

## Attendance:

Mr. Paul von Stamwitz	AMCC
Mr. Jesse Jaramillo	Amphenol
Mr. Mickey Felton	EMC
Mr. Mike Fitzpatrick	Fujitsu
Mr. Rob Elliott	Hewlett Packard Co.
Mr. Dan Colegrove	Hitachi Global Storage Tech.
Mr. James Rockrohr	IBM Corp.
Dr. Mark Seidel	Intel Corp.
Mr. Gabriel Romero	LSI Corp.
Mr. Bernhard Laschinsky	LSI Corp.
Mr. Kevin Witt	Maxim Semiconductor
Mr. Mahbubul Bari	Maxim Semiconductor
Mr. Galen Fromm	Molex Inc.
Mr. Hock Seow	NEC Electronics America, Inc
Mr. Guillaume Fortin	PMC-Sierra
Mr. Yuming Tao	PMC-Sierra
Mr. Tim Symons	PMC-Sierra
Mr. Joseph Chen	Samsung
Mr. Edward Chang	Samsung
Mr. Alvin Cox	Seagate Technology
Mr. Benoit Mercier	STMicroelectronics
Mr. Bent Hessen-Schmidt	Synthesys Research, Inc.
Mr. Doug Loree	Toshiba
Mr. Larry McMillan	WDC

24 in attendance

## Agenda:

## 1. Proposed Cable Tables for SAS2 6Gbs Phy [McSorley]

<http://www.t10.org/ftp/t10/document.07/07-471r0.pdf>

No update this call. Asks Galen Fromm to help with review and possible update suggestions for 07-471.

## 2. Description of SSC profile allowed discontinuities. [Hernandez, Fortin]

<http://www.t10.org/ftp/t10/document.08/08-027r2.pdf>

Discussed at length the jitter budget, math behind the residual SSC jitter after JTF, and whether limit values should be normative or informative. Rev 3 along with a separate proposal in a format updating the specification text will be posted.

## 3. SAS-2 Interconnect Signal-to-Noise Ratio Study [Olawsky]

<http://www.t10.org/ftp/t10/document.07/07-484r0.pdf>

Not discussed since Barry was not present.

## 4. SAS-2 Receiver Device Physical Testing [Witt, Bari]

<http://www.t10.org/ftp/t10/document.07/07-486r1.pdf>

Some preliminary data was available but not shared due to time constraints and the data not being ready for "prime time".

## 5. Refine/provide status on simulation technology. [Jenkins, Newman]

Refer to Mike Jenkins posting to the T10 reflector with reference to T11 activity. No other discussion due to lack of time.

6. SAS-2: Remove restrictions for SSC [Houlder, Cox]  
<http://www.t10.org/ftp/t10/document.08/08-014r2.pdf>

Reviewed proposal and made minor editorial changes. Update posted at the link above. Although this text discusses an implementation-specific behavior, it is considered necessary as the subtleties in the specification that allow it do not make the impact of the implementation readily apparent.

7. SAS-2 6Gbps PHY specification [Cox]  
<http://www.t10.org/ftp/t10/document.07/07-339r7.pdf>

Cross reference updates included on pages 19, 20, 23, 24, and 31. Page 31 includes a change that separates 6G from 1.5G and 3G with reference to applied sinusoidal jitter and common mode voltage since these tolerance levels are specified differently manner for 6G receivers. Alvin will add additional text to the JTF section regarding variation with signal transition density and clarification of the multiplication factors for RJ in the 6G transmitter device table.

Next conference call:  
January 3, 2008

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Webex information:  
<https://seagate.webex.com/seagate>  
Topic: SAS-2 PHY WG  
Date: Thursday  
Time: 10:00 am, Central Standard Time (GMT -06:00, Chicago)  
Meeting number: 826 515 680  
Meeting password: 6gbpsSAS