

## Attendance:

Mr. Charles Hill	Alta Engineering
Mr. Paul von Stamwitz	AMCC
Mr. Jeremy Flake	ATL Technology
Mr. Ramez Rizk	Emulex
Mr. Mike Fitzpatrick	Fujitsu
Mr. James Rockrohr	IBM Corp.
Mr. Harvey Newman	Infineon Technologies
Mr. Michael Jenkins	LSI Corp.
Mr. Gabriel Romero	LSI Corp.
Mr. Jacky Chow	Marvell Semiconductor, Inc.
Mr. Galen Fromm	Molex Inc.
Mr. Rick Hernandez	PMC-Sierra
Mr. Guillaume Fortin	PMC-Sierra
Mr. Yuming Tao	PMC-Sierra
Mr. Alvin Cox	Seagate Technology
Mr. Allen Kramer	Seagate Technology
Mr. Benoit Mercier	STMicroelectronics
Mr. Doug Loree	Toshiba
Mr. Scott Shuey	TycoElectronics
Mr. Mahbubul Bari	Vitesse Semiconductor
Mr. Larry McMillan	WDC
Mr. Ramya Dissanayake	WDC

22 in attendance

## Agenda:

Review of action items from face-to-face

1. Updated 07-339 per meeting input [Cox]  
<http://www.t10.org/ftp/t10/document.07/07-339r3.pdf>

Table 63 should express S as the slope in dB/decade. The figure should also illustrate what S is. Alvin will check for the source figure to add the S definition and update the tables. Is the applied sinusoidal jitter correct?

2. Test illustrations/descriptions [Cox, Felton]

Mickey to have an update 8/30.

3. Receiver test delivered signal [Newman, Hessen-Schmidt, Witt, Jenkins]

This delivered signal to IR/CR should include the items needed for budget that are shown in 07-333r1. We discussed 07-333r1 and had questions regarding where some of the values came from. Incorporation of this proposal may not be necessary if the delivered signal definition is adequate to cover the budgeted items. It was also brought up that there is IP involved with this proposal and that the availability of it has not been completely worked out.

4. Cable specification update [Olawsky, Fromm, Jenkins]

Galen to post the Molex mini SAS 10-meter cable assembly near-end isolation.

<http://www.t10.org/ftp/t10/document.07/07-376r0.s4p>

5. Common mode voltage limit [Jenkins + anyone who can help]

6. StatEye updates [Newman]

7. Appendix material for JTF tuning [Cox]

See posting by Chuck Hill. Please review for discussion.

Should the material be posted as a proposal to add to the appendix?

How does the 6G setting frequency affect testing at 1.5G and 3G that are also using the JTF methodology?

Chuck will forward the source document to Alvin for posting as a proposal. The formulas are given to change for data speeds other than 6Gbps.

Values may need to be increased to cover the case of +/- 2400 ppm SSC.

What is the impact of shifting away from  $f/1667$  at 3G? This has been raised by about a factor of 3.

Next call:

August 30, 2007

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PARTICIPANT CODE: 3243413

Webex information:

<https://seagate.webex.com/seagate>

Topic: SAS-2 PHY WG

Date: Thursday

Time: 10:00 am, Central Daylight Time (GMT -05:00, Chicago)

Meeting number: 826 515 680

Meeting password: 6gbpsSAS