

Minutes: SAS PHY conference call, July 29, 2002

The meeting was called to order at 2:05 pm, Monday, July 29, 2002

The following were in attendance for all or part of the meeting:

Bernhard Laschinsky	Agere Systems
John Loffink	Dell
Barry Olawsky	HP
Mike Jenkins	LSI Logic
John Lohmeyer	LSI Logic
Russ Brown	Maxtor
Alvin Cox	Seagate
Allen Kramer	Seagate

8 people present.

Agenda:

1. Test load - Continue discussion, need zero length figures (Kramer).

Conducted a short discussion on status. Figures supplied to Cox by Kramer need to be updated. Jenkins will report the status of the FCAL version in mid-August. Relationships of transmit and receive compliance points may provide options for use of tables. Alvin Cox to review with Mike Jenkins concerning exact wording of tables and possible impact of compliance test load to test requirements (carryover).

2. Common mode shift oxide stress - Intel update, additional considerations by others, PSCSI and FCAL experience/differentiation.

Concern mentioned by Brown due to optional transmitter AC coupling. Item is for carryover.

3. Test patterns.

Test patterns are for compliance testing. FCAL patterns do not have scrambling applied. Since scrambling is reset on every frame, decoding to determine equivalent patterns to FCAL should not be too difficult. Need to involve Jim Coomes for scrambling definition as a check. Brown/Kramer/Laschinsky to define patterns.

4. LED driver characteristics.

Healthy discussion on how to implement the LED driver. What is done here may have a far-reaching influence (future standards). Still a goal for 3.3V compliance (3.6V maximum applied voltage). Now looking at defining a current sink rather than a switch to GROUND. Possible current selections of 20mA, 10mA (suggested default), 5mA, or disabled via mode page selection. Lohmeyer to discuss during Protocol teleconference 7/30. Brown to post characteristic proposal on T10 reflector.

5. New business.

HP concerns regarding OOB timing (RCD interval). Will discuss next call.

Schedule:

08/12/02 TELECONFERENCE INFORMATION:

- \* Start Date/Time: 08/12/02 MON 02:00 PM CDT
- \* End Date/Time: 08/12/02 MON 04:00 PM CDT

PARTICIPANT CODE: 441949

- \* Toll Free Dial in Number: (877)214-6371
- \* International Access/Caller Paid Dial In Number: (504)588-9086

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Name: SAS PHY WG

Date: 8/12/2002

Time: 1:45PM, (GMT -05:00) Central Time, USA & Canada (DayLight Time)

Meeting Number: 281981011

Meeting Password: OOBagain

**Agenda:**

- LED driver.**
- OOB (RCD).**
- Test Patterns.**
- Test loads.**
- Common mode shift oxide stress.**
- New business.**

The meeting was adjourned at 3:35 pm CDT, Monday, July 29, 2002