Attendance:

Richard McMillan	Adaptec
Lafe Moon	Data Transit
Barry Olawsky	HP
Robert Elliott	HP
Lou Fasano	IBM
George Penokie	IBM
Andrew Cable	Intel
Mike Jenkins	LSIL
Russ Brown	Maxtor
Alvin Cox	Seagate
Al Kramer	Seagate

11 people in attendance.

Agenda:

1. READY LED characteristic (Cox)

ftp://ftp.t10.org/t10/document.02/02-446r1.pdf

Voted to approve this proposal and include in the SAS specification:
4 Yes, 0 No, 2 Abstain

2. CJTPAT definition and annex

ftp://ftp.t10.org/t10/document.02/02-390r1.pdf

Several additional editorial changes will be made as described during the call. The most significant are to drop reference to Fibre Channel and split the annex into two sections, the first part being normative and the second part (table 4) being informative.

Voted to approve this proposal with described updates and include in the SAS specification:
8 Yes, 0 No, 0 Abstain

3. Test loads (Cox)

ftp://ftp.t10.org/t10/document.02/02-379r2.pdf

The rest of the call was used to discuss this topic. Resolution will be completed 11/4-11/5.

Unanimous approval by the PHY group to combine Xr/Xt and Ir/It as Xr/Xt and convert Dr/Dt to Ir/It name for internal connector interoperability points. This will avoid the confusion of Dr/Dt as the drive connector rather than the internal connector. Also determined that the zero-length test load would make a suitable system level test load at the

target connection to verify the system meets internal receive requirements. Reference should be added in the appropriate subsections of 5.3 and 5.4.

4. Common mode specification (Brown)

ftp://ftp.t10.org/t10/document.02/02-349r2.pdf

Carryover for face-to-face.

5. Skew specifications in transmit and receive tables.

Values are not reasonable based on other specifications. Realistic values needed.

Carryover for face-to-face.

6. Eye mask figure review (Kramer/Cox)

Allen Kramer to review eye mask figures. Suggest that the normalized figure be removed as well references to Y1 and Y2. Y1 and Y2 values should be deleted from tables. Compliance channel testing will remain the primary test methodology for SAS. Update section 5.7 at the face-to-face to reflect these changes.

Carryover for face-to-face.

7. New business

8. Meeting schedule:

Face-to-face at next T10 meeting.

9. Meeting adjourned at 4:20pm CST, October 31, 2002.

Proposals voted on for inclusion in the SAS specification:

02-353r1 Unanimous approval 9/23/02 (r0 with updates per call)
02-354r1 Unanimous approval 9/23/02 (r0 with updates per call)
02-391r1 Unanimous approval 10/3/02
02-~~466r1~~ 446r1 4 Yes, 0 No, 2 Abstain 10/31/02
02-~~390r2~~ 390r3 8 Yes, 0 No, 0 Abstain 10/31/02 (r1 with updates per call)

Other items:
02-410r0 Unanimous decision 10/14/02 to drop references and definition of "loss of signal".
02-468r1 Unanimous approval 10/31/02 to combine Xr/Xt and Ir/It as Xr/Xt and convert Dr/Dt to Ir/It name for internal connector interoperability points.