



GLAST Large Area Telescope:

Electronics, Data Acquisition & Flight Software W.B.S 4.1.7

Mar 2 Monthly Review

Gunther Haller haller@slac.stanford.edu (650) 926-4257

Monthly Review, Mar 2, 2006

GLAST LAT Project



DAQ/Crates

- Presently on the LAT
 - All CPU's on LAT still need to be inspected
 - CPU#14: Primary SIU on bay 11
 - CPU#17: First EPU on bay 00
 - CPU#18: Second EPU on bay 03
- Crates presently in acceptance testing
 - CPU#15: Redundant SIU for bay 07
 - Inspected (ok), vibrated, passed test, is in TV until Thursday noon
 - CPU#13: Redundant (cold) EPU for bay 12
 - Inspected (ok), vibrated, passed test, will go in TV Thursday until Saturday
 - Monday 3/6 review and hand-over to I&T
- March 3:
 - Mount crates with CPU#13 and #15 on LAT bays 12 and 07
 - Remove crates with CPUs #14 and #17
 - Followed by inspection of CPU's (received BAE mirror at SLAC) and vib/TV
- March 16 or earlier
 - Mount crates with CPU#14 and #17 on bays 11 and 00
 - Remove crate with CPU #18
 - Followed by inspection of CPU and vib/TV
- March 26 or earlier
 - Mount crate with CPU#18 on bay 03
- In parallel:
 - CPU#12 and #31 should arrive at SLAC around Mar 9
 - Integration into crates and full vib/TV testing to get spare SIU/EPU
- Spare GASU was conformal coated and is in harness assembly, expected 3/15, followed by flightacceptance testing