Meeting was called to order at 2:07 pm CDT, Monday, June 24

Attendees:

Richard McMillan  Adaptec, Inc.
Ken Paist  Agere Systems
John Loffink  Dell Computer Corp.
Barry Olawsky  HP
Clay Cranford
Lou Fasano  IBM
Wes Ficken  IBM
Sam Ray  IBM
Andrew Cable  Intel Corp.
Mark Seidel  Intel Corp.
Russ Brown  Maxtor Corp.
Alvin Cox  Seagate
Mike Wamsley  Tyco Electronics

13 people present.

1. OOB levels
   Define maximum levels
   Evaluate minimum levels and window

   Guarantee on for 240mV eye opening
   Guarantee off for 120mV P-P signal
   Notes:
   Worst-case signals are trapezoidal.
   240 mV level is based on 2x ratio to minimum level.

   Unanimous vote to accept the new definitions and that these values be submitted for recommended revision to the specification.

2. Review Table 19 input from Maxtor.

   Excess differential input capacitance specification issue:
   Make reference to the time number instead of capacitance. Initial capacitance values were too low.
   Russ to update original note F and revise Table 18 to time values. Post new revision on T10 site.
   Other changes accepted. Time intervals to represent capacitance are listed below.

   1.5 Gbps  150 ps max
   3.0 Gbps  100 ps max

   The latest update to the SAS OOB timing proposal, 02-198r3, has been posted to http://www.t10.org/new.htm.
   In addition to the timing changes, it changes D10.2 to ALIGN and ALIGN to ALIGN(1) in the speed negotiation sequence.


5. Andrew Cable to submit comments for discussion on hot plug issues. Status?
   Presentation to be posted on T10 that was presented during the call.

6. Jenkins to develop test load model proposal: Enhancement to define a compliant interconnect by which transmitter compliance can be tested to assure receiver parameters. Status?
   Discuss next call. Initial draft completed and to be posted on T10. It was too large for the reflector.

   Draft of information in PHY specifications that are informative rather than specification.
   Additional informative topics concerning implementation/performance?

8. New Business
   Loop lock time. (Brown) To be discussed on next call.
Schedule:

Next conference call:

Start Date/Time: 07/08/02 MON 02:00 PM CDT
End Date/Time: 07/08/02 MON 04:00 PM CDT

PARTICIPANT INFORMATION:
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All Participants should use the following information to reach the conference call:
PARTICIPANT CODE: 724085
Toll Free Dial In Number: (888)422-7128

WebEx information:
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MEETING SUMMARY
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Name: SAS PHY WG
Date: 7/8/2002
Time: 1:45PM, (GMT -05:00) Central Time, USA & Canada (DayLight Time)
Meeting Number: 281652669
Meeting Password: SASphy

T10 Face-to-face July

Monday-Tuesday, July 15-16, 2002 commencing at 1:00 p.m. on Monday and ending at 5:00 pm on Tuesday
in Colorado Springs, CO at the Wyndham Colorado Springs Hotel (719-260-1800).

The meeting notice (with a link to make reservations on-line) is available at:
  http://www.t10.org/ftp/t10/announce/ann-m050.pdf

The meeting was adjourned at 4:52 pm CDT, Monday, June 24.