanded rather than dropping the text and highlights. Since the call, Alvin has verified the original document did not highlight the entire string indicated by the text and recommended that Rob increase the highlighting to match the text.

Alvin will provide a draft proposal for the 4x external cable electrical requirements.

Next call: December 2, 2004
Thursday, 10 am CST.
Same webex and call number for all calls:

Webex:
seagate.webex.com (no www)
Meeting number: 825549498
Meeting password: section5

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