LAT Face to Face Manager’ Meeting
Aug 5, 2004
LAT Level Design Status

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Agenda

- Last Month’s Accomplishments
- Drawing Release Plan
- Open Issues
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
  - Established 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
# Drawing Release Plan

## Top Level Drawings

<table>
<thead>
<tr>
<th>Document</th>
<th>Description</th>
<th>Responsible person</th>
<th>Drafting ECD</th>
<th>Release ECD</th>
<th>Need Date</th>
</tr>
</thead>
</table>

## Interface Drawings

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