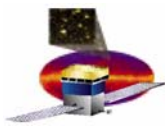


LAT Cost/Schedule Status Overview

August 2003

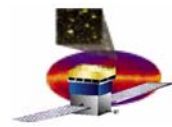
Tanya Boysen
LAT Project Controls Manager

CPR Level 3



 Total project schedule variance
 Cumulative Variance > +/-10% (will be reported to DOE/NASA)
 Notable current period variances

Cost Performance Report - Work Breakdown Structure													
Contractor:					Contract Type/No:			Project Name/No:		Report Period:			
Location:								GLAST LAT Project		7/31/03		8/31/03	
CAPW[3]	Current Period					Cumulative to Date					At Completion		
	Budgeted Cost		Actual Cost Work Performed	Variance		Budgeted Cost		Actual Cost Work Performed	Variance		Budgeted	Latest Revised Estimate	Variance
	Work Scheduled	Work Performed		Schedule	Cost	Work Scheduled	Work Performed		Schedule	Cost			
Item	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
4.1.1 INSTRUMENT MANAGEMENT	341	341	301	0	40	8,895	8,895	8,954	0	-60	15,357	15,357	0
4.1.2 SYSTEM ENGINEERING	166	166	90	0	76	3,939	3,939	3,645	0	293	6,453	6,453	0
4.1.4 TRACKER	197	122	216	-74	-94	9,178	8,570	8,917	-608	-347	10,722	10,722	0
4.1.5 CALORIMETER	345	217	416	-127	-198	10,623	9,384	9,643	-1,239	-259	17,830	17,830	0
4.1.6 ANTICOINCIDENCE DETECTOR	400	258	43	-142	215	8,896	7,476	8,621	-1,420	-1,145	12,025	12,025	0
4.1.7 ELECTRONICS	379	332	385	-47	-53	6,630	6,647	7,245	17	-598	16,672	16,672	0
4.1.8 MECHANICAL SYSTEMS	355	338	428	-17	-90	6,462	5,638	5,452	-823	186	10,373	10,373	0
4.1.9 INTEGRATION & TEST	278	172	169	-106	2	2,459	2,277	2,236	-182	41	6,588	6,588	0
4.1.A PERFORMANCE AND SAFETY ASSURANCE	55	55	-12	0	68	1,004	1,004	788	0	216	1,607	1,607	0
4.1.B LAT INSTRUMENT OPERATIONS CENTER	31	11	0	-20	11	703	587	263	-116	324	2,512	2,512	0
4.1.C EDUCATION AND PUBLIC OUTREACH	45	29	66	-16	-37	1,064	999	952	-65	46	2,684	2,684	0
4.1.D SCIENCE ANALYSIS SOFTWARE	70	78	65	8	13	1,646	1,613	1,389	-34	224	3,595	3,595	0
4.1.E SUBORBITAL FLIGHT TEST	0	0	0	0	0	1,321	1,321	1,325	0	-4	1,321	1,321	0
Gen. and Admin.	0	0	0	0	0	0	0	0	0	0	0	0	0
Undist. Budget											0	0	0
Sub Total	2,663	2,120	2,165	-543	-46	62,818	58,348	59,429	-4,469	-1,081	107,737	107,737	0
Contingency											13,783	13,783	0
Total	2,663	2,120	2,165	-543	-46	62,818	58,348	59,429	-4,469	-1,081	121,520	121,520	0



Performance Analysis

	WBS	BAC	BCWS	BCWP	ACWP	SV \$	CV \$	% BCWS	% BCWP	% ACWP	SPI Trend	CPI Trend	SPI	CPI	Cpi_Fcst	CpiSpi_Fcst
1	4.1	107,737	62,818	58,348	59,429	-4,469	-1,081	58.31	54.16	55.16	↔	↔	0.929	0.982	109,733	113,586
2	4.1.1	15,357	8,895	8,895	8,954	0	-60	57.92	57.92	58.31	↔	↑	1.000	0.993	15,459	15,459
3	4.1.2	6,453	3,939	3,939	3,645	0	293	61.04	61.04	56.49	↔	↑	1.000	1.080	5,972	5,972
4	4.1.4	10,722	9,178	8,570	8,917	-608	-347	85.59	79.93	83.16	↓	↓	0.934	0.961	11,156	11,315
5	4.1.5	17,830	10,623	9,384	9,643	-1,239	-259	59.58	52.63	54.08	↔	↓	0.883	0.973	18,322	19,468
6	4.1.6	12,025	8,896	7,476	8,621	-1,420	-1,145	73.98	62.17	71.69	↔	↑	0.840	0.867	13,867	14,863
7	4.1.7	16,672	6,630	6,647	7,245	17	-598	39.77	39.87	43.46	↓	↔	1.003	0.918	18,170	18,143
8	4.1.8	10,373	6,462	5,638	5,452	-823	186	62.29	54.36	52.56	↔	↓	0.873	1.034	10,030	10,698
9	4.1.9	6,588	2,459	2,277	2,236	-182	41	37.33	34.57	33.94	↓	↔	0.926	1.018	6,469	6,807
10	4.1.A	1,607	1,004	1,004	788	0	216	62.46	62.46	48.99	↔	↑	1.000	1.275	1,261	1,261
11	4.1.B	2,512	703	587	263	-116	324	27.97	23.37	10.48	↓	↔	0.836	2.229	1,127	1,297
12	4.1.C	2,684	1,064	999	952	-65	46	39.63	37.21	35.48	↓	↓	0.939	1.049	2,559	2,663
13	4.1.D	3,595	1,646	1,613	1,389	-34	224	45.78	44.85	38.62	↑	↔	0.980	1.161	3,096	3,132
14	4.1.E	1,321	1,321	1,321	1,325	0	-4	100.00	100.00	100.29	↔	↔	1.000	0.997	1,325	1,325

LEGEND

BAC: Budget At Complete

BCWS: Budgeted Cost of Work Scheduled (to date)

BCWP: Budgeted Cost of Work Performed (to date)

ACWP: Actual Cost of Work Performed (to date)

SV \$: Schedule Variance = BCWP - BCWS

CV \$: Cost Variance = BCWP - ACWP

SPI: Schedule Performance Index = BCWP/BCWS

CPI: Cost Performance Index = BCWP/ACWP

% BCWS: Percent Scheduled = BCWS/BAC

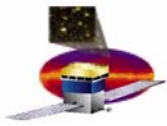
% BCWP: Percent Complete = BCWP/BAC

% ACWP: Percent Spent = ACWP/BAC

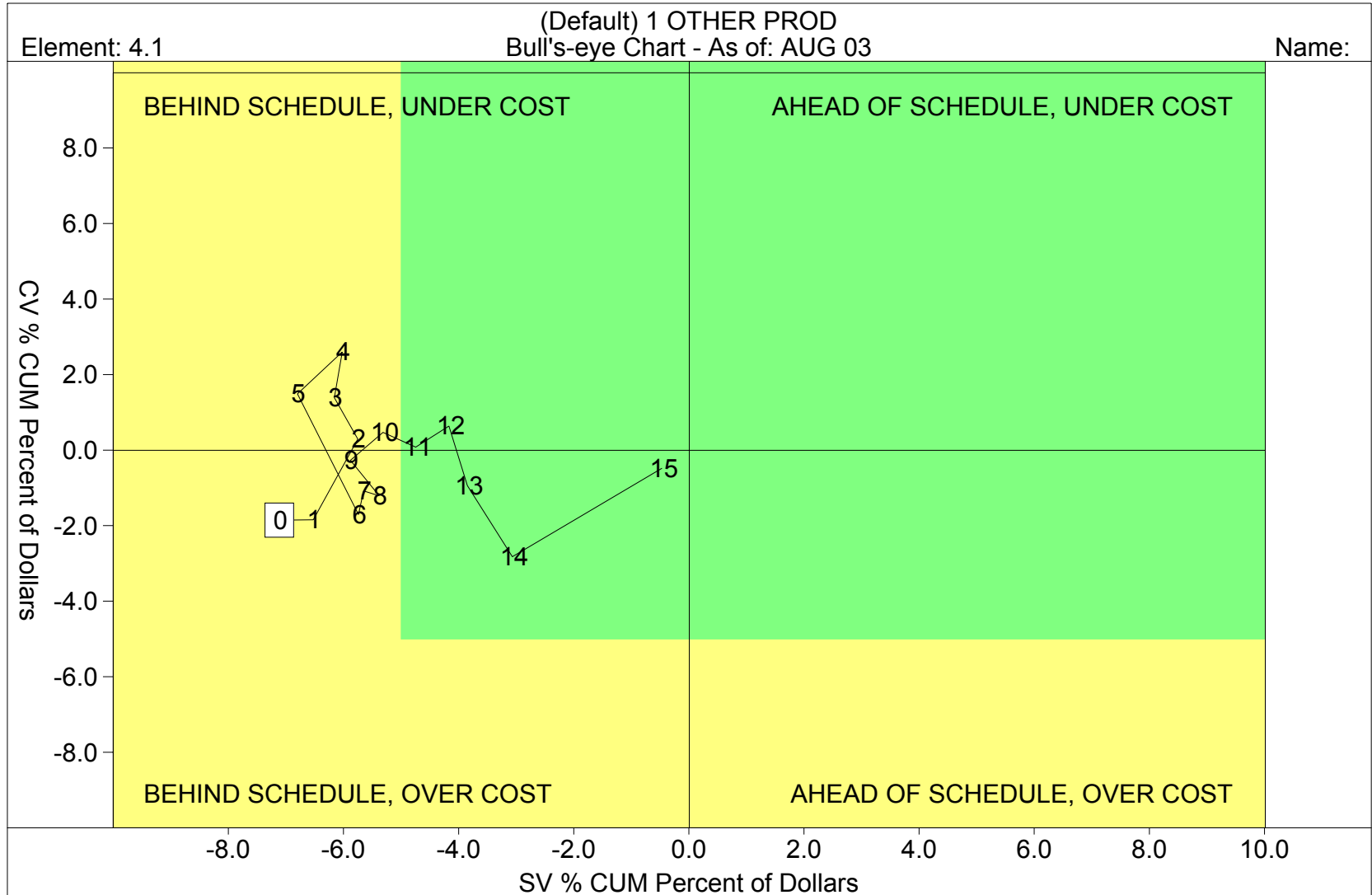
Cpi_Fcst: CPI (to date) EAC Forecast = BAC / CPI

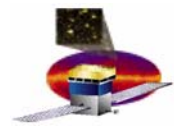
CpiSpi_Fcst: Combination CPI and SPI EAC Forecast = ACWP + (BAC - BCWP) / (CPI * SPI)

CPI and SPI Change Thresholds			
	Worse than 0.85		Between 0.95 and 1.10
	Between 0.85 and 0.95		Better than 1.10

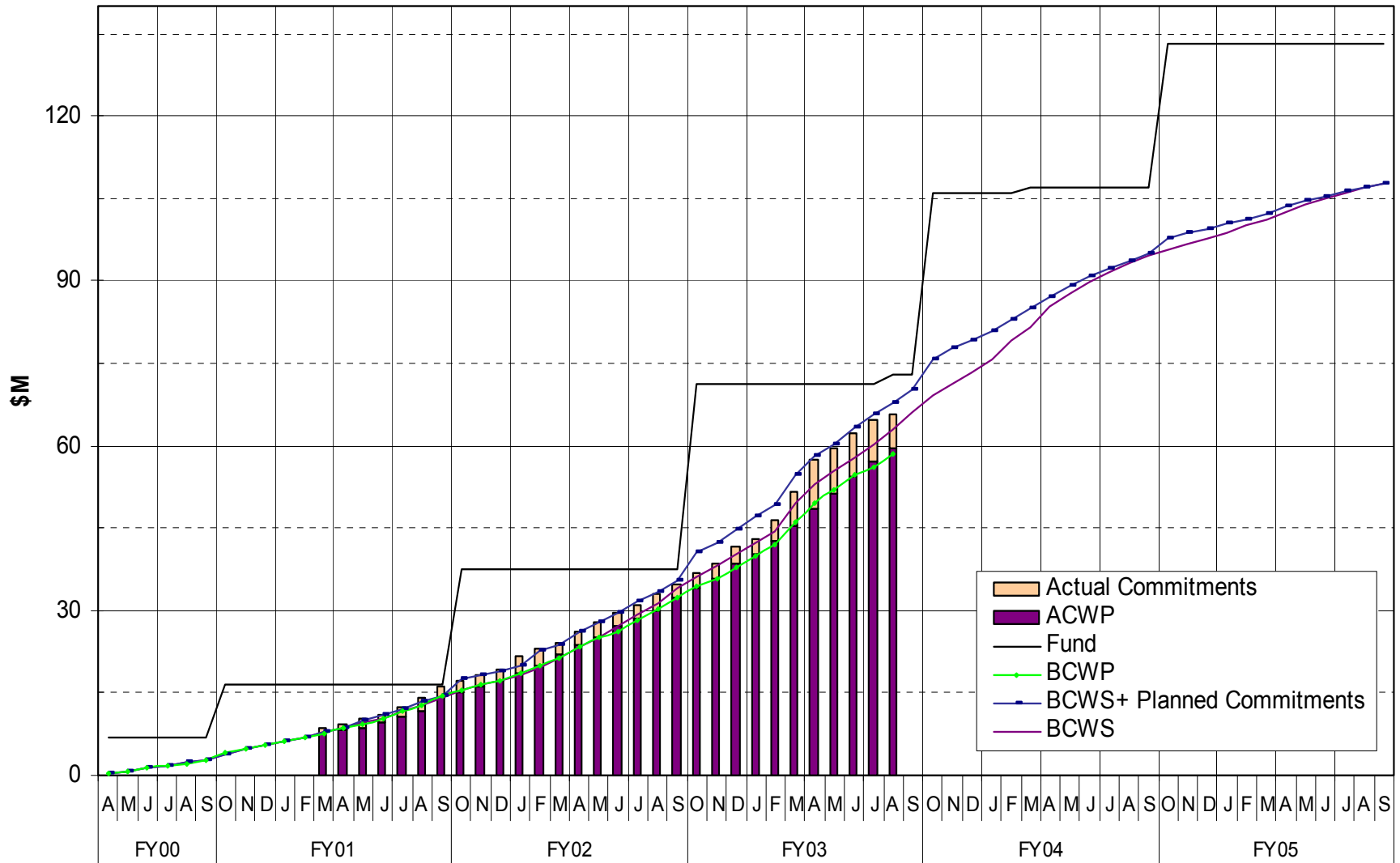


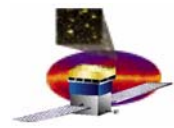
Variance Analysis



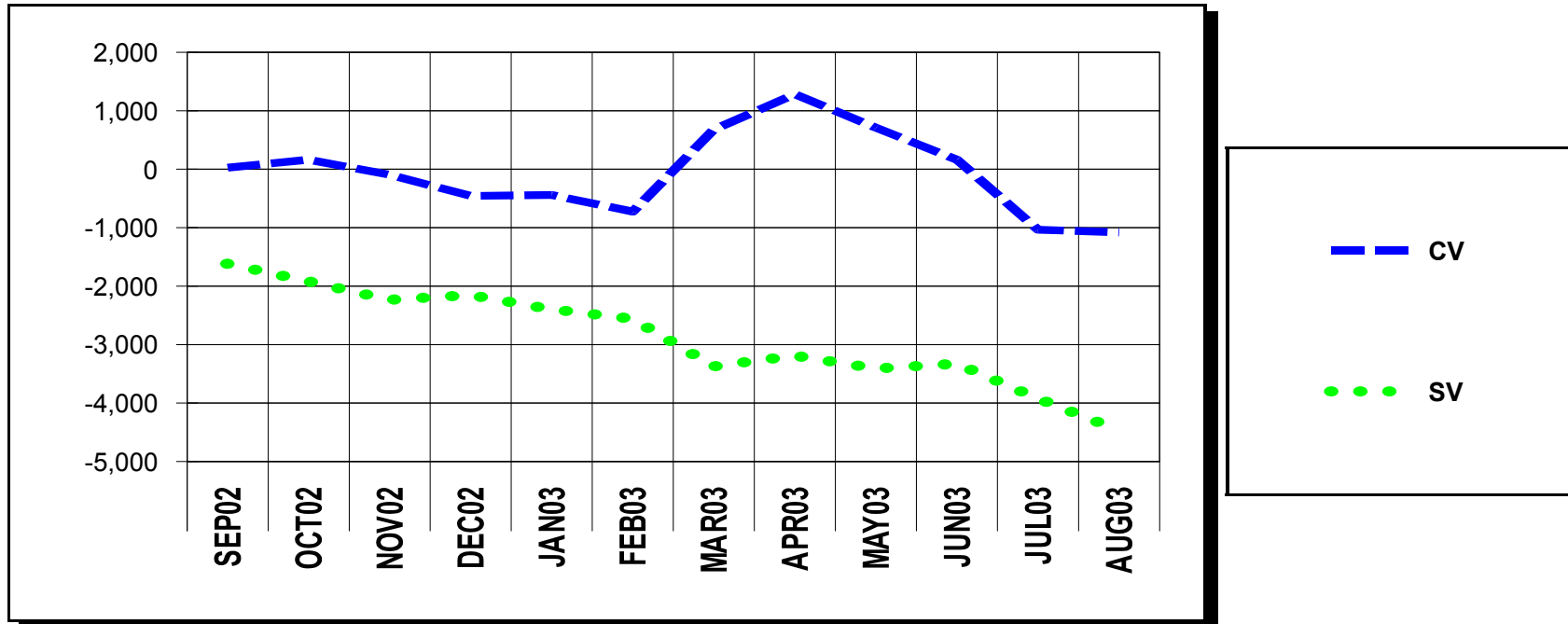


Budget, Cost, Funding, Performance

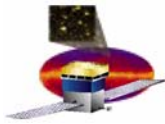




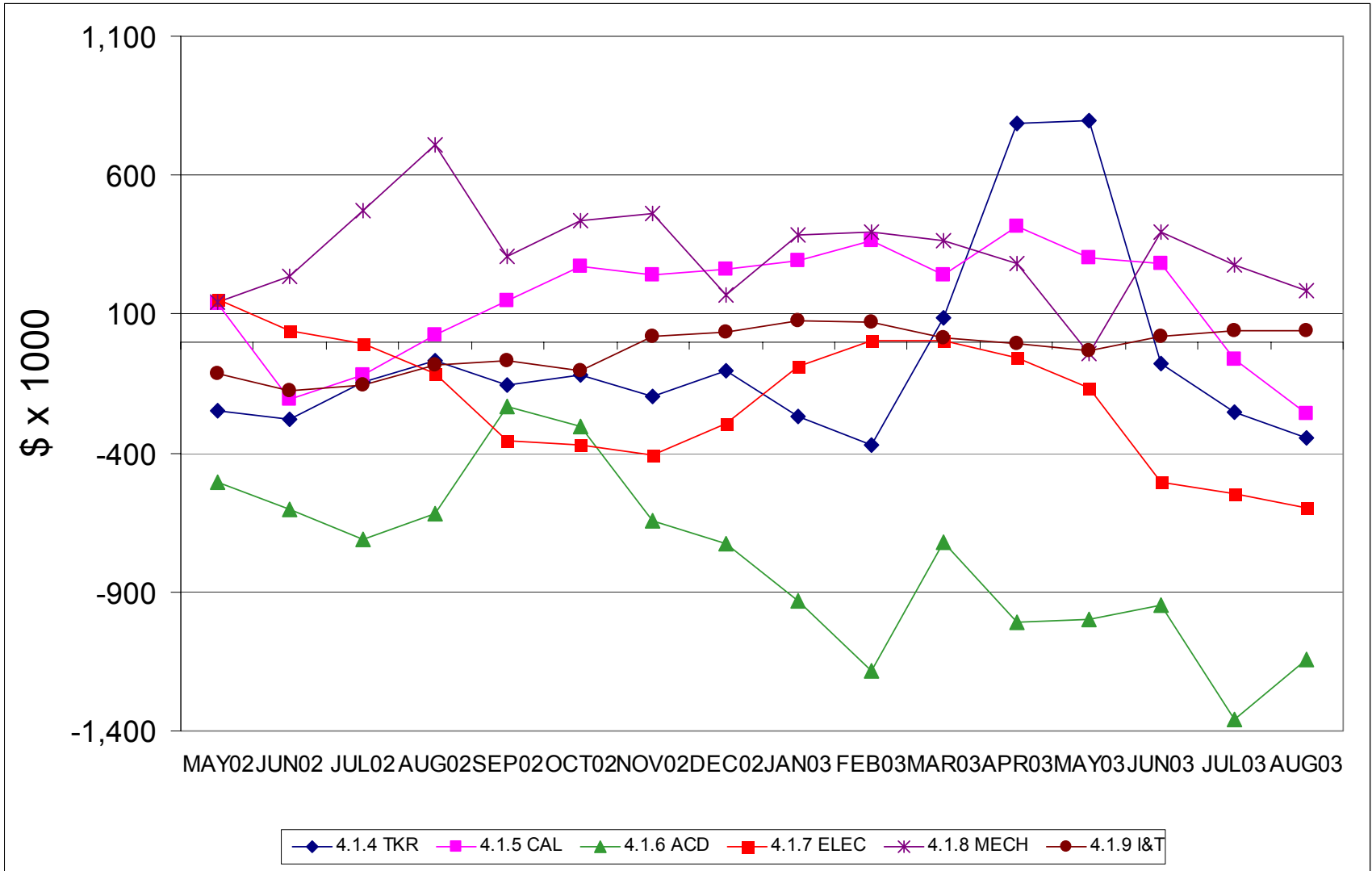
CV and SV Chart

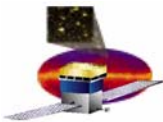


	SEP02	OCT02	NOV02	DEC02	JAN03	FEB03	MAR03	APR03	MAY03	JUN03	JUL03	AUG03
BCWS	34,115	36,156	38,062	40,084	42,282	44,453	49,491	52,819	55,249	57,895	60,155	62,818
BCWP	32,495	34,234	35,824	37,927	39,881	41,890	46,114	49,627	51,835	54,564	56,229	58,348
ACWP	32,468	34,071	35,918	38,384	40,322	42,615	45,435	48,344	51,125	54,402	57,264	59,429
CV	27	163	-95	-457	-441	-725	679	1,283	710	162	-1,035	-1,081
SV	-1,620	-1,922	-2,238	-2,157	-2,400	-2,563	-3,377	-3,192	-3,414	-3,331	-3,926	-4,469



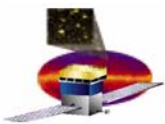
CV Chart (Major Subsystems)





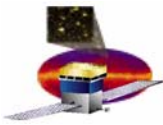
Key Level 3 Milestones

Activity Description	FY03												FY04												FY05														
	O	D	J	F	M	A	M	A	M	J	J	A	S	O	C	N	D	E	J	F	M	A	M	J	J	A	S	O	C	N	D	E	J	F	M	A			
4.1.4 Tracker																	Baseline L3 Milestone																						
Delv of TKR EM to SLAC I&T/MGSE	▼																																						
Tracker Modules A & B RFI (for Calibration)																					▼			△															
Tracker Modules 1 & 2 RFI (for Calibration)																						▼			△														
Flight Tracker Tower 3, 4 RFI																								▼			△												
Flight Tracker Tower 5, 6 RFI																									▼			△											
Flight Tracker Tower 7, 8 RFI																									▼			△											
Flight Tracker Tower 9, 10 RFI																										▼			△										
Flight Tracker Tower 11, 12 RFI																										▼			△										
Flight Tracker Tower 13, 14 RFI																										▼			△										
Flight Tracker Tower 15, 16 RFI																											▼			△									
4.1.5 Calorimeter																																							
EM from CAL to I&T																										▼			▲										
Calorimeter Modules A & B RFI (for Calibration)																																							
Calorimeter Modules 1 & 2 RFI (for Calibration)																																							
Flight Calorimeter Tower 3, 4 RFI																																							
Flight Calorimeter Tower 5, 6 RFI																																							
Flight Calorimeter Tower 7, 8 RFI																																							
Flight Calorimeter Tower 9, 10 RFI																																							
Flight Calorimeter Tower 11, 12 RFI																																							
Flight Calorimeter Tower 13, 14 RFI																																							
Flight Calorimeter Tower 15, 16 RFI																																							



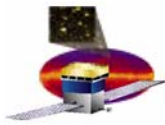
Key Level 3 Milestones

Activity Description	FY03			FY04			FY05								
	O	D	J	F	M	A	J	J	A	S	O	N	D	J	F
4.1.6 ACD															
ACD Calibration Test Unit at SLAC, Tested & RFI									△						
ACD Flight Unit at SLAC, Tested/Inspected & RFI													△		
4.1.7 Electronics															
CU IPS - ELX to I&T/Online						▲									
CU S/C Simulator - ELX to I&T Online									△						
EGSE Calibration Unit Release-Elec to I&T										△					
EM2 TEM Assy A,B-Elec to I&T									△						
EM2 TEM PS Assy A,B-Elec to I&T										△					
Flt S/C Simulator - ELX to I&T															△
Flight TEM Assy 1,2-Elec to I&T															△
Flight TEM PS Assy 1,2-Elec to I&T															△
EGSE Flight Unit Release-Elec to I&T															△
Flight TEM Assy 3,4-Elec to I&T															△
Flight TEM PS Assy 3,4-Elec to I&T															△
Flight TEM Assy 5,6-Elec to I&T															△
Flight TEM PS Assy 5,6-Elec to I&T															△
Flight TEM Assy 7,8-Elec to I&T															△
Flight TEM PS Assy 7,8-Elec to I&T															△
Flight TEM Assy 9,10-Elec to I&T															△
Flight TEM PS Assy 9, 10-Elec to I&T															△
Flight TEM Assy 11, 12-Elec to I&T															△
Flight TEM PS Assy 11, 12-Elec to I&T															△



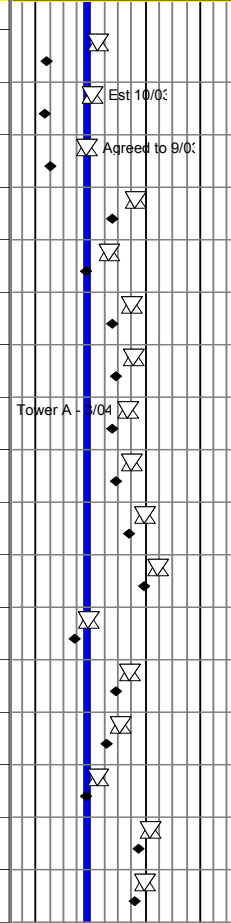
Key Level 3 Milestones

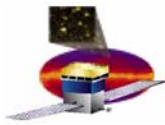
Activity Description	FY03												FY04												FY05											
	O	D	J	F	M	A	A	M	J	J	A	S	O	D	J	F	M	A	A	M	J	J	A	S	O	D	J	F	M	A	A	M	J	J	A	S
4.1.7 Electronics																																				
Flight TEM Assy 13, 14-Elec to I&T																						▲														
Flight TEM PS Assy 13,14-Elec to I&T																																▲				
Flight Harness-Elec to I&T																																▲				
Flight Event Processor Units-Elec to I&T																																	▲			
Flight ACD Elec Module-Elec to I&T																																	▲			
Flight SIU-Elec to I&T																																	▲			
Flight TEM Assy 15, 16-Elec to I&T																																	▲			
Flight TEM PS Assy 15,16-Elec to I&T																																	▲			
4.1.8 Mechanical																																				
Delivery of EM (1X4) Grid to I&T/MSGE	▼																																▲			
Flight Grid RFI-Mech to I&T																																▼	▲			
X-LAT Thermal Plate RFI from Mech to I&T																																	▲			
Radiators ready for I&T (from Mech to I&T)																																	▲			
4.1.9 I&T																																				
Flight Tracker Tower 1, 2 RFI from I&T to I&T																																	▲			
Flight Calorimeter Tower 1,2 RFI from I&T to I&T																																	▲			



AV: Sort by Float to Level 3

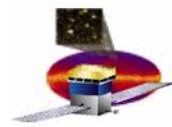
AV	Activity ID	ND	Activity Description	AV: Early Finish	Float -2m	Float -1m	Float Change	Float	Baseline Finish	Early Finish	FY03 FY04 FY05			
Instrument Project Office (Level 3)														
4	1M1001430	9	Delv of TKR EM to SLAC I&T/MGSE	11/14/03	-164	-173	-59	-232	12/09/02*	11/14/03*				
8	1M1001380	9	Delivery of EM (1X4) Grid to I&T/MSGE	10/01/03	-171	-205	0	-205	12/02/02*	10/01/03*				
7	1M1001390	9	GEM h/w driver, final ver-ELX to I&T/Online	09/02/03	-143	-165	0	-165	01/07/03	09/02/03				
7	1M19500540	9	Flt S/C Simulator - ELX to I&T	07/22/04	26	4	-106	-102	02/27/04*	07/22/04*				
7	1M19500400	9	CU S/C Simulator - ELX to I&T Online	02/02/04	28	6	-106	-100	08/29/03*	02/02/04*				
5	1M1000210	9	Calorimeter Modules A & B RFI (for Calibration)	06/21/04	-39	-57	-31	-88	02/17/04*	06/21/04*				
5	1M1000230	9	Calorimeter Modules 1 & 2 RFI (for Calibration)	07/06/04	-32	-48	-31	-79	03/15/04*	07/06/04*				
4	1M1000200	9	Tracker Modules A & B RFI (for Calibration)	05/28/04	1	-73	0	-73	02/17/04*	05/28/04*				
4	1M1000220	9	Tracker Modules 1 & 2 RFI (for Calibration)	06/25/04	4	-73	0	-73	03/15/04*	06/25/04*				
7	1M7940920	9	Flight TEM PS Assy 3,4-Elec to I&T	09/23/04	-12	-55	-15	-70	06/15/04*	09/23/04*				
7	1M7941080	9	Flight SIU-Elec to I&T	12/22/04	5	-2	-63	-65	09/20/04*	12/22/04*				
7	1M7941150	9	EGSE EM2 Release-Elec to I&T	09/15/03	-65	-65	0	-65	06/12/03*	09/15/03*				
7	1M7941060	9	Flight TEM PS Assy 1,2-Elec to I&T	06/10/04	-19	-62	0	-62	03/15/04*	06/10/04*				
7	1M7941160	9	EGSE Calibration Unit Release-Elec to I&T	04/12/04	-17	-33	-28	-61	01/14/04	04/12/04				
7	1M75000000	5	(6) EM2 TEM-from Elec to CAL	11/17/03	20	-36	-23	-59	08/25/03	11/17/03				
4	1M1000280	9	Flight Tracker Tower 9, 10 RFI	10/29/04	31	-55	0	-55	08/12/04*	10/29/04*				
7	1M7940940	9	Flight TEM PS Assy 5,6-Elec to I&T	09/23/04	9	-34	-15	-49	07/15/04*	09/23/04*				





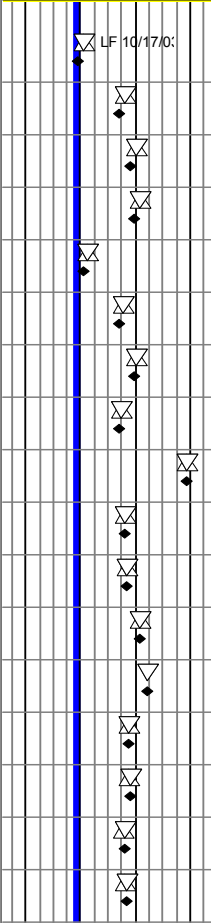
AV: Sort by Float to Level 3 [cont.]

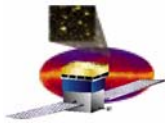
AV	Activity ID	ND	Activity Description	AV: Early Finish	Float -2m	Float -1m	Float Change	Float	Baseline Finish	Early Finish	FY03 FY04 FY05		
Instrument Project Office (Level 3)													
4	1M1000270	9	Flight Tracker Tower 7, 8 RFI	10/01/04	41	-45	0	-45	07/29/04*	10/01/04*			
7	1M7940960	9	Flight TEM PS Assy 7,8-Elec to	09/30/04	14	-29	-15	-44	07/29/04*	09/30/04*			
4	1M1000310	9	Flight Tracker Tower 15, 16 RFI	11/24/04	10	-43	0	-43	09/24/04*	11/24/04*			
4	1M1000910	7	(36) MCM's for EM2 from Tracker	09/15/03	-3	-40	0	-40	07/18/03	09/15/03			
7	1M7940980	9	Flight TEM PS Assy 9, 10-Elec to	10/07/04	19	-24	-15	-39	08/12/04*	10/07/04*			
7	1M7941070	9	Flight ICM/GLT-Elec to I&T	11/12/04	10	-6	-33	-39	09/20/04*	11/12/04*			
7	1M7941100	9	Flight ACD Elec Module-Elec to	11/12/04	10	-6	-33	-39	09/20/04*	11/12/04*			
4	1M1000260	9	Flight Tracker Tower 5, 6 RFI	09/03/04	49	-36	0	-36	07/15/04*	09/03/04*			
D	1M1001690	9	LAT Monte Carlo simulation by	01/07/05	297	297	-333	-36	11/08/04*	01/07/05*			
7	1M7941050	9	Flight TEM Assy 1,2-Elec to I&T	05/04/04	-16	-23	-13	-36	03/15/04*	05/04/04*			
7	1M7941090	9	Flight Event Processor Units-Elec	11/09/04	6	6	-42	-36	09/20/04*	11/09/04*			
4	1M1000300	9	Flight Tracker Tower 13, 14 RFI	10/28/04	9	-34	0	-34	09/10/04*	10/28/04*			
7	1M7941000	9	Flight TEM PS Assy 11, 12-Elec to	10/14/04	24	-19	-15	-34	08/26/04*	10/14/04*			
7	1M7941170	9	EGSE Flight Unit Release-Elec to	07/07/04	11	-5	-28	-33	05/19/04*	07/07/04*			
9	1M1001740	B	Online FU S/W Final Release-I&T	08/01/05	4	-1	-28	-29	06/20/05*	08/01/05*			
7	1M7941020	9	Flight TEM PS Assy 13,14-Elec to	10/21/04	29	-14	-15	-29	09/10/04*	10/21/04*			
4	1M1000250	9	Flight Tracker Tower 3, 4 RFI	07/23/04	50	-27	0	-27	06/15/04*	07/23/04*			



AV: Sort by Float to Level 3 [cont.]

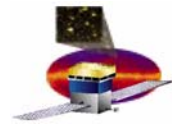
AV	Activity ID	ND	Activity Description	AV: Early Finish	Float -2m	Float -1m	Float Change	Float	Baseline Finish	Early Finish	FY03 FY04 FY05		
Instrument Project Office (Level 3)													
9	1M1001520	5	EM CAL Returned to NRL (arrives on dock)	10/15/03	-40	-29	2	-27	09/08/03*	10/15/03			
8	1M1000240	9	Flight Grid RFI-Mech to I&T	07/21/04	57	-25	0	-25	06/15/04*	07/21/04*			
4	1M1000290	9	Flight Tracker Tower 11, 12 RFI	09/30/04	23	-24	0	-24	08/26/04*	09/30/04*			
7	1M7941040	9	Flight TEM PS Assy 15,16-Elec to I&T	10/28/04	34	-9	-15	-24	09/24/04*	10/28/04*			
7	1M1000920	4	EM2 TEM for Qual Towers A,B from Elec to Tracker	11/17/03	57	1	-23	-22	10/16/03*	11/17/03*			
5	1M1000400	9	Flight Calorimeter Tower 3, 4 RFI	07/14/04	29	11	-31	-20	06/15/04*	07/14/04*			
7	1M7941110	9	Flight Harness-Elec to I&T	10/01/04	11	4	-13	-9	09/20/04*	10/01/04*			
7	1M7940910	9	Flight TEM Assy 3,4-Elec to I&T	06/23/04	19	12	-18	-6	06/15/04*	06/23/04*			
9	1M1000130	2	LAT Ready to Ship	09/09/05	29	2	-7	-5	09/01/05*	09/09/05*			
5	1M1000390	9	Flight Calorimeter Tower 5, 6 RFI	07/22/04	42	25	-30	-5	07/15/04*	07/22/04*			
5	1M1000380	9	Flight Calorimeter Tower 7, 8 RFI	08/03/04	45	28	-31	-3	07/29/04*	08/03/04*			
8	1M941710	9	X-LAT Thermal Plate RFI from Mech to I&T	10/29/04	40	18	-21	-3	10/26/04*	10/29/04*			
B	1M1000112	B	Mission Operations Review (L-21mo.)		0	0	0	0	12/15/04*	12/15/04*			
5	1M1000370	9	Flight Calorimeter Tower 9, 10 RFI	08/10/04	48	30	-28	2	08/12/04*	08/12/04*			
5	1M1000360	9	Flight Calorimeter Tower 11, 12 RFI	08/20/04	40	30	-26	4	08/26/04*	08/26/04*			
7	1M7940930	9	Flight TEM Assy 5,6-Elec to I&T	07/08/04	35	28	-23	5	07/15/04*	07/15/04*			
7	1M7940950	9	Flight TEM Assy 7,8-Elec to I&T	07/22/04	40	33	-28	5	07/29/04*	07/29/04*			





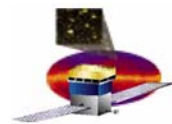
AV: Sort by Float to Level 3 [cont.]

AV	Activity ID	ND	Activity Description	AV: Early Finish	Float -2m	Float -1m	Float Change	Float	Baseline Finish	Early Finish	FY03 FY04 FY05			
Instrument Project Office (Level 3)														
7	1M7940970	9	Flight TEM Assy 9,10-Elec to I&T	08/05/04	45	38	-33	5	08/12/04*	08/12/04*				
7	1M7940990	9	Flight TEM Assy 11, 12-Elec to I&T	08/19/04	50	43	-38	5	08/26/04*	08/26/04*				
7	1M7941010	9	Flight TEM Assy 13, 14-Elec to I&T	09/02/04	55	48	-43	5	09/10/04*	09/10/04*				
7	1M7941030	9	Flight TEM Assy 15, 16-Elec to I&T	09/17/04	60	53	-48	5	09/24/04*	09/24/04*				
6	1M1000410	9	ACD Flight Unit at SLAC,	10/15/04	6	6	0	6	10/25/04*	10/25/04*				
5	1M1000350	9	Flight Calorimeter Tower 13, 14	08/31/04	31	26	-19	7	09/10/04*	09/10/04*				
5	1M1000340	9	Flight Calorimeter Tower 15, 16	09/14/04	23	22	-14	8	09/24/04*	09/24/04*				
6	1M1000990	9	ACD Calibration Test Unit at	02/02/04	10	10	0	10	02/17/04*	02/17/04*				
1	1M1001100		Deliver Updated Models	09/14/05	47	18	-6	12	09/30/05*	09/30/05*				
7	1M7941130	9	EM2 TEM PS Assy A,B-Elec to	01/22/04	80	37	-20	17	02/17/04*	02/17/04*				
8	1M941720	9	Radiators ready for I&T (from	01/20/05	62	40	-21	19	02/16/05*	02/16/05*				
7	1M7941120	9	EM2 TEM Assy A,B-Elec to I&T	01/12/04	103	47	-23	24	02/17/04*	02/17/04*				
9	1M1000320	9	Flight Tracker Tower 1, 2 RFI from	08/25/04	31	31	0	31	10/08/04*	10/08/04*				
9	1M1000330	9	Flight Calorimeter Tower 1,2 RFI	08/25/04	31	31	0	31	10/08/04*	10/08/04*				
6	1M1001000	9	ACD Test Scripts (from ACD to	06/11/04	35	35	0	35	08/02/04*	08/02/04*				
B	1M005480	B	IOC CDR	12/15/03	-38	16	21	37	02/17/04*	02/17/04*				
7	1M19500520	9	FU IPS - ELX to I&T/Online	04/01/04	63	63	0	63	06/30/04*	06/30/04*				
Run Date				09/18/03 09:07	GLAST LAT PROJECT				LT-T5: AV: Sort by Float to Level 3(tb)				Sheet 4	
Data Date				09/01/03	Level 3 Milestones				FL-T4: Level 3 Milestones (tb)					
© Primavera Systems, Inc.					Sort by Float									



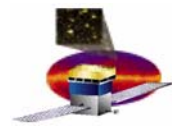
AV: Sort by Float to Level 3 [cont.]

AV	Activity ID	ND	Activity Description	AV: Early Finish	Float -2m	Float -1m	Float Change	Float	Baseline Finish	Early Finish	FY03	FY04	FY05
Instrument Project Office (Level 3)													
D	1M1001620	9	LAT Calibr algorithms & Doc- SAS to I&T SVAC	10/01/03	259	250	-37	213	08/12/04*	08/12/04*			
Run Date		09/18/03 09:07		GLAST LAT PROJECT Level 3 Milestones Sort by Float					LT-T5: AV: Sort by Float to Level 3(tb)			Sheet 5	
Data Date		09/01/03							FL-T4: Level 3 Milestones (tb)				
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AV: Sort by Float Change to Level 3

AV	Activity ID	ND	Activity Description	AV: Early Finish	Float -2m	Float -1m	Float Change	Float	Baseline Finish	Early Finish	FY03 FY04 FY05		
Instrument Project Office (Level 3)													
D	1M1001690	9	LAT Monte Carlo simulation by SAS to I&T SVAC	01/07/05	297	297	-333	-36	11/08/04*	01/07/05*			
7	1M19500540	9	Flt S/C Simulator - ELX to I&T	07/22/04	26	4	-106	-102	02/27/04*	07/22/04*			
7	1M19500400	9	CU S/C Simulator - ELX to I&T Online	02/02/04	28	6	-106	-100	08/29/03*	02/02/04*			
7	1M7941080	9	Flight SIU-Elec to I&T	12/22/04	5	-2	-63	-65	09/20/04*	12/22/04*			
4	1M1001430	9	Delv of TKR EM to SLAC I&T/MGSE	11/14/03	-164	-173	-59	-232	12/09/02*	11/14/03*			
7	1M7941030	9	Flight TEM Assy 15, 16-Elec to I&T	09/17/04	60	53	-48	5	09/24/04*	09/24/04*			
7	1M7941010	9	Flight TEM Assy 13, 14-Elec to I&T	09/02/04	55	48	-43	5	09/10/04*	09/10/04*			
7	1M7941090	9	Flight Event Processor Units-Elec to I&T	11/09/04	6	6	-42	-36	09/20/04*	11/09/04*			
7	1M7940990	9	Flight TEM Assy 11, 12-Elec to I&T	08/19/04	50	43	-38	5	08/26/04*	08/26/04*			
D	1M1001620	9	LAT Calibr algorithms & Doc- SAS to I&T SVAC	10/01/03	259	250	-37	213	08/12/04*	08/12/04*			
7	1M7941070	9	Flight ICM/GLT-Elec to I&T	11/12/04	10	-6	-33	-39	09/20/04*	11/12/04*			
7	1M7941100	9	Flight ACD Elec Module-Elec to I&T	11/12/04	10	-6	-33	-39	09/20/04*	11/12/04*			
7	1M7940970	9	Flight TEM Assy 9,10-Elec to I&T	08/05/04	45	38	-33	5	08/12/04*	08/12/04*			
5	1M1000210	9	Calorimeter Modules A & B RFI (for Calibration)	06/21/04	-39	-57	-31	-88	02/17/04*	06/21/04*			
5	1M1000230	9	Calorimeter Modules 1 & 2 RFI (for Calibration)	07/06/04	-32	-48	-31	-79	03/15/04*	07/06/04*			
5	1M1000400	9	Flight Calorimeter Tower 3, 4 RFI	07/14/04	29	11	-31	-20	06/15/04*	07/14/04*			
5	1M1000380	9	Flight Calorimeter Tower 7, 8 RFI	08/03/04	45	28	-31	-3	07/29/04*	08/03/04*			



AV: Sort by Float Change to Level 3 [cont.]

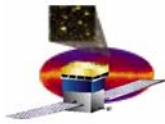
AV	Activity ID	ND	Activity Description	AV: Early Finish	Float -2m	Float -1m	Float Change	Float	Baseline Finish	Early Finish	FY		
											FY03	FY04	FY05
Instrument Project Office (Level 3)													
5	1M1000390	9	Flight Calorimeter Tower 5, 6 RFI	07/22/04	42	25	-30	-5	07/15/04*	07/22/04*			
7	1M7941160	9	EGSE Calibration Unit	04/12/04	-17	-33	-28	-61	01/14/04	04/12/04			
7	1M7941170	9	EGSE Flight Unit Release-Elec to	07/07/04	11	-5	-28	-33	05/19/04*	07/07/04*			
9	1M1001740	B	Online FU S/W Final Release-I&T	08/01/05	4	-1	-28	-29	06/20/05*	08/01/05*			
5	1M1000370	9	Flight Calorimeter Tower 9, 10	08/10/04	48	30	-28	2	08/12/04*	08/12/04*			
7	1M7940950	9	Flight TEM Assy 7,8-Elec to I&T	07/22/04	40	33	-28	5	07/29/04*	07/29/04*			
5	1M1000360	9	Flight Calorimeter Tower 11, 12	08/20/04	40	30	-26	4	08/26/04*	08/26/04*			
7	1M75000000	5	(6) EM2 TEM-from Elec to CAL	11/17/03	20	-36	-23	-59	08/25/03	11/17/03			
7	1M1000920	4	EM2 TEM for Qual Towers A,B	11/17/03	57	1	-23	-22	10/16/03*	11/17/03*			
7	1M7940930	9	Flight TEM Assy 5,6-Elec to I&T	07/08/04	35	28	-23	5	07/15/04*	07/15/04*			
7	1M7941120	9	EM2 TEM Assy A,B-Elec to I&T	01/12/04	103	47	-23	24	02/17/04*	02/17/04*			
8	1M941710	9	X-LAT Thermal Plate RFI from	10/29/04	40	18	-21	-3	10/26/04*	10/29/04*			
8	1M941720	9	Radiators ready for I&T (from	01/20/05	62	40	-21	19	02/16/05*	02/16/05*			
7	1M7941130	9	EM2 TEM PS Assy A,B-Elec to	01/22/04	80	37	-20	17	02/17/04*	02/17/04*			
5	1M1000350	9	Flight Calorimeter Tower 13, 14	08/31/04	31	26	-19	7	09/10/04*	09/10/04*			
7	1M7940910	9	Flight TEM Assy 3,4-Elec to I&T	06/23/04	19	12	-18	-6	06/15/04*	06/23/04*			
7	1M7940920	9	Flight TEM PS Assy 3,4-Elec to	09/23/04	-12	-55	-15	-70	06/15/04*	09/23/04*			

AV: Sort by Float Change to Level 3 [cont.]

AV	Activity ID	ND	Activity Description	AV: Early Finish	Float -2m	Float -1m	Float Change	Float	Baseline Finish	Early Finish	FY03 FY04 FY05			
Instrument Project Office (Level 3)														
7	1M7940940	9	Flight TEM PS Assy 5,6-Elec to I&T	09/23/04	9	-34	-15	-49	07/15/04*	09/23/04*				
7	1M7940960	9	Flight TEM PS Assy 7,8-Elec to I&T	09/30/04	14	-29	-15	-44	07/29/04*	09/30/04*				
7	1M7940980	9	Flight TEM PS Assy 9, 10-Elec to I&T	10/07/04	19	-24	-15	-39	08/12/04*	10/07/04*				
7	1M7941000	9	Flight TEM PS Assy 11, 12-Elec to I&T	10/14/04	24	-19	-15	-34	08/26/04*	10/14/04*				
7	1M7941020	9	Flight TEM PS Assy 13,14-Elec to I&T	10/21/04	29	-14	-15	-29	09/10/04*	10/21/04*				
7	1M7941040	9	Flight TEM PS Assy 15,16-Elec to I&T	10/28/04	34	-9	-15	-24	09/24/04*	10/28/04*				
5	1M1000340	9	Flight Calorimeter Tower 15, 16 RFI	09/14/04	23	22	-14	8	09/24/04*	09/24/04*				
7	1M7941050	9	Flight TEM Assy 1,2-Elec to I&T	05/04/04	-16	-23	-13	-36	03/15/04*	05/04/04*				
7	1M7941110	9	Flight Harness-Elec to I&T	10/01/04	11	4	-13	-9	09/20/04*	10/01/04*				
9	1M1000130	2	LAT Ready to Ship	09/09/05	29	2	-7	-5	09/01/05*	09/09/05*				
1	1M1001100		Deliver Updated Models	09/14/05	47	18	-6	12	09/30/05*	09/30/05*				
8	1M1001380	9	Delivery of EM (1X4) Grid to I&T/MSGE	10/01/03	-171	-205	0	-205	12/02/02*	10/01/03*			Est 10/03	
7	1M1001390	9	GEM h/w driver, final ver-ELX to I&T/Online	09/02/03	-143	-165	0	-165	01/07/03	09/02/03			Agreed to 9/03	
4	1M1000200	9	Tracker Modules A & B RFI (for Calibration)	05/28/04	1	-73	0	-73	02/17/04*	05/28/04*			Tower A - 9/04	
4	1M1000220	9	Tracker Modules 1 & 2 RFI (for Calibration)	06/25/04	4	-73	0	-73	03/15/04*	06/25/04*				
7	1M7941150	9	EGSE EM2 Release-Elec to I&T	09/15/03	-65	-65	0	-65	06/12/03*	09/15/03*				
7	1M7941060	9	Flight TEM PS Assy 1,2-Elec to I&T	06/10/04	-19	-62	0	-62	03/15/04*	06/10/04*				

AV: Sort by Float Change to Level 3 [cont.]

AV	Activity ID	ND	Activity Description	AV: Early Finish	Float -2m	Float -1m	Float Change	Float	Baseline Finish	Early Finish	FY03 FY04 FY05			
Instrument Project Office (Level 3)														
4	1M1000280	9	Flight Tracker Tower 9, 10 RFI	10/29/04	31	-55	0	-55	08/12/04*	10/29/04*				
4	1M1000270	9	Flight Tracker Tower 7, 8 RFI	10/01/04	41	-45	0	-45	07/29/04*	10/01/04*				
4	1M1000310	9	Flight Tracker Tower 15, 16 RFI	11/24/04	10	-43	0	-43	09/24/04*	11/24/04*				
4	1M1000910	7	(36) MCM's for EM2 from Tracker	09/15/03	-3	-40	0	-40	07/18/03	09/15/03				
4	1M1000260	9	Flight Tracker Tower 5, 6 RFI	09/03/04	49	-36	0	-36	07/15/04*	09/03/04*				
4	1M1000300	9	Flight Tracker Tower 13, 14 RFI	10/28/04	9	-34	0	-34	09/10/04*	10/28/04*				
4	1M1000250	9	Flight Tracker Tower 3, 4 RFI	07/23/04	50	-27	0	-27	06/15/04*	07/23/04*				
8	1M1000240	9	Flight Grid RFI-Mech to I&T	07/21/04	57	-25	0	-25	06/15/04*	07/21/04*				
4	1M1000290	9	Flight Tracker Tower 11, 12 RFI	09/30/04	23	-24	0	-24	08/26/04*	09/30/04*				
B	1M1000112	B	Mission Operations Review		0	0	0	0	12/15/04*	12/15/04*				
6	1M1000410	9	ACD Flight Unit at SLAC,	10/15/04	6	6	0	6	10/25/04*	10/25/04*				
6	1M1000990	9	ACD Calibration Test Unit at	02/02/04	10	10	0	10	02/17/04*	02/17/04*				
9	1M1000320	9	Flight Tracker Tower 1, 2 RFI from	08/25/04	31	31	0	31	10/08/04*	10/08/04*				
9	1M1000330	9	Flight Calorimeter Tower 1,2 RFI	08/25/04	31	31	0	31	10/08/04*	10/08/04*				
6	1M1001000	9	ACD Test Scripts (from ACD to	06/11/04	35	35	0	35	08/02/04*	08/02/04*				
7	1M19500520	9	FU IPS - ELX to I&T/Online	04/01/04	63	63	0	63	06/30/04*	06/30/04*				
9	1M1001520	5	EM CAL Returned to NRL (arrives	10/15/03	-40	-29	2	-27	09/08/03*	10/15/03				



AV: Sort by Float Change to Level 3 [cont.]

AV	Activity ID	ND	Activity Description	AV: Early Finish	Float -2m	Float -1m	Float Change	Float	Baseline Finish	Early Finish	Fiscal Year			
											FY03	FY04	FY05	
Instrument Project Office (Level 3)														
B	1M005480	B	IOC CDR	12/15/03	-38	16	21	37	02/17/04*	02/17/04*				
<p>Run Date 09/18/03 09:13</p> <p>Data Date 09/01/03</p> <p>© Primavera Systems, Inc.</p>														

GLAST LAT PROJECT
Level 3 Milestones
Sort by Float Change

LT-T8: AV: Sort by Float Change(tb)
 FL-T4: Level 3 Milestones (tb)

Sheet 5