

# LAT Cost/Schedule Status Overview

## September 2003

Tanya Boysen  
LAT Project Controls Manager

# CPR Level 3



Total project schedule variance



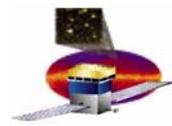
Cumulative Variance > +/-10%  
(will be reported to DOE/NASA)



Notable current period variances

Cost Performance Report - Work Breakdown Structure

Contractor:		Contract Type/No.:		Project Name/No.:		Report Period:							
Location:				GLAST LAT Project		8/31/2003 9/30/2003							
CAPW[3]	Current Period					Cumulative to Date					At Completion		
	Budgeted Cost		Actual Cost Work	Variance		Budgeted Cost		Actual Cost Work	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	319	0	22	9,235	9,235	9,273	0	-37	15,357	15,357	0
4.1.2 SYSTEM ENGINEERING	166	166	86	0	80	4,105	4,105	3,731	0	373	6,453	6,453	0
4.1.4 TRACKER	298	112	481	-186	-368	9,476	8,682	9,397	-793	-715	10,722	10,722	0
4.1.5 CALORIMETER	381	184	486	-197	-302	11,004	9,568	10,129	-1,436	-562	17,830	17,830	0
4.1.6 ANTICOINCIDENCE DETECTOR	244	230	137	-15	92	9,140	7,705	8,758	-1,435	-1,053	12,025	12,025	0
4.1.7 ELECTRONICS	950	495	545	-455	-51	7,580	7,142	7,790	-438	-648	16,672	16,672	0
4.1.8 MECHANICAL SYSTEMS	462	317	314	-145	2	6,923	5,955	5,766	-968	189	10,373	10,373	0
4.1.9 INTEGRATION & TEST	263	135	70	-128	65	2,722	2,412	2,306	-310	106	6,588	6,588	0
4.1.A PERFORMANCE AND SAFETY ASSURANCE	55	55	8	0	47	1,059	1,059	795	0	264	1,607	1,607	0
4.1.B LAT INSTRUMENT OPERATIONS CENTER	28	20	0	-8	20	731	607	263	-124	344	2,512	2,512	0
4.1.C EDUCATION AND PUBLIC OUTREACH	45	34	49	-11	-15	1,109	1,033	1,001	-76	32	2,684	2,684	0
4.1.D SCIENCE ANALYSIS SOFTWARE	71	111	66	41	46	1,717	1,724	1,454	7	269	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	3,304	2,199	2,561	-1,105	-362	66,122	60,548	61,990	-5,574	-1,443	107,737	107,737	0
Contingency											25,483	25,483	0
Total	3,304	2,199	2,561	-1,105	-362	66,122	60,548	61,990	-5,574	-1,443	133,220	133,220	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	66,122	60,548	61,990	-5,574	-1,443	61.37	56.20	57.54	↓	↓	0.916	0.977	110,304	114,752
2	4.1.1	15,357	9,235	9,235	9,273	0	-37	60.14	60.14	60.38	↔	↑	1.000	0.996	15,419	15,419
3	4.1.2	6,453	4,105	4,105	3,731	0	373	63.61	63.61	57.83	↔	↑	1.000	1.100	5,866	5,866
4	4.1.4	10,722	9,476	8,682	9,397	-793	-715	88.37	80.97	87.64	↓	↓	0.916	0.924	11,605	11,807
5	4.1.5	17,830	11,004	9,568	10,129	-1,436	-562	61.72	53.66	56.81	↓	↓	0.870	0.945	18,876	20,189
6	4.1.6	12,025	9,140	7,705	8,758	-1,435	-1,053	76.01	64.08	72.84	↔	↔	0.843	0.880	13,668	14,582
7	4.1.7	16,672	7,580	7,142	7,790	-438	-648	45.47	42.84	46.72	↓	↔	0.942	0.917	18,185	18,823
8	4.1.8	10,373	6,923	5,955	5,767	-968	189	66.75	57.41	55.59	↔	↔	0.860	1.033	10,044	10,739
9	4.1.9	6,588	2,722	2,412	2,306	-310	106	41.32	36.61	35.01	↓	↑	0.886	1.046	6,299	6,812
10	4.1.A	1,607	1,059	1,059	795	0	264	65.90	65.90	49.49	↔	↑	1.000	1.332	1,207	1,207
11	4.1.B	2,512	731	607	263	-124	344	29.10	24.16	10.48	↔	↔	0.830	2.304	1,090	1,259
12	4.1.C	2,684	1,109	1,033	1,001	-76	32	41.32	38.48	37.30	↓	↓	0.931	1.032	2,601	2,719
13	4.1.D	3,595	1,717	1,724	1,454	7	269	47.75	47.95	40.45	↑	↑	1.004	1.185	3,033	3,027
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

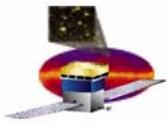
% BCWP: Percent Complete = BCWP/BAC

% ACWP: Percent Spent = ACWP/BAC

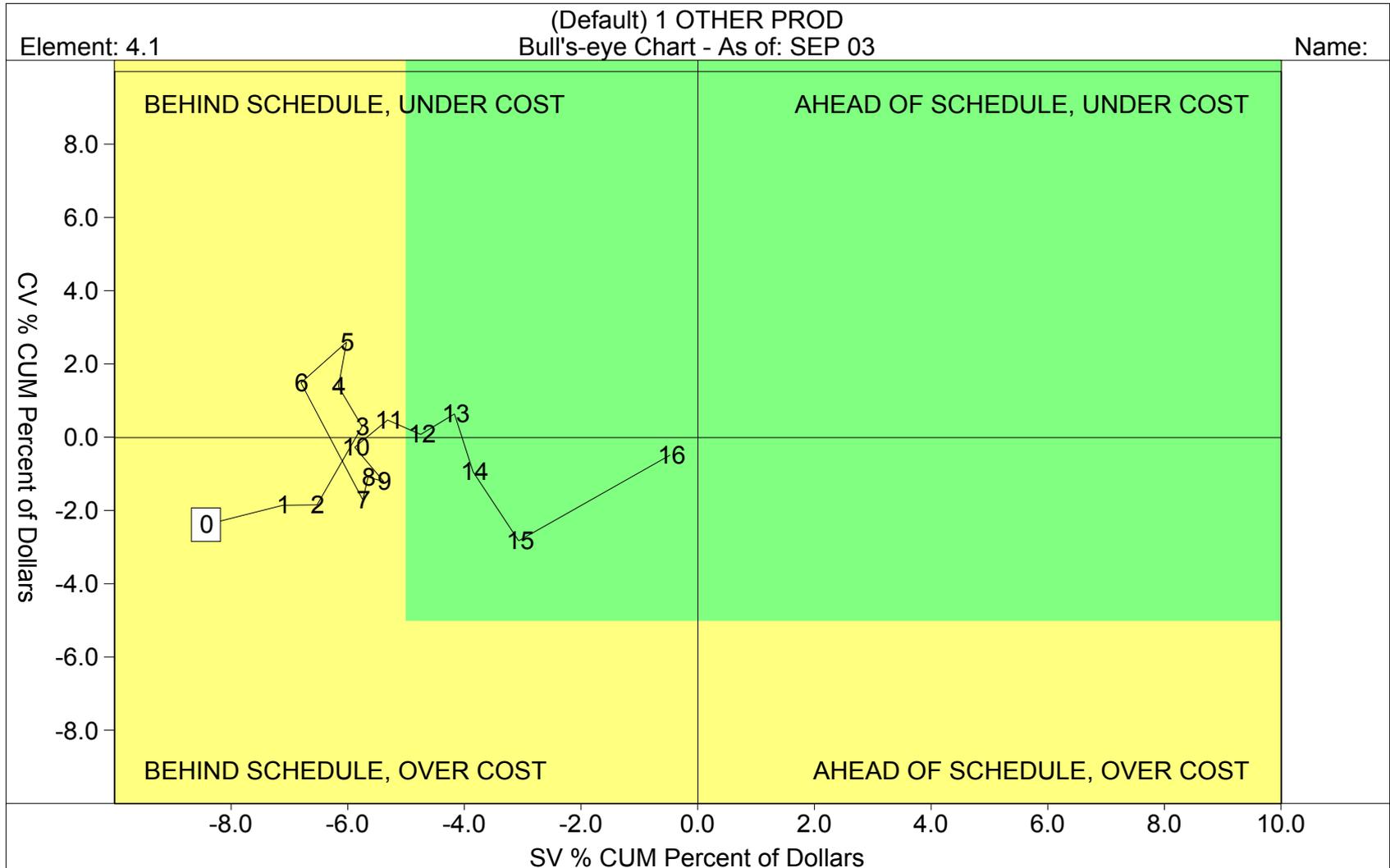
Cpi\_Fcst: CPI (to date) EAC Forecast = BAC / CPI

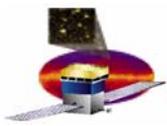
CpiSpi\_Fcst: Combination CPI and SPI EAC Forecast = ACWP + (BAC - BCWP) / (CPI \* SPI)

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

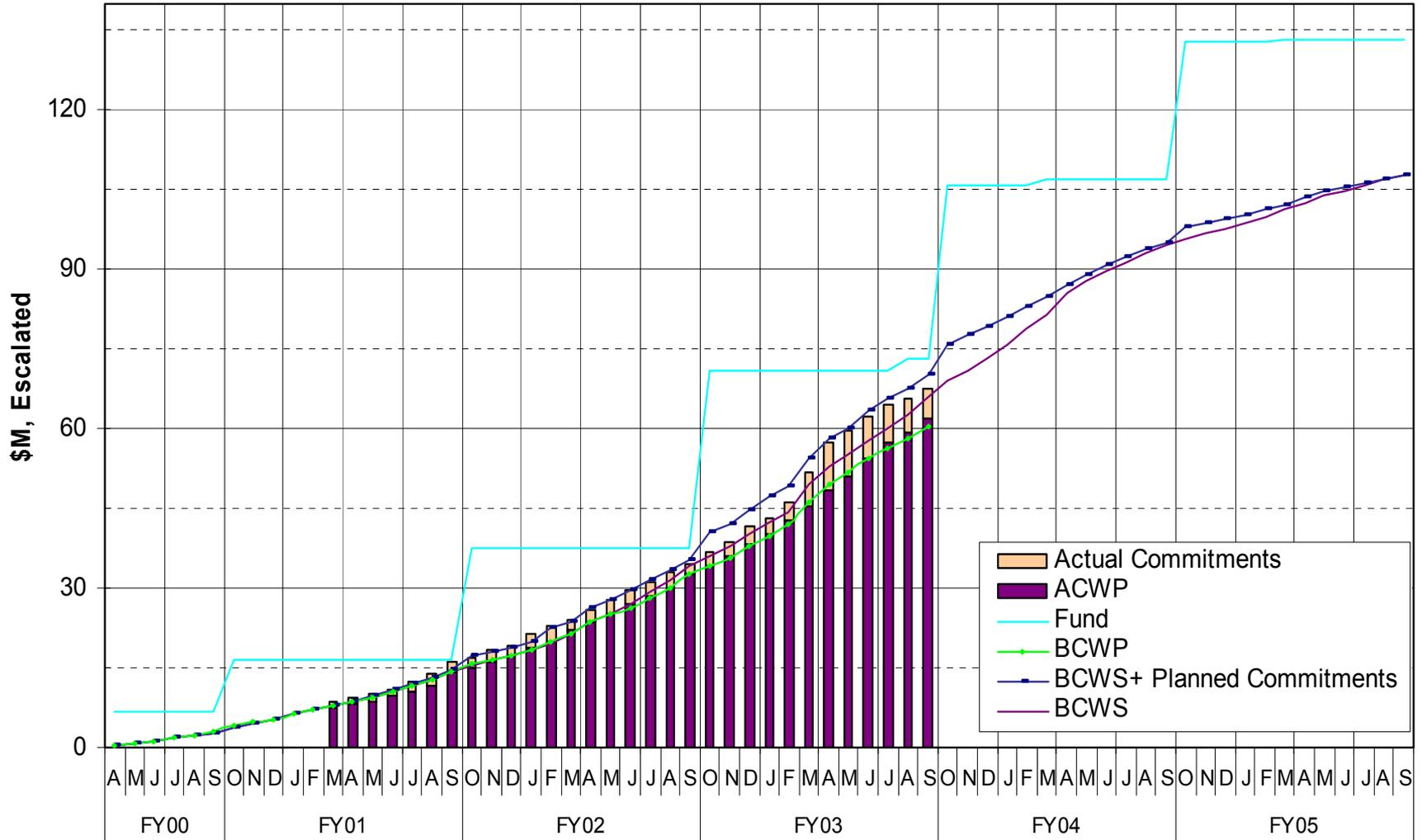


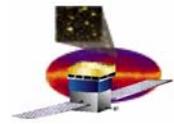
# Variance Analysis



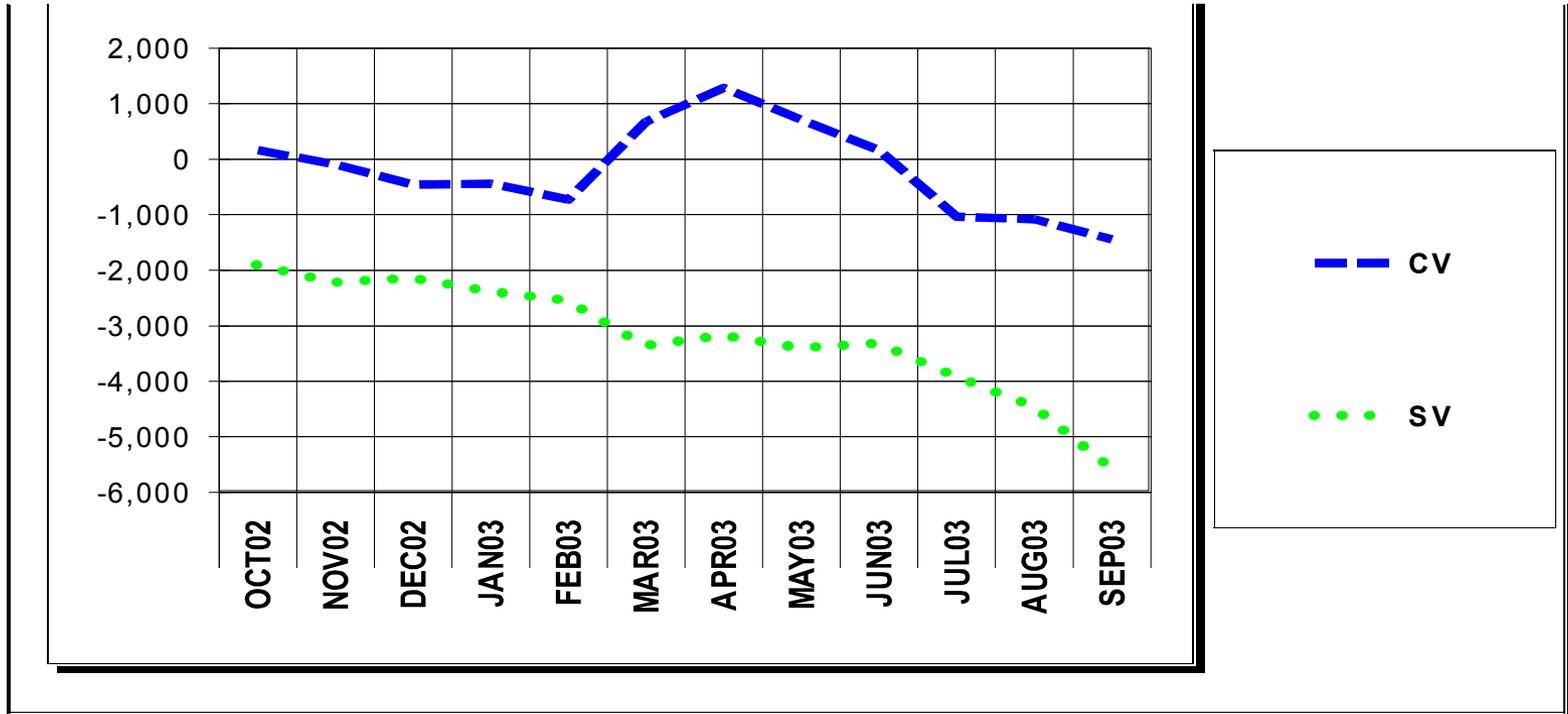


# Budget, Cost, Funding, Performance

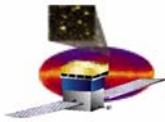




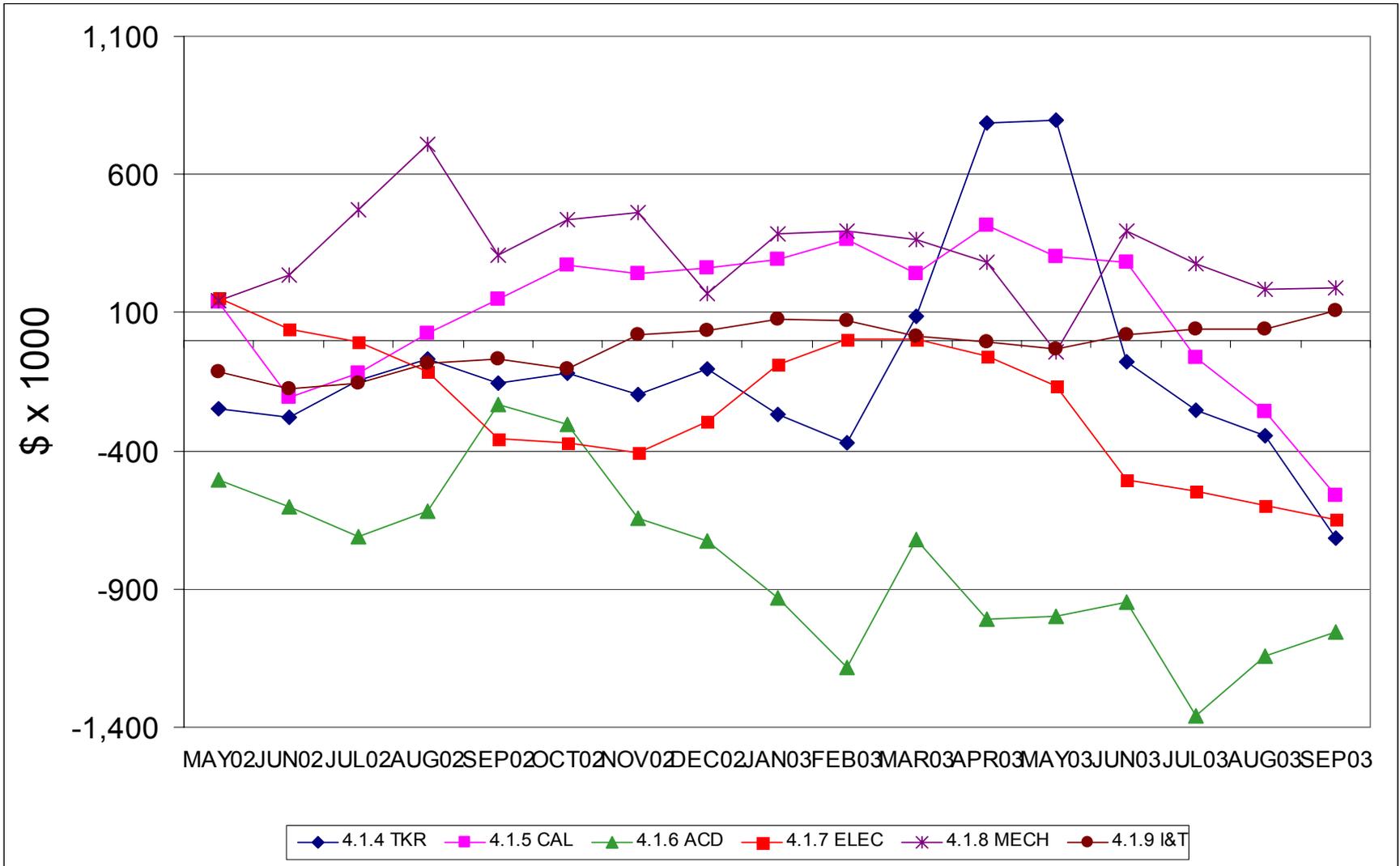
# CV and SV Chart



	OCT02	NOV02	DEC02	JAN03	FEB03	MAR03	APR03	MAY03	JUN03	JUL03	AUG03	SEP03
BCWS	36,156	38,062	40,084	42,282	44,453	49,491	52,819	55,249	57,895	60,155	62,818	66,122
BCMP	34,234	35,824	37,927	39,881	41,890	46,114	49,627	51,835	54,564	56,229	58,348	60,548
ACMP	34,071	35,918	38,384	40,322	42,615	45,435	48,344	51,125	54,402	57,264	59,429	61,990
CV	163	-95	-457	-441	-725	679	1,283	710	162	-1,035	-1,081	-1,443
SV	-1,922	-2,238	-2,157	-2,400	-2,563	-3,377	-3,192	-3,414	-3,331	-3,926	-4,469	-5,574



# CV Chart (Major Subsystems)

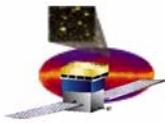






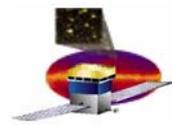






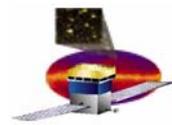
# AV: Sort by Float to Level 3

AV	Activity ID	ND	Activity Description	AV: Early Finish	Float -2m	Float -1m	Float Change	Float	Baseline Finish	Early Finish	Fiscal Year		
											FY03	FY04	FY05
<b>Instrument Project Office (Level 3)</b>													
4	1M1001430	9	Delv of TKR EM to SLAC I&T/MGSE	11/14/03	-173	-232	0	-232	12/09/02*	11/14/03*			
8	1M1001380	9	Delivery of EM (1X4) Grid to I&T/MSGE	11/03/03	-205	-205	-23	-228	12/02/02*	11/03/03*			
7	1M1001390	9	GEM h/w driver, final ver-ELX to I&T/Online	11/14/03	-165	-165	-53	-218	01/07/03	11/14/03			
7	1M7941150	9	EGSE EM2 Release-Elec to I&T	11/17/03	-65	-65	-45	-110	06/12/03*	11/17/03*			
5	1M1000210	9	Calorimeter Modules A & B RFI ( for Calibration)	07/12/04	-57	-88	-14	-102	02/17/04*	06/24/04*			
7	1M19500540	9	Flt S/C Simulator - ELX to I&T	07/22/04	4	-102	0	-102	02/27/04*	07/22/04*			
7	1M19500400	9	CU S/C Simulator - ELX to I&T Online	02/02/04	6	-100	0	-100	08/29/03*	02/02/04*			
5	1M1000230	9	Calorimeter Modules 1 & 2 RFI (for Calibration)	07/26/04	-48	-79	-14	-93	03/15/04*	07/09/04*			
4	1M1000200	9	Tracker Modules A & B RFI ( for Calibration)	05/28/04	-73	-73	0	-73	02/17/04*	05/28/04*	Tower A - 3/04		
4	1M1000220	9	Tracker Modules 1 & 2 RFI ( for Calibration)	06/25/04	-73	-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	-55	-70	0	-70	06/15/04*	09/23/04*			
7	1M7941080	9	Flight SIU-Elec to I&T	12/22/04	-2	-65	0	-65	09/20/04*	12/22/04*			
7	1M7941060	9	Flight TEM PS Assy 1,2-Elec to I&T	06/10/04	-62	-62	0	-62	03/15/04*	06/10/04*			
7	1M7941160	9	EGSE Calibration Unit Release-Elec to I&T	04/12/04	-33	-61	0	-61	01/14/04	04/12/04			
7	1M75000000	5	(6) EM2 TEM-from Elec to CAL	11/17/03	-36	-59	0	-59	08/25/03	11/17/03			
4	1M1000280	9	Flight Tracker Tower 9, 10 RFI	10/29/04	-55	-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	-34	-49	0	-49	07/15/04*	09/23/04*			



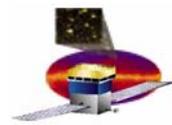
# AV: Sort by Float to Level 3 [cont.]

AV	Activity ID	ND	Activity Description	AV: Early Finish	Float -2m	Float -1m	Float Change	Float	Baseline Finish	Early Finish	FY					
											FY03	FY04	FY05			
<b>Instrument Project Office (Level 3)</b>																
4	1M1000270	9	Flight Tracker Tower 7, 8 RFI	10/01/04	-45	-45	0	-45	07/29/04*	10/01/04*						
7	1M7940960	9	Flight TEM PS Assy 7,8-Elec to	09/30/04	-29	-44	0	-44	07/29/04*	09/30/04*						
4	1M1000310	9	Flight Tracker Tower 15, 16 RFI	11/24/04	-43	-43	0	-43	09/24/04*	11/24/04*						
7	1M7940980	9	Flight TEM PS Assy 9, 10-Elec to	10/07/04	-24	-39	0	-39	08/12/04*	10/07/04*						
7	1M7941070	9	Flight ICM/GLT-Elec to I&T	11/12/04	-6	-39	0	-39	09/20/04*	11/12/04*						
7	1M7941100	9	Flight ACD Elec Module-Elec to	11/12/04	-6	-39	0	-39	09/20/04*	11/12/04*						
4	1M1000260	9	Flight Tracker Tower 5, 6 RFI	09/03/04	-36	-36	0	-36	07/15/04*	09/03/04*						
D	1M1001690	9	LAT Monte Carlo simulation by	01/07/05	297	-36	0	-36	11/08/04*	01/07/05*						
7	1M7941050	9	Flight TEM Assy 1,2-Elec to I&T	05/04/04	-23	-36	0	-36	03/15/04*	05/04/04*						
7	1M7941090	9	Flight Event Processor Units-Elec	11/09/04	6	-36	0	-36	09/20/04*	11/09/04*						
4	1M1000300	9	Flight Tracker Tower 13, 14 RFI	10/28/04	-34	-34	0	-34	09/10/04*	10/28/04*						
5	1M1000400	9	Flight Calorimeter Tower 3, 4 RFI	08/03/04	11	-20	-14	-34	06/15/04*	07/22/04*						
7	1M7941000	9	Flight TEM PS Assy 11, 12-Elec to	10/14/04	-19	-34	0	-34	08/26/04*	10/14/04*						
7	1M7941170	9	EGSE Flight Unit Release-Elec to	07/07/04	-5	-33	0	-33	05/19/04*	07/07/04*						
9	1M1001520	5	EM CAL Returned to NRL (arrives	10/17/03	-29	-27	-2	-29	09/08/03*	10/17/03						
9	1M1001740	B	Online FU S/W Final Release-I&T	08/01/05	-1	-29	0	-29	06/20/05*	08/01/05*						
7	1M7941020	9	Flight TEM PS Assy 13,14-Elec to	10/21/04	-14	-29	0	-29	09/10/04*	10/21/04*						



# 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	Fiscal Year			
											FY03	FY04	FY05	
<b>Instrument Project Office (Level 3)</b>														
4	1M1000250	9	Flight Tracker Tower 3, 4 RFI	07/23/04	-27	-27	0	-27	06/15/04*	07/23/04*				
5	1M1000340	9	Flight Calorimeter Tower 15, 16	11/02/04	22	8	-35	-27	09/24/04*	11/02/04*				
8	1M1000240	9	Flight Grid RFI-Mech to I&T	07/21/04	-25	-25	0	-25	06/15/04*	07/21/04*				
4	1M1000290	9	Flight Tracker Tower 11, 12 RFI	09/30/04	-24	-24	0	-24	08/26/04*	09/30/04*				
7	1M7941040	9	Flight TEM PS Assy 15,16-Elec to	10/28/04	-9	-24	0	-24	09/24/04*	10/28/04*				
8	1M941710	9	X-LAT Thermal Plate RFI from	12/01/04	18	-3	-21	-24	10/26/04*	12/01/04*				
5	1M1000350	9	Flight Calorimeter Tower 13, 14	10/12/04	26	7	-29	-22	09/10/04*	10/12/04*				
7	1M1000920	4	EM2 TEM for Qual Towers A,B	11/17/03	1	-22	0	-22	10/16/03*	11/17/03*				
5	1M1000360	9	Flight Calorimeter Tower 11, 12	09/23/04	30	4	-23	-19	08/26/04*	09/23/04*				
5	1M1000390	9	Flight Calorimeter Tower 5, 6 RFI	08/10/04	25	-5	-13	-18	07/15/04*	08/10/04*				
5	1M1000370	9	Flight Calorimeter Tower 9, 10	09/07/04	30	2	-19	-17	08/12/04*	09/07/04*				
5	1M1000380	9	Flight Calorimeter Tower 7, 8	08/20/04	28	-3	-13	-16	07/29/04*	08/20/04*				
7	1M7941110	9	Flight Harness-Elec to I&T	10/01/04	4	-9	0	-9	09/20/04*	10/01/04*				
7	1M7940910	9	Flight TEM Assy 3,4-Elec to I&T	06/23/04	12	-6	0	-6	06/15/04*	06/23/04*				
9	1M1000130	2	LAT Ready to Ship	09/09/05	2	-5	0	-5	09/01/05*	09/09/05*				
8	1M941720	9	Radiators ready for I&T (from	02/18/05	40	19	-21	-2	02/16/05*	02/18/05*				
B	1M1000112	B	Mission Operations Review		0	0	0	0	12/15/04*	12/15/04*				



# 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	Fiscal Year		
											FY03	FY04	FY05
<b>Instrument Project Office (Level 3)</b>													
7	1M7940930	9	Flight TEM Assy 5,6-Elec to I&T	07/08/04	28	5	0	5	07/15/04*	07/15/04*			
7	1M7940950	9	Flight TEM Assy 7,8-Elec to I&T	07/22/04	33	5	0	5	07/29/04*	07/29/04*			
7	1M7940970	9	Flight TEM Assy 9,10-Elec to I&T	08/05/04	38	5	0	5	08/12/04*	08/12/04*			
7	1M7940990	9	Flight TEM Assy 11, 12-Elec to I&T	08/19/04	43	5	0	5	08/26/04*	08/26/04*			
7	1M7941010	9	Flight TEM Assy 13, 14-Elec to I&T	09/02/04	48	5	0	5	09/10/04*	09/10/04*			
7	1M7941030	9	Flight TEM Assy 15, 16-Elec to I&T	09/17/04	53	5	0	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*	10/15/04*			
6	1M1000990	9	ACD Calibration Test Unit at	02/04/04	10	10	-2	8	02/17/04*	02/17/04*			
1	1M1001100		Deliver Updated Models	09/14/05	18	12	0	12	09/30/05*	09/30/05*			
7	1M7941130	9	EM2 TEM PS Assy A,B-Elec to	01/22/04	37	17	0	17	02/17/04*	02/17/04*			
B	1M005480	B	IOC CDR	01/12/04	16	37	-13	24	02/17/04*	02/17/04*			
7	1M7941120	9	EM2 TEM Assy A,B-Elec to I&T	01/12/04	47	24	0	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*			
7	1M19500520	9	FU IPS - ELX to I&T/Online	04/01/04	63	63	0	63	06/30/04*	06/30/04*			
D	1M1001620	9	LAT Calibr algorithms & Doc- SAS	11/03/03	250	213	-23	190	08/12/04*	08/12/04*			

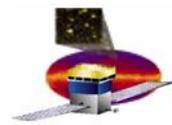
# AV: Sort by Float Change to Level 3

AV	Activity ID	ND	Activity Description	AV: Early Finish	Float -2m	Float -1m	Float Change	Float	Baseline Finish	Early Finish	FY			
											FY03	FY04	FY05	
<b>Instrument Project Office (Level 3)</b>														
7	1M1001390	9	GEM h/w driver, final ver-ELX to I&T/Online	11/14/03	-165	-165	-53	-218	01/07/03	11/14/03				
7	1M7941150	9	EGSE EM2 Release-Elec to I&T	11/17/03	-65	-65	-45	-110	06/12/03*	11/17/03*				
5	1M1000340	9	Flight Calorimeter Tower 15, 16 RFI	11/02/04	22	8	-35	-27	09/24/04*	11/02/04*				
5	1M1000350	9	Flight Calorimeter Tower 13, 14 RFI	10/12/04	26	7	-29	-22	09/10/04*	10/12/04*				
8	1M1001380	9	Delivery of EM (1X4) Grid to I&T/MSGE	11/03/03	-205	-205	-23	-228	12/02/02*	11/03/03*				
5	1M1000360	9	Flight Calorimeter Tower 11, 12 RFI	09/23/04	30	4	-23	-19	08/26/04*	09/23/04*				
D	1M1001620	9	LAT Calibr algorithms & Doc- SAS to I&T SVAC	11/03/03	250	213	-23	190	08/12/04*	08/12/04*				
8	1M941710	9	X-LAT Thermal Plate RFI from Mech to I&T	12/01/04	18	-3	-21	-24	10/26/04*	12/01/04*				
8	1M941720	9	Radiators ready for I&T (from Mech to I&T)	02/18/05	40	19	-21	-2	02/16/05*	02/18/05*				
5	1M1000370	9	Flight Calorimeter Tower 9, 10 RFI	09/07/04	30	2	-19	-17	08/12/04*	09/07/04*				
5	1M1000210	9	Calorimeter Modules A & B RFI (for Calibration)	07/12/04	-57	-88	-14	-102	02/17/04*	06/24/04*				
5	1M1000230	9	Calorimeter Modules 1 & 2 RFI (for Calibration)	07/26/04	-48	-79	-14	-93	03/15/04*	07/09/04*				
5	1M1000400	9	Flight Calorimeter Tower 3, 4 RFI	08/03/04	11	-20	-14	-34	06/15/04*	07/22/04*				
5	1M1000390	9	Flight Calorimeter Tower 5, 6 RFI	08/10/04	25	-5	-13	-18	07/15/04*	08/10/04*				
5	1M1000380	9	Flight Calorimeter Tower 7, 8 RFI	08/20/04	28	-3	-13	-16	07/29/04*	08/20/04*				
B	1M005480	B	IOC CDR	01/12/04	16	37	-13	24	02/17/04*	02/17/04*				
9	1M1001520	5	EM CAL Returned to NRL (arrives on dock)	10/17/03	-29	-27	-2	-29	09/08/03*	10/17/03				

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

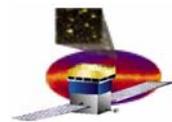
AV	Activity ID	ND	Activity Description	AV: Early Finish	Float -2m	Float -1m	Float Change	Float	Baseline Finish	Early Finish	FY			
											FY03	FY04	FY05	
<b>Instrument Project Office (Level 3)</b>														
6	1M1000990	9	ACD Calibration Test Unit at SLAC, Tested & RFI	02/04/04	10	10	-2	8	02/17/04*	02/17/04*				
4	1M1001430	9	Delv of TKR EM to SLAC I&T/MGSE	11/14/03	-173	-232	0	-232	12/09/02*	11/14/03*				
7	1M19500540	9	Flt S/C Simulator - ELX to I&T	07/22/04	4	-102	0	-102	02/27/04*	07/22/04*				
7	1M19500400	9	CU S/C Simulator - ELX to I&T Online	02/02/04	6	-100	0	-100	08/29/03*	02/02/04*				
4	1M1000200	9	Tracker Modules A & B RFI ( for Calibration)	05/28/04	-73	-73	0	-73	02/17/04*	05/28/04*	Tower A - 2/04			
4	1M1000220	9	Tracker Modules 1 & 2 RFI ( for Calibration)	06/25/04	-73	-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	-55	-70	0	-70	06/15/04*	09/23/04*				
7	1M7941080	9	Flight SIU-Elec to I&T	12/22/04	-2	-65	0	-65	09/20/04*	12/22/04*				
7	1M7941060	9	Flight TEM PS Assy 1,2-Elec to I&T	06/10/04	-62	-62	0	-62	03/15/04*	06/10/04*				
7	1M7941160	9	EGSE Calibration Unit Release-Elec to I&T	04/12/04	-33	-61	0	-61	01/14/04	04/12/04				
7	1M75000000	5	(6) EM2 TEM-from Elec to CAL	11/17/03	-36	-59	0	-59	08/25/03	11/17/03				
4	1M1000280	9	Flight Tracker Tower 9, 10 RFI	10/29/04	-55	-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	-34	-49	0	-49	07/15/04*	09/23/04*				
4	1M1000270	9	Flight Tracker Tower 7, 8 RFI	10/01/04	-45	-45	0	-45	07/29/04*	10/01/04*				
7	1M7940960	9	Flight TEM PS Assy 7,8-Elec to I&T	09/30/04	-29	-44	0	-44	07/29/04*	09/30/04*				
4	1M1000310	9	Flight Tracker Tower 15, 16 RFI	11/24/04	-43	-43	0	-43	09/24/04*	11/24/04*				
7	1M7940980	9	Flight TEM PS Assy 9, 10-Elec to I&T	10/07/04	-24	-39	0	-39	08/12/04*	10/07/04*				





# 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	Fiscal Year			
											FY03	FY04	FY05	
<b>Instrument Project Office (Level 3)</b>														
7	1M7941070	9	Flight ICM/GLT-Elec to I&T	11/12/04	-6	-39	0	-39	09/20/04*	11/12/04*				
7	1M7941100	9	Flight ACD Elec Module-Elec to	11/12/04	-6	-39	0	-39	09/20/04*	11/12/04*				
4	1M1000260	9	Flight Tracker Tower 5, 6 RFI	09/03/04	-36	-36	0	-36	07/15/04*	09/03/04*				
D	1M1001690	9	LAT Monte Carlo simulation by	01/07/05	297	-36	0	-36	11/08/04*	01/07/05*				
7	1M7941050	9	Flight TEM Assy 1,2-Elec to I&T	05/04/04	-23	-36	0	-36	03/15/04*	05/04/04*				
7	1M7941090	9	Flight Event Processor Units-Elec	11/09/04	6	-36	0	-36	09/20/04*	11/09/04*				
4	1M1000300	9	Flight Tracker Tower 13, 14 RFI	10/28/04	-34	-34	0	-34	09/10/04*	10/28/04*				
7	1M7941000	9	Flight TEM PS Assy 11, 12-Elec to	10/14/04	-19	-34	0	-34	08/26/04*	10/14/04*				
7	1M7941170	9	EGSE Flight Unit Release-Elec to	07/07/04	-5	-33	0	-33	05/19/04*	07/07/04*				
9	1M1001740	B	Online FU S/W Final Release-I&T	08/01/05	-1	-29	0	-29	06/20/05*	08/01/05*				
7	1M7941020	9	Flight TEM PS Assy 13,14-Elec to	10/21/04	-14	-29	0	-29	09/10/04*	10/21/04*				
4	1M1000250	9	Flight Tracker Tower 3, 4 RFI	07/23/04	-27	-27	0	-27	06/15/04*	07/23/04*				
8	1M1000240	9	Flight Grid RFI-Mech to I&T	07/21/04	-25	-25	0	-25	06/15/04*	07/21/04*				
4	1M1000290	9	Flight Tracker Tower 11, 12 RFI	09/30/04	-24	-24	0	-24	08/26/04*	09/30/04*				
7	1M7941040	9	Flight TEM PS Assy 15,16-Elec to	10/28/04	-9	-24	0	-24	09/24/04*	10/28/04*				
7	1M1000920	4	EM2 TEM for Qual Towers A,B	11/17/03	1	-22	0	-22	10/16/03*	11/17/03*				
7	1M7941110	9	Flight Harness-Elec to I&T	10/01/04	4	-9	0	-9	09/20/04*	10/01/04*				



# 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	Fiscal Year			
											FY03	FY04	FY05	
<b>Instrument Project Office (Level 3)</b>														
7	1M7940910	9	Flight TEM Assy 3,4-Elec to I&T	06/23/04	12	-6	0	-6	06/15/04*	06/23/04*				
9	1M1000130	2	LAT Ready to Ship	09/09/05	2	-5	0	-5	09/01/05*	09/09/05*				
B	1M1000112	B	Mission Operations Review		0	0	0	0	12/15/04*	12/15/04*				
7	1M7940930	9	Flight TEM Assy 5,6-Elec to I&T	07/08/04	28	5	0	5	07/15/04*	07/15/04*				
7	1M7940950	9	Flight TEM Assy 7,8-Elec to I&T	07/22/04	33	5	0	5	07/29/04*	07/29/04*				
7	1M7940970	9	Flight TEM Assy 9,10-Elec to I&T	08/05/04	38	5	0	5	08/12/04*	08/12/04*				
7	1M7940990	9	Flight TEM Assy 11, 12-Elec to I&T	08/19/04	43	5	0	5	08/26/04*	08/26/04*				
7	1M7941010	9	Flight TEM Assy 13, 14-Elec to I&T	09/02/04	48	5	0	5	09/10/04*	09/10/04*				
7	1M7941030	9	Flight TEM Assy 15, 16-Elec to I&T	09/17/04	53	5	0	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*	10/15/04*				
1	1M1001100		Deliver Updated Models	09/14/05	18	12	0	12	09/30/05*	09/30/05*				
7	1M7941130	9	EM2 TEM PS Assy A,B-Elec to	01/22/04	37	17	0	17	02/17/04*	02/17/04*				
7	1M7941120	9	EM2 TEM Assy A,B-Elec to I&T	01/12/04	47	24	0	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*				
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 10/28/03 14:25  
 Data Date 10/01/03  
 © Primavera Systems, Inc.

**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 4