

ID	Task Name	Start	% Complete	Finish
1	<b>Tracker Towers</b>	1/14/05	100%	11/30/05
56	<b>Electronics Receiving</b>	3/19/04	100%	2/10/06
123	<b>MGSE</b>	<b>10/4/05</b>	<b>100%</b>	<b>1/20/06</b>
124	15 ton crane repair	1/20/06	100%	1/20/06
125	<b>Grid 2</b>	<b>10/4/05</b>	<b>100%</b>	<b>12/7/05</b>
128	<b>Tower 8, Spare/Beam Test</b>	<b>6/13/05</b>	<b>100%</b>	<b>10/14/05</b>
129	<b>FM112 Post ship test and receiving test</b>	<b>6/13/05</b>	<b>100%</b>	<b>6/15/05</b>
130	Pickup FM112 at airport	6/13/05	100%	6/13/05
131	Calorimeter receiving inspection	6/14/05	100%	6/14/05
132	Calorimeter post-ship test	6/14/05	100%	6/15/05
133	Test Readiness Review	6/15/05	100%	6/15/05
134	Calorimeter Receiving Test	6/15/05	100%	6/15/05
135	<b>Tracker 8 post ship test &amp; receiving test</b>	<b>10/11/05</b>	<b>100%</b>	<b>10/13/05</b>
136	Perform Procedure LAT-PS-05471 Tracker Receiving & Post ship	10/11/05	100%	10/11/05
137	Perform Post-Shipment Electrical Test per LAT-PS-05481-01	10/11/05	100%	10/11/05
138	Perform EMI Acceptance Test per LAT-TD-05462-01	10/11/05	100%	10/11/05
139	Perform Hand-off Electrical Test per LAT-PS-05481-01	10/11/05	100%	10/11/05
140	Tracker Complete I&T handoff presentation	10/12/05	100%	10/13/05
141	Perform I&T handoff Meeting	10/13/05	100%	10/13/05
142	<b>Sell TKR-8 to I&amp;T</b>	<b>10/13/05</b>	<b>100%</b>	<b>10/13/05</b>
143	I&T TKR-8 Receiving Test (LAT-PS-3290)	10/13/05	100%	10/13/05
144	<b>TEM/TPS 8 Flight Readiness</b>	<b>10/14/05</b>	<b>100%</b>	<b>10/14/05</b>
145	<b>TEM/TPS-8 I&amp;T</b>	<b>10/14/05</b>	<b>100%</b>	<b>10/14/05</b>
146	Install FM118 into Metrology Bay	10/14/05	100%	10/14/05
147	Swap FM118 TEM/TPS for TEM/TPS-8	10/14/05	100%	10/14/05
148	Shim TEM/TPS-8 onto FM118	10/14/05	100%	10/14/05
149	FM118 cable flight mates to TEM/TPS-8	10/14/05	100%	10/14/05
150	FM118 Post-Integration CAL CPT	10/14/05	100%	10/14/05
151	<b>Tower 15, Grid Bay 3</b>	<b>6/7/05</b>	<b>100%</b>	<b>10/19/05</b>
152	<b>FM109 Post ship test and receiving test</b>	<b>6/7/05</b>	<b>100%</b>	<b>6/9/05</b>
153	Pickup FM109 at airport	6/7/05	100%	6/7/05
154	Calorimeter receiving inspection	6/7/05	100%	6/8/05
155	Calorimeter post-ship test	6/8/05	100%	6/8/05
156	Test Readiness Review	6/8/05	100%	6/8/05

ID	Task Name	Start	% Complete	Finish
157	Calorimeter Receiving Test	6/8/05	100%	6/8/05
158	Post test review	6/8/05	100%	6/9/05
159	<b>Tracker 15 post ship test &amp; receiving test</b>	<b>10/17/05</b>	<b>100%</b>	<b>10/18/05</b>
160	Perform Procedure LAT-PS-05471 Tracker 15 Receiving & Post ship	10/17/05	100%	10/17/05
161	Perform Post-Shipment Electrical Test per LAT-PS-05481-01	10/17/05	100%	10/17/05
162	Perform EMI Acceptance Test per LAT-TD-05462-01	10/17/05	100%	10/17/05
163	Perform Hand-off Electrical Test per LAT-PS-05481-01	10/17/05	100%	10/17/05
164	Tracker Complete I&T handoff presentation	10/18/05	100%	10/18/05
165	Perform I&T handoff Meeting	10/18/05	100%	10/18/05
166	<b>Sell TKR-15 to I&amp;T</b>	<b>10/18/05</b>	<b>100%</b>	<b>10/18/05</b>
167	I&T TKR-15 Receiving Test (LAT-PS-3290)	10/18/05	100%	10/18/05
168	<b>TEM/TPS 15 Flight Readiness</b>	<b>10/18/05</b>	<b>100%</b>	<b>10/19/05</b>
169	<b>Tower-15 Grid Bay 3 I&amp;T</b>	<b>10/18/05</b>	<b>100%</b>	<b>10/19/05</b>
170	<b>TKR-15 installation into grid bay 3</b>	<b>10/18/05</b>	<b>100%</b>	<b>10/18/05</b>
171	TKR-15 Crane Operation into grid bay 3	10/18/05	100%	10/18/05
172	TKR-15 Flexure Fastening	10/18/05	100%	10/18/05
173	TKR-15 Flex Cable Bending/Bonding	10/18/05	100%	10/18/05
174	<b>FM118 installation into grid bay 3</b>	<b>10/18/05</b>	<b>100%</b>	<b>10/19/05</b>
175	FM118 crane operation into grid bay 3	10/18/05	100%	10/18/05
176	TKR-15 Flex Cable Flight Mate to TEM/TPS-8	10/18/05	100%	10/19/05
177	<b>Tower 16, Spare / Beam Test</b>	<b>12/10/04</b>	<b>100%</b>	<b>12/13/05</b>
178	<b>FM101 Post ship test and receiving test</b>	<b>12/10/04</b>	<b>100%</b>	<b>1/14/05</b>
179	Pickup FM101 at airport	12/10/04	100%	12/10/04
180	Calorimeter receiving inspection	12/10/04	100%	12/10/04
181	Calorimeter post-ship test	12/13/04	100%	12/14/04
182	Test Readiness Review	12/14/04	100%	12/14/04
183	Calorimeter Receiving Test	12/14/04	100%	12/14/04
184	Post test review	1/14/05	100%	1/14/05
185	<b>Tracker 16 post ship test &amp; receiving test</b>	<b>12/12/05</b>	<b>100%</b>	<b>12/13/05</b>
186	Perform Procedure LAT-PS-05471 Tracker 16 Receiving & Post ship	12/12/05	100%	12/12/05
187	Perform Post-Shipment Electrical Test per LAT-PS-05481-01	12/12/05	100%	12/12/05
188	Perform EMI Acceptance Test per LAT-TD-05462-01	12/12/05	100%	12/12/05
189	Perform Hand-off Electrical Test per LAT-PS-05481-01	12/12/05	100%	12/12/05
190	Tracker Complete I&T handoff presentation	12/13/05	100%	12/13/05
191	Perform I&T handoff Meeting	12/13/05	100%	12/13/05
192	Install Cables & shear plates	10/18/05	100%	10/20/05

ID	Task Name	Start	% Complete	Finish
193	16 Tower Test Pre-test review meeting	10/18/05	100%	10/18/05
194	Bulkhead Brackets	10/26/05	100%	10/26/05
195	EMI Shield & Connector Panels	10/21/05	100%	11/4/05
196	Flight Cables	10/26/05	100%	10/26/05
197	Cable savers	10/26/05	100%	10/26/05
198	ACD Health & status telemetry	10/26/05	100%	10/26/05
199	Release dwgs 2563 & 6721	10/26/05	100%	10/26/05
200	<b>16 Tower Test</b>	<b>10/19/05</b>	<b>100%</b>	<b>10/27/05</b>
201	Bay 2 EICITS	10/19/05	100%	10/19/05
202	Bay 3 EICITS	10/19/05	100%	10/19/05
203	Reinstall EM GASU to grid EM mechanical mounts	10/20/05	100%	10/20/05
204	Connect All Bays TEM cables & connector savers to EM-GASU	10/20/05	100%	10/20/05
205	Inspect / Connect EGSE cables to EM GASU	10/20/05	100%	10/20/05
206	Connect EGSE PDU to Bays 2,3,6,7	10/20/05	100%	10/20/05
207	Install/Verify latest Latte & INT release	10/20/05	100%	10/20/05
208	Configure EM GASU for Redundant side	10/20/05	100%	10/20/05
209	Perform TEM Register Test Bay 2	10/20/05	100%	10/20/05
210	Perform TEM Register Test Bay 3	10/20/05	100%	10/20/05
211	Perform TEM Register Test Bay 6	10/20/05	100%	10/20/05
212	Perform TEM Register Test Bay 7	10/20/05	100%	10/20/05
213	Configure EM PDU EM GASU for Primary side	10/20/05	100%	10/20/05
214	Perform TEM Register Test Bay 2	10/20/05	100%	10/20/05
215	Perform TEM Register Test Bay 3	10/20/05	100%	10/20/05
216	Perform TEM Register Test Bay 6	10/20/05	100%	10/20/05
217	Perform TEM Register Test Bay 7	10/20/05	100%	10/20/05
218	Perform CAL CPT - All Towers	10/25/05	100%	10/25/05
219	Perform TKR CPT - All Towers	10/25/05	100%	10/26/05
220	Perform TEM Register Test Bay 9 per NCR 529	10/26/05	100%	10/26/05
221	Perform TE702 - All Towers	10/26/05	100%	10/26/05
222	Perform TE704 - All Towers	10/27/05	100%	10/27/05
223	Muon Survey	10/27/05	100%	10/27/05
224	Review 16 Tower Data & Break configuration	10/27/05	100%	10/27/05
225	<b>Install Test Instrumentation</b>	<b>10/27/05</b>	<b>100%</b>	<b>11/21/05</b>
226	Install & Test Accelerometers	10/27/05	100%	11/11/05
227	Install & Test TC's	11/8/05	100%	11/9/05
228	Install & Test Accelerometer on -Z side	11/11/05	100%	11/15/05
229	Install & Test Accelerometer on +Z side	11/21/05	100%	11/21/05

ID	Task Name	Start	% Complete	Finish
230	Install Thermistors on +Z side	11/21/05	100%	11/21/05
231	<b>Install LAT hardware</b>	<b>11/3/05</b>	<b>100%</b>	<b>12/13/05</b>
232	<b>Bulkhead Panel and Cable Installation</b>	<b>11/10/05</b>	<b>100%</b>	<b>12/13/05</b>
233	<b>Heat Pipe Patch Panel Integration</b>	<b>11/10/05</b>	<b>100%</b>	<b>12/13/05</b>
234	Use X-LAT Plate to Locate DSHP's	11/10/05	100%	11/14/05
235	NCR 743 EMI shield assembly	11/21/05	100%	11/21/05
236	NCR 744 X-LAT hole alignment	11/14/05	100%	11/17/05
237	Mount +Y and -Y Heat Pipe Patch Panels	11/14/05	100%	11/14/05
238	Align and Install Downspout Heatpipes	11/15/05	100%	11/15/05
239	Install Connector Panels	11/21/05	100%	11/21/05
240	Bond Thermistors to DSHP's	11/17/05	100%	11/18/05
241	LAT Auxiliary Cooling System Set-up and Operation Checkout	11/16/05	100%	12/13/05
242	X-LAT Plate rework	11/29/05	100%	11/30/05
243	<b>Grid Mechanical Part Integration</b>	<b>11/3/05</b>	<b>100%</b>	<b>11/4/05</b>
244	<b>Grid Box Electrical Connection</b>	<b>11/3/05</b>	<b>100%</b>	<b>11/4/05</b>
245	Install and route Heater Cables	11/3/05	100%	11/4/05
246	<b>Install Electronics and Cables</b>	<b>11/2/05</b>	<b>100%</b>	<b>12/28/05</b>
247	NCR 736 DAQ/PDU cable - non flight routing	11/18/05	100%	11/18/05
248	NCR 741 HIB cable orientation	11/18/05	100%	11/18/05
249	Install PDU	11/2/05	100%	11/2/05
250	Install PDU cables, verify routing, perform flight mate	11/2/05	100%	11/17/05
251	Fabricate & receive PDU Cable LAT-DS-02101-56-500	11/22/05	100%	11/22/05
252	Fabricate & receive HIB Cable LAT-DS-5054	12/14/05	100%	12/14/05
253	Install HIBs	11/10/05	100%	11/10/05
254	LAT Pre-ACD Installation survey	11/17/05	100%	11/18/05
255	Install LAT-DS-3663 cables & safe to mate	12/2/05	100%	12/28/05
256	Install HIB cables, verify routing, flight mate	11/18/05	100%	11/18/05
257	Test HIB cables	11/18/05	100%	11/21/05
258	Install GASU	12/2/05	100%	12/2/05
259	Install GASU cables, verify routing, perform flight mate	12/5/05	100%	12/7/05
260	Test GASU cables	12/7/05	100%	12/8/05
261	Configure PDU and GASU to Redundant Mode, Perform LAT power on	12/8/05	100%	12/8/05
262	Configure PDU and GASU to Primary Mode, Perform LAT power on	12/8/05	100%	12/9/05
263	Perform LAT power on	12/9/05	100%	12/9/05
264	<b>LAT Test Rack</b>	<b>11/2/05</b>	<b>100%</b>	<b>12/15/05</b>
265	Mobile Rack Firewall Installation	11/2/05	100%	11/11/05
266	Install Firewall in Mobile Rack in bldg 84	11/2/05	100%	11/2/05

ID	Task Name	Start	% Complete	Finish
267	Upgrade Cleanroom (Bldg 33) Firewall Software	11/7/05	100%	11/11/05
268	Connectivity verification between Bldg 84 & 33	11/10/05	100%	11/16/05
269	Complete 2nd Mobile Rack firewall Configuration	11/22/05	100%	12/7/05
270	Complete 2nd Switch Configuration	11/17/05	100%	11/17/05
271	Ship 2nd Firewall, Switch, Bastion Host and LATTE PC to NRL	12/8/05	100%	12/9/05
272	Certify NRL Network Security	12/14/05	100%	12/14/05
273	Verify NRL-SLAC Connectivity	12/15/05	100%	12/15/05
274	<b>ACD Installation &amp; Test with 16 Towers</b>	<b>11/2/05</b>	<b>100%</b>	<b>1/15/06</b>
275	ACD pre-test review	11/2/05	100%	11/2/05
276	LAT Test Phase TRR	11/3/05	100%	11/4/05
277	Install ACD	11/23/05	100%	11/23/05
278	<b>Re-label 2111 cables per print &amp; return to stores</b>	<b>12/5/05</b>	<b>100%</b>	<b>12/14/05</b>
279	Ortiz/Tice give cables to Freytag	12/5/05	100%	12/5/05
280	Freytag to re-label & place in bonded stores	12/8/05	100%	12/8/05
281	Waiting for release of dwg 2111 to verify cable labelling	12/14/05	100%	12/14/05
282	<b>LATTE 4.x/ACD/16 tower testing</b>	<b>11/28/05</b>	<b>100%</b>	<b>1/15/06</b>
283	ACD safe-2-mate	11/28/05	100%	12/9/05
284	GASU register test	12/15/05	100%	12/15/05
285	register test - redundant GASU/PDU	12/15/05	100%	12/15/05
286	register test - primary GASU/PDU	12/15/05	100%	12/15/05
287	LAT CPT - TKR Section*	12/19/05	100%	12/19/05
288	Perform TKRSimOcc Test	12/19/05	100%	12/19/05
289	LAT CPT - CAL Section*	12/19/05	100%	12/19/05
290	ACD Hitmap Latching	12/19/05	100%	12/20/05
291	ACD CI Circuit Retriggering**	12/20/05	100%	12/20/05
292	CAL Channel Uniformity	12/20/05	100%	12/20/05
293	ACD TREQ with ext trigger**	12/20/05	100%	12/20/05
294	ACD Trigger Rate Test	12/20/05	100%	12/20/05
295	CAL FLE Muon Scan	1/4/06	100%	1/4/06
296	ACD TREQ with TKR trigger	1/4/06	100%	1/5/06
297	CAL, TKR TREQ Alignment	1/6/06	100%	1/6/06
298	AEM/ACD Clock Phase Bit Test per STR 19	12/19/05	100%	1/9/06
299	ACD, CAL, TKR TACK Scan	1/9/06	100%	1/9/06
300	TE601 (TKR threshold scan)	1/9/06	100%	1/9/06
301	Continue TACK Analysis	1/10/06	100%	1/10/06
302	Perform TE601 per AIDS 01859 Step 40	1/11/06	100%	1/11/06
303	NCR 783 Thread A and B Disposition	1/10/06	100%	1/10/06

ID	Task Name	Start	% Complete	Finish
304	Power on Primary Side	1/10/06	100%	1/10/06
305	Compl TE601 (steps s8 & s9) per AIDS-01859 step 40	1/10/06	100%	1/10/06
306	Perform AIDS-01859 step 50 to verify threshold files copied	1/10/06	100%	1/10/06
307	Re-perform TE602 per AIDS-01859 step 60	1/10/06	100%	1/11/06
308	Notify Tracker subsystem TE602 finished per AIDS-01859 step 70	1/10/06	100%	1/10/06
309	Perform CalibDac per AIDS-01859 step 10	1/10/06	100%	1/10/06
310	Perform CalibGen per AIDS-01859 step 20	1/10/06	100%	1/10/06
311	Perform MuTrig per AIDS-01859 Step 30	1/10/06	100%	1/10/06
312	Perform TE602 (3rd time) per AIDS-01859 step 60	1/10/06	100%	1/13/06
313	TE604 per AIDS-01859 step 80	1/11/06	100%	1/13/06
314	TE702 (TKR trigger jitter) per AIDS-01859 step 90	1/11/06	100%	1/13/06
315	NCR 783 Thread per AIDS-01863 Thread C	1/12/06	100%	1/12/06
316	ACD CPT - Redundant side AIDS-01856 step 20	12/15/05	100%	1/12/06
317	ACD Channel Uniformity - Redundant side per AIDS-01854 step 20	1/12/06	100%	1/12/06
318	Perform return of Cal_trg files to state prior to trigger testing	1/12/06	100%	1/12/06
319	Verify Calibration files are updated per AIDS-01859 step 100	1/12/06	100%	1/12/06
320	Perform 1 min run per AIDS-01859 step 110	1/12/06	100%	1/12/06
321	Repeat - Verify calibration files updated per AIDS-1859 step 100	1/12/06	100%	1/13/06
322	Repeat - Perform 1 minute runs per AIDS-1859 step 110	1/13/06	100%	1/13/06
323	Install another round of CAL files	1/13/06	100%	1/13/06
324	3rd time - verify calibration files updated	1/13/06	100%	1/13/06
325	3rd time - Perform 1 min runs per AIDS-01859 step 110	1/13/06	100%	1/13/06
326	Obtain Approval confirming correct configuration	1/13/06	100%	1/13/06
327	e2e B-13 (15 min) per AIDS-01859 step 130	1/13/06	100%	1/13/06
328	e2e B-10 (15 hours) per AIDS-01859 Step 140	1/13/06	100%	1/14/06
329	e2e B-2 (4 hours) per AIDS-150	1/14/06	100%	1/14/06
330	V&V and INT release for trigger	1/14/06	100%	1/14/06
331	Martin Kocian to install FLE files and trigger mask	1/14/06	100%	1/14/06
332	Repeat CAL TKR TREQ Alignment per AIDS-01854 step 170	1/14/06	100%	1/14/06
333	Trigger Efficiency Test per AIDS-01859 step 200	1/14/06	100%	1/15/06
334	ACD Veto Efficiency Test per AIDS-01859 step 210	1/15/06	100%	1/15/06
335	Perform return of Cal_trg files to state prior to trigger testing	1/15/06	100%	1/15/06
336	<b>Phase 1 Hardware installation</b>	<b>1/16/06</b>	<b>100%</b>	<b>2/13/06</b>
337	Mechanically Install SIU	1/16/06	100%	1/16/06
338	Collect & Document current power rack settings w/Agilent power supply/PDU and current EG:	1/17/06	100%	1/17/06
339	Install, S2M, and commission new power rack	1/17/06	100%	1/17/06
340	Baseline measurement of all current & voltages	1/17/06	100%	1/18/06

ID	Task Name	Start	% Complete	Finish
341	<b>NCR 783 BOB test per MRB disposition</b>	<b>1/19/06</b>	<b>100%</b>	<b>1/20/06</b>
350	Verify external crate in control rack prior to SIU install with LATTE4	1/20/06	100%	1/23/06
351	Finish initial release of the alarm handler	1/24/06	100%	1/24/06
352	V&V LICOS	1/28/06	100%	1/31/06
353	<b>Verify Control Rack external crate operation with ODS/Windows</b>	<b>1/24/06</b>	<b>100%</b>	<b>1/30/06</b>
359	V&V LAT00x, LAT01x [Selim]	1/30/06	100%	1/30/06
360	V&V gasuPduSelect and LAT04x (and possibly LAT09x) [Jim]	1/31/06	100%	1/31/06
361	Add second screen to Linux workstations [John]	1/31/06	100%	1/31/06
362	Finish Linux workstation setup, document and train TCs [John, Ric, Jim, Lester]	1/31/06	100%	1/31/06
363	V&V LAT00x	2/2/06	100%	2/2/06
364	V&V MCR [John, Kelly]	2/2/06	100%	2/10/06
365	Verify MCR LATTE operation [John, Brian] (Register test and dataTaking)	1/30/06	100%	1/30/06
366	CCB covering updates to LATTE, INT, LICOS, Scripts, ISOC, FSW	2/1/06	100%	2/1/06
367	Install CCB approved updates	2/2/06	100%	2/2/06
368	V&V LAT04x script	2/3/06	100%	2/9/06
369	Verify S/C monitoring w/o SIU thru VSC	1/30/06	100%	1/30/06
370	Remove SIU dongle	1/31/06	100%	1/31/06
371	Electrically Mate SIU-11	1/31/06	100%	1/31/06
372	Power Rack check voltages & current after SIU mate	2/1/06	100%	2/1/06
373	Install final HIB (spare) - waiting for LICOS	2/10/06	100%	2/10/06
374	Power Rack Cable routing & Safe to mate	1/23/06	100%	2/2/06
375	Control Rack Cable Routing	1/23/06	100%	2/2/06
376	Install Temp Sensor Brackets	1/23/06	100%	1/23/06
377	Install ACD cable J26 and safe-2-mate	2/3/06	100%	2/6/06
378	NCR 808 - Backshell torque (12? Cables)	1/25/06	100%	2/13/06
379	Grid Make up heater S2M	2/9/06	100%	2/9/06
380	Install DELL 2850 Bastion hosts	2/6/06	100%	2/10/06
381	<b>Phase 1 - Complete Hardware/Software Installation</b>	<b>2/13/06</b>	<b>73%</b>	<b>4/25/06</b>
382	Install HIB-15 (spare)	2/15/06	100%	2/15/06
383	Return EPU-12 to ELX per NCR 833	2/15/06	100%	2/16/06
384	Perform Disposition for NCR 822	2/15/06	100%	2/15/06
385	Receive/Install INT release	2/15/06	100%	2/15/06
386	V&V LAT00x Turn On	2/15/06	100%	2/16/06
387	Perform LAT00x Turn On (Failed)	2/15/06	100%	2/16/06
388	Perform Disposition for NCR 829	2/16/06	100%	2/17/06
389	Return SIU-7 (GLAT2527) to ELX per NCR 833	2/17/06	100%	2/17/06
390	Receive Approval on STR 38 "LAT701 Practice"	2/17/06	100%	2/17/06

ID	Task Name	Start	% Complete	Finish
391	Receive/Install INT release to support STR 38	2/21/06	100%	2/21/06
392	Perform STR 38 "LAT701 practice"	2/21/06	100%	2/22/06
393	Perform EPU-3 Safe to Mate Check	2/13/06	100%	2/13/06
394	Mechanically Install EPU-3	2/15/06	100%	2/21/06
395	Electrically Install EPU-3 per NCR 830	2/22/06	100%	2/22/06
396	Receive EPU-0 from ELX	2/21/06	100%	2/21/06
397	Perform EPU-0 Safe to Mate check	2/22/06	100%	2/22/06
398	Mechanically Install EPU-0	2/22/06	100%	2/22/06
399	Electrically Install EPU-0 per NCR 830	2/22/06	100%	2/23/06
400	Install Elogbook Version 4.1	2/23/06	100%	2/23/06
401	Install LICOS release 1.2.0	2/23/06	100%	2/23/06
402	Modify config LAT00x for Power on with EPUs	2/23/06	100%	2/23/06
403	CCB for LAT00x config files	2/23/06	100%	2/23/06
404	Perform LAT00x Power on with EPUs	2/23/06	100%	2/23/06
405	Prepare LAT04x script for B0-6-2 upload	2/23/06	100%	2/23/06
406	V&V LAT04x script for B0-6-2 upload	2/23/06	100%	2/23/06
407	CCB LAT04x script for B0-6-2 upload	2/23/06	100%	2/24/06
408	Perform LAT04x script for B0-6-2 upload	3/1/06	100%	3/1/06
409	Prepare LAT22x Science Ops Demo	2/16/06	100%	2/24/06
410	V&V LAT22x Science Ops Demo	2/24/06	100%	2/24/06
411	CCB covering LAT22x Science Ops Demo any new updates	2/24/06	100%	2/24/06
412	Perform LAT221 Science Ops Demo	3/2/06	100%	3/2/06
413	CCB to approve B0-6-3 install	3/2/06	100%	3/2/06
414	Receive release from FSW of B0-6-3	3/2/06	100%	3/2/06
415	Use LAT04x to upload new FSW (B0-6-3: release supporting science data)	3/2/06	100%	3/2/06
416	Perform LAT001 Turn On	3/3/06	100%	3/3/06
417	Perform LAT221 Science Ops Demo	3/3/06	100%	3/3/06
418	Perform LAT011 Turn Off	3/3/06	100%	3/3/06
419	Perform LAT001 Turn on	3/4/06	100%	3/4/06
420	Perform LAT221 Science Ops Demo (10 min runs 1 shift)	3/4/06	100%	3/4/06
421	Perform LAT011 Turn Off	3/4/06	100%	3/4/06
422	Receive cable LAT-DS-02110 (ACD P25)	3/6/06	100%	3/6/06
423	Route Cable LAT-DS-02110 (ACD P25)	3/6/06	100%	3/6/06
424	Perform ACD-P25 Safe to Mate	3/6/06	100%	3/6/06
425	Install +X Blanket Bar	3/6/06	100%	3/6/06
426	Receive SIU-7 from ELX per NCR 833	3/6/06	100%	3/6/06
427	Receive EPU-12 from ELX per NCR 833	3/6/06	100%	3/6/06

ID	Task Name	Start	% Complete	Finish
428	Remove SIU-11 per NCR 833	3/6/06	100%	3/6/06
429	Remove EPU-0 per NCR 833	3/6/06	100%	3/6/06
430	Safe to Mate SIU-7 per NCR 833	3/6/06	100%	3/6/06
431	Safe to Mate EPU-12 per NCR 833	3/6/06	100%	3/6/06
432	Cable and Cable Tray Routing	3/6/06	100%	3/7/06
433	Mechanically Install SIU-7 per NCR 833	3/7/06	100%	3/7/06
434	Mechanically Install EPU-12 per NCR 833	3/8/06	100%	3/8/06
435	Electrically Mate SIU-7 per NCR 833	3/8/06	100%	3/8/06
436	Electrically Mate EPU-12 per NCR 833	3/8/06	100%	3/8/06
437	Receive/Install release for LAT00x with SIU-7, EPU-12, EPU-3	3/8/06	100%	3/8/06
438	Use LAT04x to upload new FSW B0-6-3 to SIU-7	3/8/06	100%	3/8/06
439	Perform LAT00x Turn on	3/9/06	100%	3/9/06
440	Use LAT04x to upload new FSW B0-6-3 to EPU-12	3/10/06	100%	3/13/06
441	Perform LAT002 Turn On	3/13/06	100%	3/13/06
442	Perform LAT00x Turn on	3/8/06	100%	3/8/06
443	Use LAT04x to upload new FSW B0-6-3 to EPU-12	3/9/06	100%	3/9/06
444	Perform LAT002 Turn on	3/9/06	100%	3/9/06
445	Perform LAT222 Science Ops Demo	3/9/06	100%	3/15/06
446	Development tests of LPA/LCI scripts Config 2+	3/13/06	100%	3/17/06
447	Receive SIU-11 from ELX per NCR 833	3/16/06	100%	3/16/06
448	Receive EPU-0 from ELX per NCR 833	3/16/06	100%	3/16/06
449	Safe to Mate SIU-11 per NCR 833	3/16/06	100%	3/16/06
450	Safe to Mate EPU-0 per NCR 833	3/16/06	100%	3/16/06
451	Mechanically Install SIU-11 per NCR 833	3/16/06	100%	3/16/06
452	Mechanically Install EPU-0 per NCR 833	3/16/06	100%	3/16/06
453	Electrically Mate SIU-11 per NCR 833	3/16/06	100%	3/17/06
454	Electrically Mate EPU-0 per NCR 833	3/16/06	100%	3/16/06
455	Receive washers for HCB installation	3/16/06	100%	3/16/06
456	Mechanically mount Heater Control Box (HCB) Integrations	3/16/06	100%	3/17/06
457	Power On Config 2+ Development tests of LPA / LCI scripts	3/16/06	100%	3/17/06
458	Power On Config 7 Development tests of LPA / LCI scripts	3/17/06	100%	3/17/06
459	Use LAT04x to upload new FSW B0-6-4 to SIU-7	3/17/06	100%	3/17/06
460	Use LAT04x to upload new FSW B0-6-4 to SIU-11	3/17/06	100%	3/17/06
461	Use LAT04x to upload new FSW B0-6-4 to EPU-0	3/17/06	100%	3/17/06
462	Use LAT04x to upload new FSW B0-6-4 to EPU-3	3/17/06	100%	3/18/06
463	Use LAT04x to upload new FSW B0-6-4 to EPU-12	3/18/06	100%	3/18/06
464	Receive/Install LICOS 2.0	3/18/06	100%	3/18/06

ID	Task Name	Start	% Complete	Finish
465	Power On Config 7 Development tests of LPA / LCI scripts	3/18/06	100%	3/20/06
466	Remove EPU-3 per NCR 833	3/20/06	100%	3/20/06
467	Power on Config 7 Development tests of LPA/LCI scripts	3/21/06	100%	3/21/06
468	Perform LAT307 ACD CPT individual scripts	3/21/06	100%	3/22/06
469	Power On Config 7 Single Tower 0	3/21/06	100%	3/21/06
470	TKR and CAL CPT Development tests individual scripts	3/21/06	100%	3/22/06
471	Power On Config 7 Development tests of LPA / LCI scripts	3/22/06	100%	3/22/06
472	Use LAT04x to upload new FSW B0-6-5 to SIU-7	3/22/06	100%	3/22/06
473	Use LAT04x to upload new FSW B0-6-5 to EPU-0	3/22/06	100%	3/22/06
474	Use LAT04x to upload new FSW B0-6-5 to EPU-12	3/22/06	100%	3/22/06
475	Use LAT04x to upload new FSW B0-6-5 to SIU-11	3/22/06	100%	3/22/06
476	Power On Config 7 Development tests of LPA / LCI scripts	3/22/06	100%	3/24/06
477	SIU-7 Uploaded with B0-6-6	3/24/06	100%	3/24/06
478	SIU-11 Uploaded with B-6-6	3/25/06	100%	3/25/06
479	Power On Config 4 Development tests of LPA / LCI scripts	3/25/06	100%	3/27/06
480	Receive EPU-3 from ELX per NCR 833	3/28/06	100%	3/28/06
481	Safe to Mate EPU-3 per NCR 833	3/28/06	100%	3/28/06
482	Mechanically Install EPU-3 per NCR 833	3/28/06	100%	3/28/06
483	Electrically Mate EPU-3 per NCR 833	3/28/06	100%	3/28/06
484	Receive LAT-DS-02094 (1553 cables)	3/28/06	100%	3/28/06
485	Route LAT-DS-02094 (1553 cables)	3/28/06	100%	3/28/06
486	Perform JL-232, 233, 234, 235 Safe to Mate (1553)	3/28/06	100%	3/28/06
487	Receive LAT-DS-02882 cable per NCR 777	3/28/06	100%	3/28/06
488	Use LAT04x to upload new FSW B0-6-6 to EPU-3	3/28/06	100%	3/28/06
489	Config 1 Development tests of LPA / LCI scripts	3/28/06	100%	3/29/06
490	Route LAT-DS-02882 cable per NCR 777	3/29/06	100%	3/29/06
491	Safe to Mate on LAT-DS-02882 cable at JL-39 per NCR 777	3/29/06	100%	3/29/06
492	Power On Conf 1 Turbo, two B-31 runs	3/29/06	100%	3/29/06
493	Switch to LATTE and external crate, ACD CPT development tests	3/29/06	100%	3/30/06
494	Switch back to LICOS, Config 1 Development tests of LPA / LCI scripts	3/30/06	100%	3/30/06
495	Perform Electrical Flight Mate of HCB JL-134, 137, 147, 150	3/30/06	100%	3/30/06
496	Config 2 Development tests of LPA / LCI / LAT07x scripts	3/30/06	100%	3/31/06
497	Config 8 Development Tests	3/31/06	100%	4/2/06
498	Config 9 Development tests	4/3/06	100%	4/3/06
499	Online analysis of LAT07x (CAL calibDAC)	4/3/06	90%	4/5/06
500	Config 4 Development tests	4/4/06	100%	4/4/06
501	LAT21x dry runs -- GEM trig test	4/4/06	100%	4/4/06

ID	Task Name	Start	% Complete	Finish
502	Config 3 Development tests	4/5/06	100%	4/5/06
503	LAT70x, LAT vertical ( 2hrs/night until ship)	4/5/06	20%	4/25/06
504	LAT71x dry runs -- muon calibration ( 2hrs/night until ship)	4/5/06	20%	4/25/06
505	Config 1 Development tests	4/6/06	100%	4/6/06
506	LAT661 test	4/6/06	100%	4/6/06
507	Config 1 Development test	4/7/06	100%	4/7/06
508	Config 1 LAT70x runs w/VdG	4/8/06	100%	4/8/06
509	LAT Optical Survey	4/9/06	100%	4/9/06
510	Config 5 Development test	4/10/06	0%	4/10/06
511	LAT21x dry runs -- GEM Trig Test	4/11/06	0%	4/11/06
512	Config 3 Development Tests	4/11/06	0%	4/12/06
513	LAT21x dry runs -- TREQ test	4/12/06	0%	4/12/06
514	AcdVetoCAL development tests	4/12/06	0%	4/12/06
515	LAT07x dry runs -- CAL portion	4/12/06	0%	4/12/06
516	LAT07x dry runs -- TKR portion	4/12/06	0%	4/13/06
517	Perform NCR 822 disposition	4/10/06	0%	4/11/06
518	Finish Cable Dressing	4/11/06	0%	4/11/06
519	Chiller line reconfiguration	4/11/06	0%	4/12/06
520	Receive connector covers for blank connectors	4/12/06	0%	4/12/06
521	Install connector covers for blank connectors	4/12/06	0%	4/12/06
522	Machine Thermal Shunts	4/12/06	0%	4/12/06
523	Compl Installation of redundant router, switch & pwr distr block	4/12/06	0%	4/12/06
524	LAT Optical Survey	4/12/06	0%	4/13/06
525	LAT power Impedance check per LAT-PS-07885	4/13/06	0%	4/16/06
526	Move mini-LAT to bldg 84 test bed	4/16/06	0%	4/16/06
527	<b>Phase 2 - LAT Level System Test (Run for the Record)</b>	<b>4/16/06</b>	<b>45%</b>	<b>4/26/06</b>
528	<b>Configuration 1</b>	<b>4/16/06</b>	<b>47%</b>	<b>4/20/06</b>
529	LAT001 – LAT Config 1 Power On	4/16/06	100%	4/16/06
530	LAT021 – LAT Config 1 Reinitialization	4/16/06	100%	4/16/06
531	LAT031 – LAT Config 1 Elect Power Subsys Perf	4/17/06	0%	4/17/06
532	LAT041 – LAT Config 1 Estab B/L Science Ops Config	4/17/06	100%	4/17/06
533	LAT051 – LAT Config 1 Register Test	4/17/06	0%	4/17/06
534	LAT061 – LAT Config 1 SIU/EPU H/W Funct	4/17/06	100%	4/17/06
535	LAT071 – LAT Config 1 Energy Meas Calib	4/17/06	0%	4/17/06
536	LAT121 – LAT Config 1 Science Modes	4/17/06	0%	4/17/06
537	LAT131 – Config 1 LAT/Spacecraft I/F	4/17/06	0%	4/17/06
538	LAT151 – LAT Config 1 Ambient TCS Test	4/18/06	0%	4/18/06

ID	Task Name	Start	% Complete	Finish
539	LAT161 – LAT Config 1 Ambient Survival Heater Test	4/18/06	0%	4/18/06
540	LAT201 – LAT Config 1 Science Performance Diag	4/18/06	0%	4/18/06
541	LAT211 – LAT Config 1 Timing Measure & Adjust	4/18/06	0%	4/18/06
542	LAT221 – LAT Config 1 Science Ops Demo	4/18/06	0%	4/18/06
543	LAT231 – LAT Config 1 GRB Handling	4/18/06	0%	4/18/06
544	LAT301 – LAT Config 1 ACD CPT	4/18/06	100%	4/18/06
545	LAT401 – LAT Config 1 Calorimeter CPT	4/19/06	0%	4/19/06
546	LAT501 – LAT Config 1 Tracker CPT	4/19/06	0%	4/19/06
547	LAT521 – LAT Light Tight Test	4/19/06	0%	4/19/06
548	LAT651 – LAT Config 1 False Triggers	4/19/06	0%	4/19/06
549	LAT661 – LAT Config 1 Data Transport Errors	4/19/06	0%	4/19/06
550	LAT701 – LAT Config 1 SVAC Flight Config on Gnd	4/19/06	100%	4/19/06
551	LAT711 – LAT Config 1 SVAC Muon Calibrations	4/19/06	100%	4/19/06
552	LAT801 – LAT Config 1 SVAC Pwr Feed Min Voltage	4/20/06	100%	4/20/06
553	LAT811 – LAT Config 1 SVAC Pwr Feed Max Voltage	4/20/06	100%	4/20/06
554	LAT821 – LAT Config 1 SVAC High Trigger Rate	4/20/06	100%	4/20/06
555	LAT831 – LAT Config 1 SVAC High Trig Rate Muon Gain	4/20/06	100%	4/20/06
556	LAT841 – LAT Config 1 SVAC High Trig Rate, Min Volt	4/20/06	100%	4/20/06
557	LAT851 – LAT Config 1 SVAC High Trig Rate, Max Volt	4/20/06	100%	4/20/06
558	LAT011 – LAT Config 1 Power Off	4/20/06	100%	4/20/06
559	<b>Configuration 2</b>	<b>4/21/06</b>	<b>45%</b>	<b>4/23/06</b>
560	LAT002 – LAT Config 2 Power On	4/21/06	100%	4/21/06
561	LAT022 – LAT Config 2 Reinitialization	4/21/06	0%	4/21/06
562	LAT032 – LAT Config 2 Elect Power Subsys Perf	4/21/06	0%	4/21/06
563	LAT042 – LAT Config 2 Estab B/L Science Ops Config	4/21/06	100%	4/21/06
564	LAT052 – LAT Config 2 Register Test	4/21/06	0%	4/21/06
565	LAT062 – LAT Config 2 SIU/EPU H/W Funct	4/21/06	100%	4/21/06
566	LAT122 – LAT Config 2 Science Modes	4/21/06	0%	4/21/06
567	LAT132 – Config 2 LAT/Spacecraft I/F	4/22/06	0%	4/22/06
568	LAT152 – LAT Config 2 Ambient TCS Test	4/22/06	0%	4/22/06
569	LAT162 – LAT Config 2 Ambient Survival Heater Test	4/22/06	0%	4/22/06
570	LAT202 – LAT Config 2 Science Performance Diag	4/22/06	0%	4/22/06
571	LAT212 – LAT Config 2 Timing Measure & Adjust	4/22/06	100%	4/22/06
572	LAT222 – LAT Config 2 Science Ops Demo	4/22/06	100%	4/22/06
573	LAT232 – LAT Config 2 GRB Handling	4/22/06	0%	4/22/06
574	LAT302 – LAT Config 2 ACD CPT	4/23/06	100%	4/23/06
575	LAT402 – LAT Config 2 Calorimeter CPT	4/23/06	0%	4/23/06

ID	Task Name	Start	% Complete	Finish
576	LAT502 – LAT Config 2 Tracker CPT	4/23/06	0%	4/23/06
577	LAT702 – LAT Config 2 SVAC Flight Config on Gnd	4/23/06	100%	4/23/06
578	LAT852 – LAT Config 2 SVAC High Trig Rate, Max Volt	4/23/06	100%	4/23/06
579	LAT012 – LAT Config 2 Power Off	4/23/06	100%	4/23/06
580	<b>Configuration 3</b>	<b>4/23/06</b>	<b>33%</b>	<b>4/24/06</b>
581	LAT003 – LAT Config 3 Power On	4/23/06	100%	4/23/06
582	LAT023 – LAT Config 3 Reinitialization	4/24/06	0%	4/24/06
583	LAT133 – LAT Config 3 LAT/Spacecraft I/F	4/24/06	0%	4/24/06
584	LAT223 – LAT Config 3 Science Ops Demo	4/24/06	0%	4/24/06
585	LAT233 – LAT Config 3 GRB Handling	4/24/06	0%	4/24/06
586	LAT013 – LAT Config 3 Power Off	4/24/06	100%	4/24/06
587	<b>Configuration 4</b>	<b>4/24/06</b>	<b>33%</b>	<b>4/25/06</b>
588	LAT004 – LAT Config 4 Power On	4/24/06	100%	4/24/06
589	LAT024 – LAT Config 4 Reinitialization	4/24/06	0%	4/24/06
590	LAT134 – LAT Config 4 LAT/Spacecraft I/F	4/25/06	0%	4/25/06
591	LAT224 – LAT Config 4 Science Ops Demo	4/25/06	0%	4/25/06
592	LAT234 – LAT Config 4 GRB Handling	4/25/06	0%	4/25/06
593	LAT014 – LAT Config 4 Power Off	4/25/06	100%	4/25/06
594	<b>Configuration 5</b>	<b>4/25/06</b>	<b>67%</b>	<b>4/25/06</b>
595	LAT005 – LAT Config 5 Power On	4/25/06	100%	4/25/06
596	LAT225 – LAT Config 5 Science Ops Demo	4/25/06	0%	4/25/06
597	LAT015 – LAT Config 5 Power Off	4/25/06	100%	4/25/06
598	<b>Configuration 6</b>	<b>4/26/06</b>	<b>50%</b>	<b>4/26/06</b>
599	LAT006 – LAT Config 6 Power On	4/26/06	100%	4/26/06
600	LAT026 – LAT Config 6 Reinitialization	4/26/06	0%	4/26/06
601	LAT226 – LAT Config 6 Science Ops Demo	4/26/06	0%	4/26/06
602	LAT016 – LAT Config 6 Power Off	4/26/06	100%	4/26/06
603	<b>X-LAT Plate installation</b>	<b>4/26/06</b>	<b>0%</b>	<b>4/29/06</b>
604	Closeout photos	4/26/06	0%	4/27/06
605	Final internal inspection	4/27/06	0%	4/27/06
606	X-LAT Plate installation	4/27/06	0%	4/28/06
607	Mount X-LAT cable LAT-DS0-05056 to Temp Sensor Bracket	4/28/06	0%	4/28/06
608	Safe to Mate X-LAT Connection JL-123	4/28/06	0%	4/28/06
609	Optical Survey	4/28/06	0%	4/29/06
610	<b>Post X-LAT Baseline</b>	<b>4/28/06</b>	<b>0%</b>	<b>4/30/06</b>
611	LAT001 – LAT Config 1 Power On	4/28/06	0%	4/28/06
612	LAT301 – LAT Config 1 ACD CPT	4/28/06	0%	4/29/06

ID	Task Name	Start	% Complete	Finish
613	LAT401 – LAT Config 1 Calorimeter CPT	4/29/06	0%	4/29/06
614	LAT501 – LAT Config 1 Tracker CPT	4/29/06	0%	4/29/06
615	LAT011 – LAT Config 1 Power Off	4/29/06	0%	4/29/06
616	LAT002 – LAT Config 2 Power On	4/29/06	0%	4/29/06
617	LAT302 – LAT Config 2 ACD CPT	4/29/06	0%	4/30/06
618	LAT402 – LAT Config 2 Calorimeter CPT	4/30/06	0%	4/30/06
619	LAT502 – LAT Config 2 Tracker CPT	4/30/06	0%	4/30/06
620	LAT012 – LAT Config 2 Power Off	4/30/06	0%	4/30/06
621	<b>Pre-Shipment Checklist</b>	<b>4/21/06</b>	<b>0%</b>	<b>4/26/06</b>
622	Radiator isolation check	4/21/06	0%	4/21/06
623	Radiator pull test	4/21/06	0%	4/21/06
624	Figure out how to remove chiller bars with radiators installed on LAT	4/21/06	0%	4/21/06
625	Precision weight the TIP and hardware.	4/21/06	0%	4/21/06
626	Redesign and make new chiller bars	4/25/06	0%	4/25/06
627	Redesign tube routing for chiller bars.	4/25/06	0%	4/25/06
628	Proof load GPR, 4X4 lift fixture and test stand.	4/26/06	0%	4/26/06
629	<b>Pack &amp; Ship to NRL</b>	<b>5/1/06</b>	<b>0%</b>	<b>5/5/06</b>