

SCSI Harbor Status



B. Sun

sgi

3/9/2000



Status Summary

- 15x backplane (1" drives) received
- Rotational Vibration testing underway
- Thermal testing near completion
- Fujitsu testing - mid April (Japan, M. Suwa)



Backplane Status

- 15 drive backplane
 - Files sent to Molex 1/20/00
 - backplanes received 3/8/00
- 10 drive backplane
 - PCAs received 11/4/99



Schedule

- Testing (round 1)
 - 1.6” results 3/9/00
 - Optimized design (separate presentation)
- Design
 - Design review 3/9/00 (separate presentation)
 - Tape out rev2, 3/29/00
 - Receive prototypes, 5/1/00, begin testing



Testing

- Rotational Vibration Testing (separate presentation)
 - Optimal spring force at RV clip
 - Optimized bottom sheet metal stiffener design/location
 - Optimized w.r.t. drive displacement



Implementers/Timelines

■ Intel -

- Q3 (CY) Hudson II
- Q4 Barbera II
- Q1 2001 D'iberville II & Cabrillo III
- Q2 P-Tiger
- Q3 Foster
- Q4 Tiger

■ SGI 3/2001

■ Clariion



Drive Information Required

- Required drive information:
 - VCM measurement information
 - Drive c.g. (center of gravity)
 - Drive moment of inertia (w.r.t. x, y, z axes)
 - Actuator pivot to head distance
 - K_t (VCM torque constant)
 - error rejection curve information



Goals for Next Review

- May 18, Nashua, NH
- Rev2 Prototypes ready to begin testing
- Fujitsu to present results