

Atlas Pixel System Test Task Force (STTF) Phone Conference 9 avril 2003

2. Status of the system test sites

(a) sector test at LBNL (Kevin)

6 modules PP0 support board setup, send trigger, receive data, decode them
multiplicity-1-mode for power supplies standard disk microcables 30 cm
TurboDAQ for check; no single hit missing; running at 50 MHz ???

cooling: chiller ←?

H8 ←?

(b) stave test at BN/WUP/DO/SI (Peter, Fabian)

2 modules extensive setup: for tuning, crosstalk measurement, threshold scan
problems with 1m-type0-cable

(c) stave test at Genua (Giovanni)

no system for multi-module tests

(d) stave test at CPPM (Jean-Claude)

no system for multi-module tests main problem presently loading of modules into staves
(mechanical problem) flex version 4 ←? glue out of inter-chip-region (aim); is claimed not
to be a problem (by Claudia?)

behind other groups (like Genua, same mounting machine)

3. Status of system test hardware and software

(a) ROD

revision C plots will be sent out in not to distant future
VME interface problems; couldn't be checked in LBL, due to missing single board computer
Berkeley people take the ROD with them (« now »)

(b) BOC & optolink

BOC: Longer schedule time than expected, missing fuses, software installation problems
Small number of optoboards should be available during June

(c) power supplies & voltage regulators

Wiener crate prototype examined. This cannot be used. Current measurements are not reliable.

(d) DAQ

TurboDAQ: updates for multi-module modes are in the pipeline present version 3.6

(e) further parts needed for system tests

PP0 boards, replacements for them

4. Next meeting

Mon 28th of April 2003, 17:30 MEST