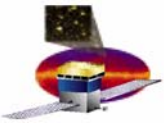


# GLAST Large Area Telescope:

## Tracker, W.B.S 4.1.4

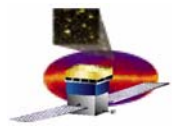
## November Status Meeting

Robert Johnson  
rjohnson@scipp.ucsc.edu



# Tracker Tower Status

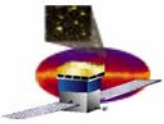
Tower	Assembly	Vibe	T/V	Status
A,B,1-7	✓	✓	✓	Integrated into the Grid.
8	✓	✓	✓	Flight spare, at SLAC. A proposal was made to I&T by the Tracker group to operate it for 4 weeks with 4 different conditions.
9-15	✓	✓	✓	Integrated into the Grid.
16	✓	NA	NA	Non-flight tower. Still in the shipping container at SLAC awaiting manpower to set it up for testing. Once it is mounted, it can be tested in 3 days.



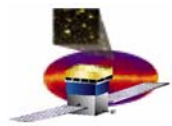
# Cable Qualification

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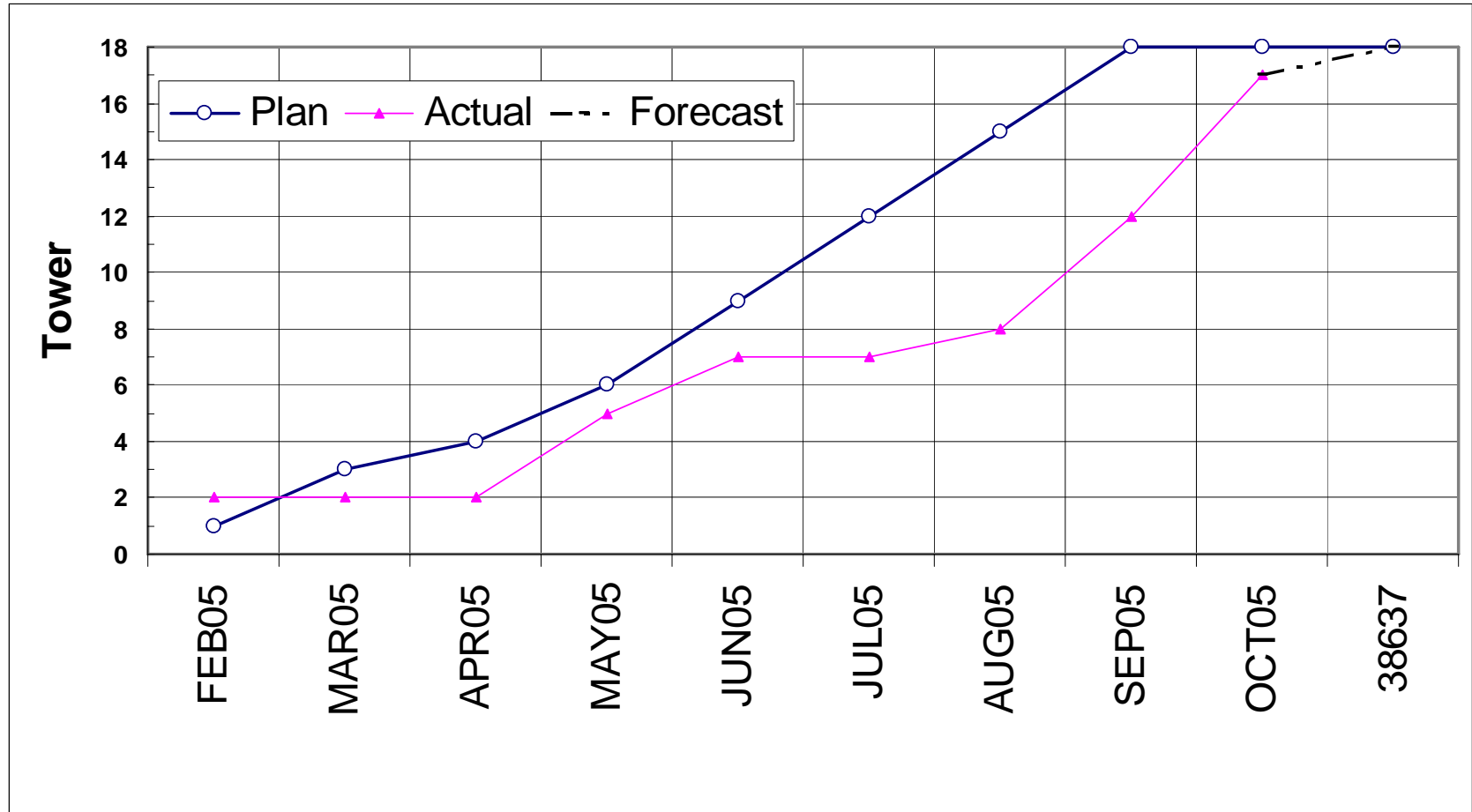
- Tests on Parlex cables are completed at Trace labs.
  - No issues found as far as I last heard.
  - The report is due next Monday, December 5.
- Tests on Pioneer cables are in progress at Trace labs.
  - Visual inspections and continuity tests are done.
  - Bending tests are starting now.
  - The final report is expected January 10.

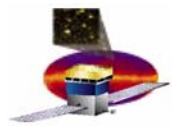


# Cost/Schedule Reports for 4.1.4 Tracker Presentation October 2005 Month End



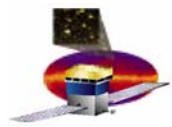
# Level 3 Milestone Count





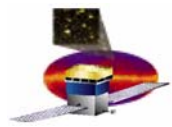
# Level 3 Milestone List

Activity Description	Baseline Finish	-2m Var	-1m Var	Bsln Var	Early Finish	2005												2006					
						FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
<b>4.1.4 Tracker</b>																							
Flight Tracker Tower A RFI	02/04/05	0	0	0	02/04/05A	▼																	
Flight Tracker Tower B RFI	03/02/05	4	4	4	02/24/05A	▼	▼																
Flight Tracker Tower 1 RFI	03/22/05	-35	-35	-35	05/10/05A		▼																
Flight Tracker Tower 2 RFI	04/20/05	-14	-14	-14	05/10/05A			▼															
Flight Tracker Tower 3 RFI	05/03/05	-5	-5	-5	05/10/05A			▼															
Flight Tracker Tower 4 RFI	05/16/05	-17	-17	-17	06/09/05A			▼															
Flight Tracker Tower 5 RFI	06/03/05	-4	-4	-4	06/09/05A				▼														
Flight Tracker Tower 6 RFI	06/16/05	-31	-31	-31	08/01/05A					▼													
Flight Tracker Tower 7 RFI	06/27/05	-57	-57	-57	09/16/05A						▼												
Flight Tracker Tower 8 RFI	07/06/05	-65	-68	-70	10/13/05A							▼											
Flight Tracker Tower 9 RFI	07/15/05	-44	-44	-44	09/16/05A								▼										
Flight Tracker Tower 10 RFI	07/26/05	-42	-46	-46	09/29/05A									▼									
Flight Tracker Tower 11 RFI	08/04/05	-41	-40	-40	09/30/05A										▼								
Flight Tracker Tower 12 RFI	08/15/05	-34	-36	-36	10/05/05A											▼							
Flight Tracker Tower 13 RFI	08/24/05	-29	-31	-31	10/07/05A												▼						
Flight Tracker Tower 14 RFI	09/02/05	-14	-24	-26	10/11/05A												▼						
Flight Tracker Tower 15 RFI	09/13/05	-23	-23	-24	10/17/05A												▼						
Flight Tracker Tower 16 RFI	09/22/05	-18	-29	-27	10/31/05												▼						



# Cost Report

Reporting Category	Cost Incurred/Hours Worked				Estimated Cost/Hours to Complete			Estimated Final Cost/Hours		Unfilled Orders Outstanding
	During Month		Cum. to Date		Detail		Balance of Contract	Contractor Estimate	Contract Value	
	Actual	Planned	Actual	Planned	NOV05	DEC05				
4.1.4 TRACKER										
4.1.4.1 TRACKER MANAGEMENT	19	55	4,089	3,954	54	2	-34	4,112	4,112	
4.1.4.2 RELIABILITY & QUALITY ASSURANCE	0	0	4	0	0	0	-4	0	0	
4.1.4.3 TRAY SUB-ASSEMBLY	151	0	13,141	13,499	0	0	358	13,499	13,499	
4.1.4.4 TOWER STRUCTURE & ASSEMBLY	48	0	3,745	4,284	0	0	539	4,284	4,284	
4.1.4.5 TRACKER TEST & CALIBRATION	0	0	215	268	0	0	53	268	268	
4.1.4.7 INSTRUMENT INTEGRATION & TEST (SLAC)	0	0	59	99	0	0	40	99	99	
4.1.4.8 MISSION INTEGRATION & TEST SUPPORT	0	0	0	0	0	2	66	68	68	
<b>CAPW[3]Totals:</b>	<b>218</b>	<b>55</b>	<b>21,253</b>	<b>22,103</b>	<b>54</b>	<b>4</b>	<b>1,018</b>	<b>22,330</b>	<b>22,330</b>	

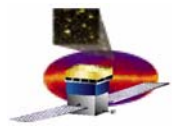


# TKR Closeout Activities

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- Outstanding commitments:
  - Pioneer Circuits qualification testing
  - Pioneer Circuits spare cables
  - Work is in progress to find out what invoices from other vendors still remain to be received or paid.
    - Parlex is still owed only \$8.7k.
    - The Omnetics orders and invoices are complete.
- Closing out ongoing activities:
  - UCSC efforts have been in the Tracker and in science analysis software. The Tracker hardware portion is completed, other than some ongoing support, but the group is concentrating more manpower now on science analysis software.
  - Stellar Aerospace manpower will be moving to Systems Engineering.
- Zeroing out cost variances and closing charge numbers. Work in progress.





# FTE Report (DOE/NASA-funded only)

