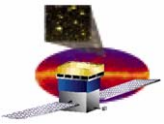


GLAST Large Area Telescope

Instrument Flight Software

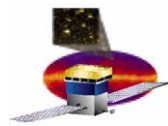
LAT Monthly
Jan 5, 2006

Dick Horn

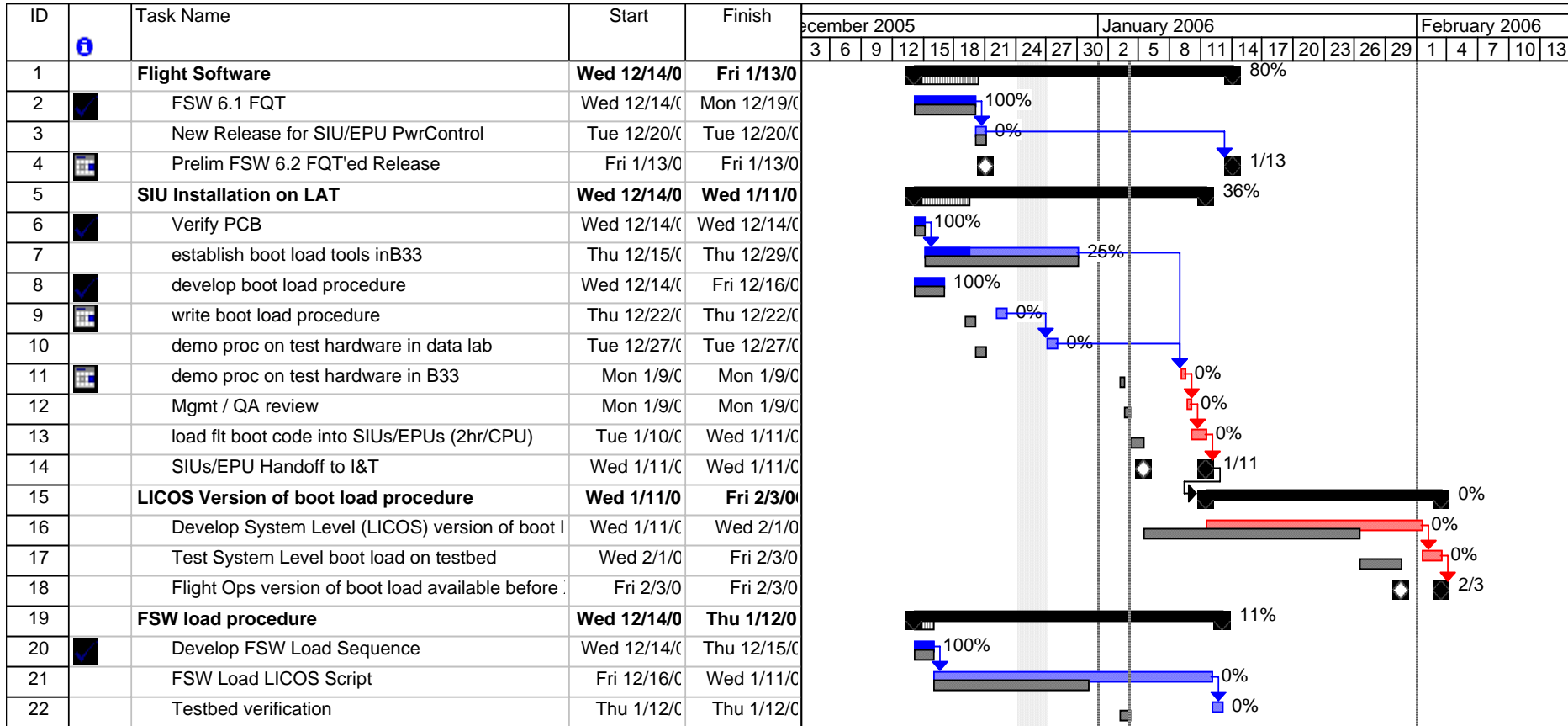


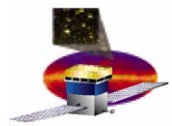
FSW/Test Status

- **Release 6.1 Complete/System Checkout FQT in progress**
 - Completed planned initial FQT successfully (25/43 scripts), 16 Dec
 - Plan to run science (Event Processing) suite this week (10 additional scripts)
 - 127 of 184 total requirements demonstrated by this week
 - Current lien is related to LCI (5 scripts, 21 Requirements) due to a TBD data output discrepancy
 - 12 January (TBR): FSW System Checkout FQT completion
- **Scripts deferred to System Test FQT now in work (GRB-related, thermal control, filters, plus repeat of System C/O scripts)**
 - 8 scripts for deferred items, 36 requirements (Total FQT 51 Scripts)
- **Release 7.0 Target For Formal FQT**
 - Incorporate Lessons Learned
 - Deferred Jira Items
 - GRB, Initial Filters and data compression
 - FQT ECD 20 Dec -> 16 Jan -> 2 Feb TBR*
 - *Need a credible plan that reflects impact of System C/O FQT slip, personnel loss and supports earliest NRL delivery

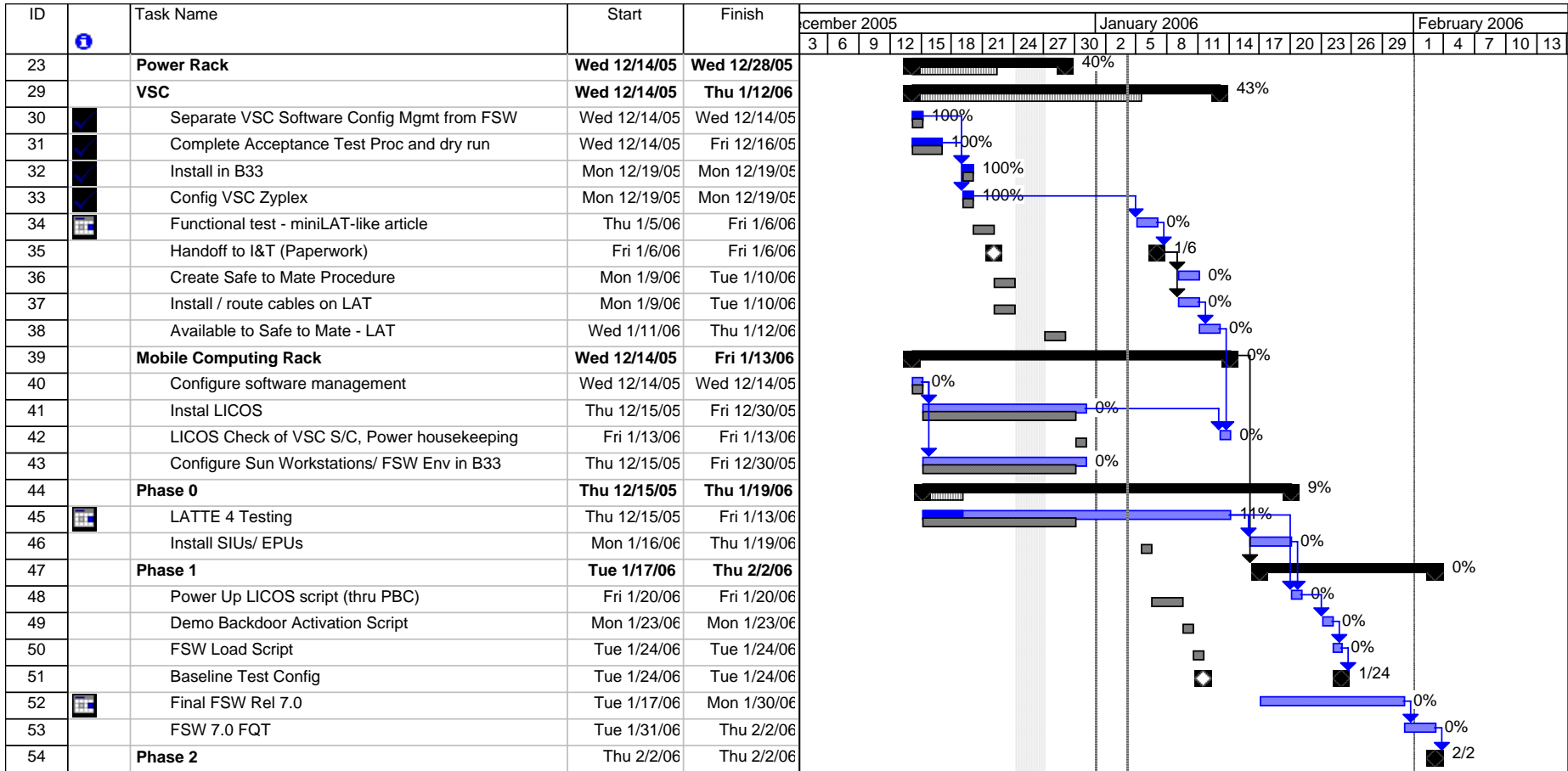


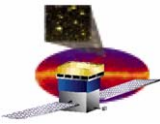
Transition to FSW System Test Flow





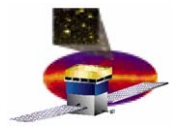
Transition to FSW System Test Flow (Cont)





Test Summary

- **System Checkout FQT**
 - Run against build V0-6-1
 - 25 of 43 scripts run to successful completion
 - 1 partially successful (expected)
 - 1 not completed
 - 1 requires “autoboot”
 - 10 more planned for today (event processing)
 - 5 LCI scripts will be updated and run pending completion of LCI development
- **Scripts deferred to System Test FQT now in work (GRB-related, thermal control, standards, those needing additional filters)**
- **Test schedule**
 - 5 January: FSW System Checkout FQT continued: event processing
 - 12 January (TBR): FSW System Checkout FQT completion: LCI plus stragglers
 - 2 Feb (TBR): FSW System Test FQT



JIRA Metrics

JIRA Metrics as of 3 January 2006

