

STA -T10 Liaison Report

Jan. 20, 2005

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Plugfest Update

- Next plugfest will be the week of April 25th at UNH
 - Updated NDA will be on STA website soon
 - Focused on large system build
- UNH SAS consortium
 - Provides additional testing capability beyond plugfest
 - Especially PHY area for backplanes,etc

6 Gb/sec Update

- Desired 6Gb feature set starting to take shape
 - HBAs and Expanders in the late '06-'07 timeframe
 - Driven by redesigns with PCI-Express Gen 2
 - Be careful not to “Osborne” 3Gb
 - Multiplexing
 - Allow disk drive to transition later
 - SATA community is targeting 6Gb production no earlier than '08
 - Not needed on SAS drives until after that timeframe
 - Use the same infrastructure as 3Gb
 - Backplanes, cable lengths, connectors, etc
 - Would like to see the High Density x4 connector currently under discussion in SAS 1.1
- SATA –SAS compatibility
 - Exploring ways to coordinate with SATA-IO