

ID	Task Name	Start	% Complete	Finish
1	<b>Tower A</b>	<b>11/1/04</b>	<b>27%</b>	<b>2/7/05</b>
19	<b>FM101 Post ship test and receiving test</b>	<b>12/6/04</b>	<b>52%</b>	<b>1/7/05</b>
25	Receive NRL CAL CPT software	1/5/05	0%	1/5/05
26	Validation of SLAC CAL CPT	1/5/05	0%	1/6/05
27	Calorimeter Receiving Test	1/7/05	0%	1/7/05
28	Post test review	1/7/05	0%	1/7/05
29	<b>FM101 Post Test CAL Actions</b>	<b>1/7/05</b>	<b>0%</b>	<b>1/12/05</b>
30	Complete Test Procedure	1/7/05	0%	1/10/05
31	Complete CAL LPT Suite	1/10/05	0%	1/12/05
36	<b>Tracker A post ship test &amp; receiving test</b>	<b>1/3/05</b>	<b>0%</b>	<b>1/28/05</b>
37	<b>TKR-A Post-Ship Test</b>	<b>1/3/05</b>	<b>0%</b>	<b>1/12/05</b>
38	TKR Flex cable BOB/BOC	1/3/05	0%	1/3/05
39	Tracker receiving procedure	1/3/05	0%	1/3/05
40	Tracker test procedure	1/3/05	0%	1/3/05
41	I&T Tracker test stand EGSE	1/3/05	0%	1/3/05
42	Tracker test scripts	1/3/05	0%	1/3/05
43	Bag & purge procedure	1/3/05	0%	1/3/05
44	Tracker receiving inspection	1/5/05	0%	1/5/05
45	Tracker cover & purge	1/6/05	0%	1/6/05
46	Tracker post-ship test	1/6/05	0%	1/11/05
47	Tracker post-ship test review	1/11/05	0%	1/12/05

ID	Task Name	Start	% Complete	Finish
48	TKR-A Metrology Test	1/12/05	0%	1/18/05
49	TKR-A Conductive EMI Test	1/18/05	0%	1/20/05
50	<b>Sell TKR-A to I&amp;T</b>	<b>1/20/05</b>	<b>0%</b>	<b>1/26/05</b>
51	TKR-A pre-handover CPT	1/20/05	0%	1/25/05
52	TKR-A pre-handover review	1/25/05	0%	1/26/05
53	I&T TKR-A Receiving Test	1/26/05	0%	1/28/05
54	<b>Readiness for I&amp;T Tracker CPT</b>	<b>12/10/04</b>	<b>33%</b>	<b>1/6/05</b>
56	Tracker Software Final Validation	1/5/05	0%	1/6/05
57	Revise Tracker Module Test Procedure	1/6/05	0%	1/6/05
58	<b>Readiness for Tracker Integration</b>	<b>12/1/04</b>	<b>0%</b>	<b>1/10/05</b>
59	Tracker Proof Test Approvals	12/17/04	0%	12/17/04
60	Tracker Lift fixture Proof Test	12/17/04	0%	12/17/04
62	Engineering Model Thermal Strap	12/15/04	0%	12/15/04
63	EM Flex Cables & Tooling	12/15/04	50%	<del>12/15/04</del> 1/15/05
64	EM Tracker Installation in Training Bed	12/20/04	0%	12/22/04
65	EM Tracker Thermal Strap installation in training bed	12/23/04	0%	1/3/05
66	EM Flex Cable installation test	1/4/05	0%	<del>1/16/05</del> 1/20/05
67	<b>Readiness TEM/TPS A Integration</b>	<b>12/15/04</b>	<b>20%</b>	<b>1/6/05</b>
68	<b>EM CAL Metrology Bay Test Validation</b>	<b>12/15/04</b>	<b>62%</b>	<b>12/20/04</b>
71	STM TEM/TPS	12/16/04	0%	12/16/04
72	Shim STM TEM/TPS onto EM CAL	12/17/04	0%	12/17/04

ID	Task Name	Start	% Complete	Finish
73	EM CAL Post-Integration CPT	12/20/04	0%	12/20/04
74	<b>Grid Bay TEM/TPS Swap Validation</b>	<b>12/20/04</b>	<b>0%</b>	<b>12/22/04</b>
75	Engineering Review of TEM/TPS Grid Swap	12/20/04	0%	12/23/04
76	Update of LAT-PS-3062 for TEM/TPS Grid Swap	12/21/04	0%	12/23/04
77	Validation of TEM/TPS Grid swap process	12/22/04	0%	12/23/04
78	<b>Validation of <del>New</del> Tool per Rob Black</b>	<b>1/3/05</b>	<b>0%</b>	<b>1/6/05</b>
79	Receipt of new tool per Rob Black	1/3/05	0%	1/3/05
80	Update of LAT-PS-3062 for new tool	1/3/05	0%	1/3/05
81	Validation of procedure using new tool	1/4/05	0%	1/4/05
82	Sign-off of LAT-PS-3062	1/5/05	0%	1/6/05
84	<b>Grid Assembly</b>	<b>11/1/04</b>	<b>29%</b>	<b>1/24/05</b>
89	<b>Grid Box Base Assembly Operations</b>	<b>11/22/04</b>	<b>58%</b>	<b>12/23/04</b>
94	Bond TFHP's	12/8/04	80%	12/23/04
95	Spacecraft Drill Template Fit Check	12/21/04	0%	12/21/04
96	Grid Rework	12/10/04	0%	12/22/04
97	<b>Grid Box Base Assembly Thermal Control System Operations</b>	<del>12/10/04</del>	<b>0%</b>	<b>1/12/05</b>
98	TCS Bonding Procedure Approval	12/10/04	0%	12/10/04
99	Bond RMB Thermistors	12/20/04	0%	12/20/04
100	Bond Grid Heaters (+X)	12/23/04	0%	12/23/04
101	Bond Grid Thermostats (+X)	12/23/04	0%	12/23/04

ID	Task Name	Start	% Complete	Finish
102	Bond Grid Thermistors (+X)	12/23/04	0%	12/23/04
103	Wire heaters and Thermostats (+X)	1/3/05	0%	1/3/05
104	Rotate Grid	1/4/05	0%	1/5/05
105	Bond Grid Heaters (-X)	1/4/05	0%	1/4/05
106	Bond Grid Thermostats (-X)	1/4/05	0%	1/4/05
107	Bond Grid Thermistors (-X)	1/4/05	0%	1/4/05
108	Wire heaters and Thermostats (+X)	1/5/05	0%	1/5/05
109	Bond purge tubes (-X)	1/6/05	0%	1/6/05
110	Bond top flange thermistors & thermocouples	1/7/05	0%	1/7/05
111	Install Purge Groove Caps	1/10/05	0%	1/10/05
112	Bake out	1/11/05	0%	1/12/05
113	<b>Grid Box Base Assy Functional Test</b>	<b>1/13/05</b>	<b>0%</b>	<b>1/14/05</b>
114	Run Continuity and isolation	1/13/05	0%	1/13/05
115	Conformal Coat	1/14/05	0%	1/14/05
116	Install Thermostat covers	1/14/05	0%	1/14/05
117	Sell to I&T	1/18/05	0%	1/19/05
118	<b>Grid Box Base Assy Inspection and Fitcheck</b>	<b>11/1/04</b>	<b>0%</b>	<b>1/24/05</b>
119	Temporary Install EMI skirts	1/18/05	0%	1/18/05
120	Temporary Install/Align DSHP's	1/19/05	0%	1/20/05
121	Fitcheck Connector Panels	1/21/05	0%	1/21/05

ID	Task Name	Start	% Complete	Finish
122	Fitcheck single X-LAT HP	1/21/05	0%	1/21/05
123	Disassemble all parts	1/24/05	0%	1/24/05
124	Clean parts	11/1/04	0%	11/1/04
125	Put Shields into Flight Stores	11/1/04	0%	11/1/04
126	Clean Grid	11/1/04	0%	11/1/04
127	Corner Mount Brackets Installed	12/6/04	0%	12/6/04
128	<b>MGSE Readiness for Grid Installation</b>	<b>12/17/04</b>	<b>0%</b>	<b>12/17/04</b>
129	Flat Rack Storage Installed	12/17/04	0%	12/17/04
130	Grid readiness for tower A I&T	11/1/04	0%	11/1/04
131	<b>Readiness for Single Bay Test</b>	<b>12/15/04</b>	<b>0%</b>	<b>12/23/04</b>
132	<b>EM2 Single Bay Test Prep</b>	<b>12/15/04</b>	<b>0%</b>	<b>12/17/04</b>
133	Muon Telescope ready for EM2	12/17/04	0%	12/ <del>17</del> /04
134	Single Bay Test Stand ready for EM2	12/17/04	0%	12/17/04
135	Trigger Scripts ready for EM2	12/17/04	0%	12/ <del>17</del> /04
136	Trigger Test Procedure ready for EM2	12/17/04	0%	12/ <del>17</del> /04
137	LAT-PS-4512 drafting for EM2	12/15/04	0%	12/17/04
138	<b>EM2 Single Bay Test</b>	<b>12/21/04</b>	<b>0%</b>	<b>12/23/04</b>
139	De-install Mini-Cal from Single Bay	12/21/04	0%	12/21/04
140	Install EM2 Calorimeter into Open Single Bay	12/21/04	0%	12/22/04
141	EM2 Single Bay Test TRR	12/22/04	0%	12/22/04
142	EM2 Single Bay Test Execution	12/22/04	0%	12/23/04

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143	EM2 Single Bay Test Review	12/23/04	0%	12/23/04
144	Sign-off LAT-PS-4512	12/23/04	0%	12/23/04
145	<b>Readiness for Single Bay Data Collection</b>	<b>12/21/04</b>	<b>0%</b>	<b>1/13/05</b>
146	<b>EM2 Single Bay Data Collection Prep</b>	<b>12/21/04</b>	<b>0%</b>	<b>1/6/05</b>
147	LAT-TD-4136 ready for EM2	12/21/04	0%	12/21/04
148	Data collection script writing for EM2	12/21/04	0%	<del>12/22/04</del> 1/7/05
149	LAT-PS-4511 drafting for EM2	12/23/04	0%	1/6/05
150	<b>EM2 Single Bay Data Collection</b>	<b>1/7/05</b>	<b>0%</b>	<b>1/13/05</b>
151	Van De Graaff ready	1/7/05	0%	1/7/05
152	Rad Tech/source ready	1/7/05	0%	1/7/05
153	SVAC Charge Injection Scripts ready	1/7/05	0%	1/7/05
154	SVAC runs database ready	1/7/05	0%	1/7/05
155	SAS pipeline ready	1/7/05	0%	1/7/05
156	EM2 Single Bay data collection TRR	1/7/05	0%	1/7/05
157	EM2 Single bay data collection execution	1/7/05	0%	1/13/05
158	EM2 Single Bay Data Collection Review	1/13/05	0%	1/13/05
159	Sign-Off LAT-PS-4511	1/13/05	0%	1/13/05
160	<b>MGSE</b>	<b>6/8/04</b>	<b>55%</b>	<b>2/23/05</b>
308	<b>Tower-A I&amp;T</b>	<b>1/18/05</b>	<b>0%</b>	<b>4/4/05</b>
309	<b>TEM/TPS-A I&amp;T</b>	<b>1/18/05</b>	<b>0%</b>	<b>1/20/05</b>
310	Install FM101 into Metrology Bay	1/18/05	0%	1/18/05

ID	Task Name	Start	% Complete	Finish	
311	Swap FM101 TEM/TPS for TEM/TPS-A	<del>1/18/05</del>	0%	<del>1/18/05</del>	2/10/05
312	Shim TEM/TPS-A onto FM101	<del>1/19/05</del>	0%	<del>1/19/05</del>	2/10/05
313	FM101 flex cable flight mates to TEM/TPS-A	<del>1/19/05</del>	0%	<del>1/19/05</del>	2/11/05
314	FM101 Post-Integration CAL CPT	<del>1/20/05</del>	0%	<del>1/20/05</del>	2/11/05
315	<b>Tower-A Test Bay I&amp;T</b>	<b>1/28/05</b>	<b>0%</b>	<b>3/1/05</b>	
316	<b>TKR-A installation into test bay</b>	<b>1/28/05</b>	<b>0%</b>	<b>2/1/05</b>	
317	TKR-A crane operation into test bay	1/28/05	0%	1/28/05	
357	<b>Procedures</b>	<b>12/17/04</b>	<b>0%</b>	<b>1/21/05</b>	