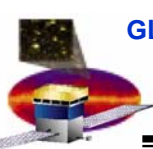


LAT Face to Face Manager' Meeting
Aug 5, 2004

LAT Level Design Status

Rob Black rpblack@slac.stanford.edu



Agenda

- **Agenda**
 - Last Month's Accomplishments
 - Drawing Release Plan
 - Open Issues

The logo features a stylized satellite or space station in the upper left, with a colorful circular graphic below it. The text 'GLAST LAT Project' is positioned to the right of the satellite.

Last Months Accomplishments

- **Continued Support of Mechanical Systems**
 - **Support of Grid disposition ok to Plate**
 - **Updates to Grid drawing with corrections and clarifications**
- **CAD Lead/Administrator working on updating model control process**
- **Continued work on updating Top Assembly Documentation**
 - **Esstablished I & T need dates for Top Level Drawings**
- **Updated CAL and ACD IDDs, currently out for review**
- **Designed updates to 1 X 4 mockup**
- **Received piece parts for 1 X 4 Mock up updates**
- **Continued work with Lockheed blanket designer**
 - **Blanket interface info being added to ACD IDD**
- **Grid Box Base Assembly drawing in final review**
- **CAL-TEM-PS Assembly Drawing in final review**

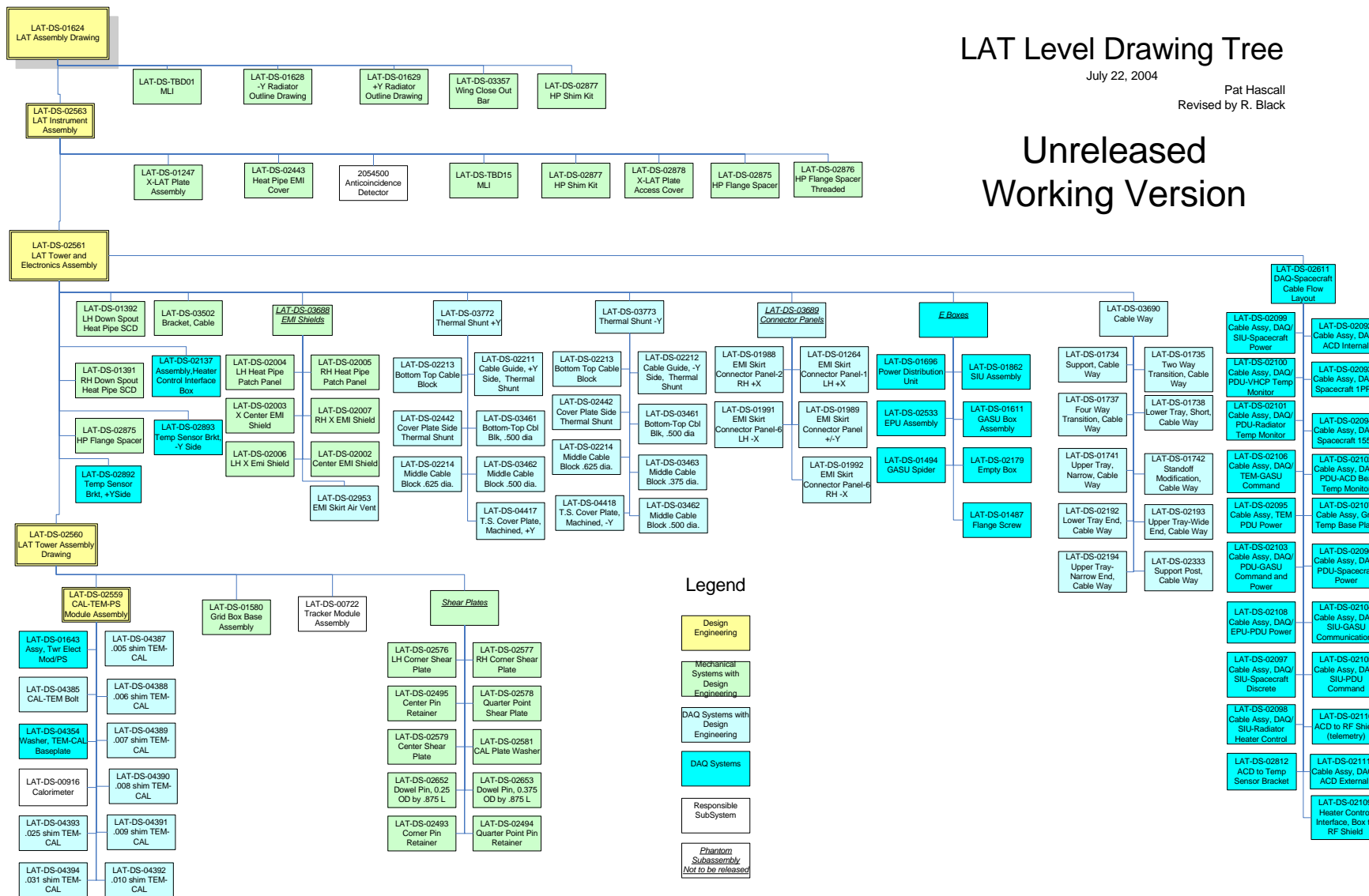
LAT Drawing Tree

LAT Level Drawing Tree

July 22, 2004

Pat Hascall
Revised by R. Black

Unreleased
Working Version



Drawing Release Plan

Top Level Drawings

Document	Description	Responsible person	Drafting ECD	Release ECD	Need Date
LAT-DS-01624	LAT Assembly Drawing	R. Black	4/15/2005	4/30/2005	4/30/2005
LAT-DS-02561	LAT Tower & Elect Assembly Drawing	R. Black	10/15/2004	11/1/2004	11/1/2004
LAT-DS-02560	LAT Tower assembly drawing	R. Black	9/15/2004	10/1/2004	10/1/2004
LAT-DS-02559	CAL-TEM-PS Assembly drawing	R. Black	9/15/2004	10/1/2004	10/1/2004

Interface Drawings

Document	Description	Pending Rev.	Issues	Drafting ECD
LAT-DS-00309	ACD-LAT INTERFACE, IDD	04	Updating with connector clocking, blanket attachment & test harness locations	10/1/04
LAT-DS-00233	CAL-LAT INTERFACE, IDD	07	Remove corner tabs, add standoffs, update grid	Submitted for review 8/3
LAT-DS-00040	LAT INSTRUMENT STAY CLEAR	12	Update ACD envelope, Flexure clearance, MLI Interface	10/1/2004
LAT-DS-00851	TRACKER-LAT INTERFACE, IDD	2	Updating with revised grid interface and cable outlines	9/15/2004

Open Issues

- **Waiting for Feedback on CAL-LAT IDD LAT-DS-00233 Rev 07 from NRL**
 - Sent to Neil Johnson 06/17/04
 - Additional updates 08/03/04
- **ACD interface**
 - Currently all required information has been received, current man power is focused on MLI
- **Staffing**
 - One Designer rolled off, responsibilities to be spread across current staff
- **Establish Plan for model migration to a more controlled location**
 - Source Safe software has been identified for model control.
 - Establishing process for use prior to implementing.
- **MLI Blanket Design**
 - Conceptual interfaces being established, based on numerous inputs
 - 1 X 4 mods complete, working to assemble parts for blanket fit up
- **Instrumentation**
 - Instrumentation Termination Bracket design definition (still open from last month)
 - Locations need to be specified on Assembly drawings and reviewed
 - Installation method definition required for accelerometers
 - Harness & routing definition is needed for all flight and fly-away instrumentation