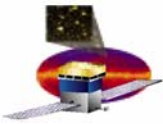


LAT Cost & Schedule Status Overview

January 2004

Tanya Boysen
LAT Project Controls Manager



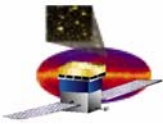
CPR Level 3

 Total project schedule variance

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

 Notable current period variances

Cost Performance Report - Work Breakdown Structure													
Contractor: Location:					Contract Type/No:			Project Name/No: LAT Project		Report Period: 12/31/2003 1/31/2004			
CAPW[3] Item (1)	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			
(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
4.1.1 INSTRUMENT MANAGEMENT	347	347	278	0	68	10,578	10,578	10,526	0	53	15,617	15,617	0
4.1.2 SYSTEM ENGINEERING	25	25	85	0	-60	4,393	4,393	4,248	0	145	6,588	6,588	0
4.1.4 TRACKER	391	94	388	-297	-294	10,870	10,548	10,865	-322	-317	14,333	14,333	0
4.1.5 CALORIMETER	685	504	837	-181	-334	14,537	14,040	12,778	-497	1,262	22,648	22,648	0
4.1.6 ANTICOINCIDENCE DETECTOR	663	542	952	-122	-410	11,403	11,026	10,477	-376	549	14,020	14,020	0
4.1.7 ELECTRONICS	982	887	670	-94	218	9,399	9,997	10,595	598	-598	20,195	20,195	0
4.1.8 MECHANICAL SYSTEMS	384	400	281	16	118	7,229	7,014	7,045	-215	-31	13,362	13,362	0
4.1.9 INTEGRATION & TEST	130	129	151	-1	-21	2,885	2,876	2,827	-9	50	6,907	6,907	0
4.1.A PERFORMANCE AND SAFETY ASSURANCE	209	209	55	0	153	1,314	1,314	1,068	0	246	2,459	2,459	0
4.1.B LAT INSTRUMENT OPERATIONS CENTER	3	3	0	0	3	269	269	278	0	-10	326	326	0
4.1.C EDUCATION AND PUBLIC OUTREACH	70	10	98	-61	-88	1,374	1,377	1,199	3	178	2,448	2,448	0
4.1.D SCIENCE ANALYSIS SOFTWARE	73	73	113	0	-39	1,821	1,821	1,760	0	61	3,220	3,220	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	3,961	3,222	3,908	-740	-686	77,394	76,574	74,989	-820	1,585	123,444	123,444	0
Contingency											13,386	13,386	0
Total	3,961	3,222	3,908	-740	-686	77,394	76,574	74,989	-820	1,585	136,830	136,830	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	123,444	77,394	76,575	74,989	-820	1,585	62.70	62.03	60.75	↓	↓	0.989	1.021	120,889	121,380
2	4.1.1	15,617	10,578	10,578	10,526	0	53	67.73	67.73	67.40	↔	↑	1.000	1.005	15,540	15,540
3	4.1.2	6,588	4,393	4,393	4,248	0	145	66.69	66.69	64.48	↔	↓	1.000	1.034	6,370	6,370
4	4.1.4	14,333	10,870	10,548	10,865	-322	-317	75.84	73.59	75.80	↓	↓	0.970	0.971	14,763	14,883
5	4.1.5	22,648	14,537	14,040	12,778	-497	1,262	64.19	61.99	56.42	↓	↓	0.966	1.099	20,613	20,891
6	4.1.6	14,020	11,403	11,026	10,477	-376	549	81.33	78.64	74.73	↓	↓	0.967	1.052	13,322	13,419
7	4.1.7	20,195	9,399	9,997	10,595	598	-598	46.54	49.50	52.46	↓	↑	1.064	0.944	21,402	20,756
8	4.1.8	13,362	7,229	7,014	7,045	-215	-31	54.10	52.49	52.72	↑	↑	0.970	0.996	13,421	13,616
9	4.1.9	6,907	2,885	2,876	2,827	-9	50	41.77	41.65	40.93	↔	↓	0.997	1.018	6,788	6,800
10	4.1.A	2,459	1,314	1,314	1,068	0	246	53.44	53.44	43.42	↔	↑	1.000	1.231	1,998	1,998
11	4.1.B	326	269	269	278	0	-10	82.54	82.54	85.53	↔	↑	1.000	0.965	337	337
12	4.1.C	2,448	1,374	1,377	1,199	3	178	56.13	56.23	48.96	↓	↓	1.002	1.149	2,132	2,130
13	4.1.D	3,220	1,821	1,821	1,760	0	61	56.56	56.56	54.66	↔	↓	1.000	1.035	3,111	3,111
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

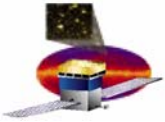
% BCWP: Percent Complete = BCWP/BAC

% ACWP: Percent Spent = ACWP/BAC

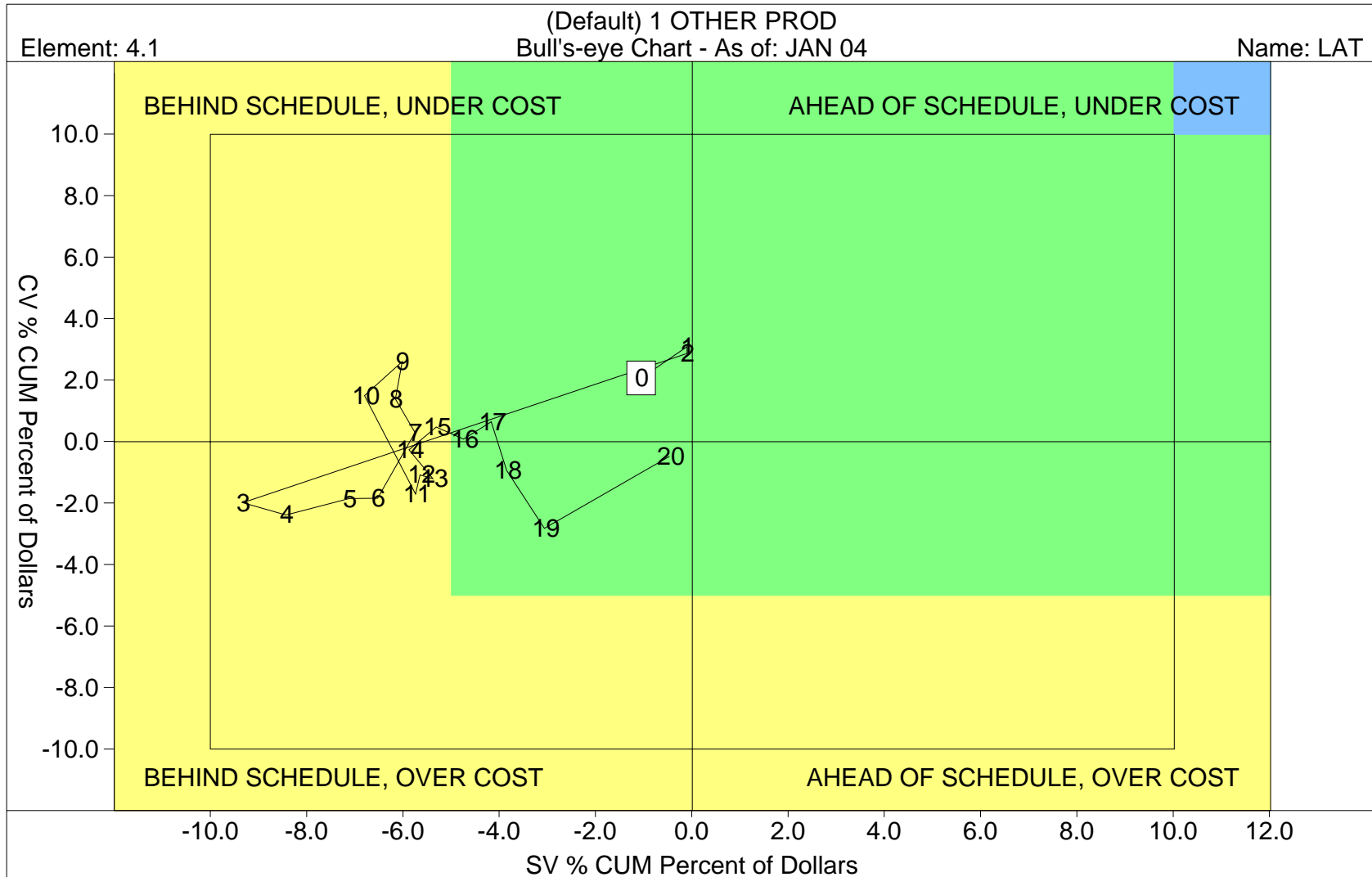
Cpi_Fcst: CPI (to date) EAC Forecast = BAC / CPI

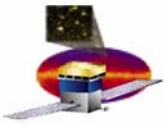
CpiSpi_Fcst: Combination CPI and SPI EAC Forecast = ACWP + (BAC - BCWP) / (CPI * SPI)

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

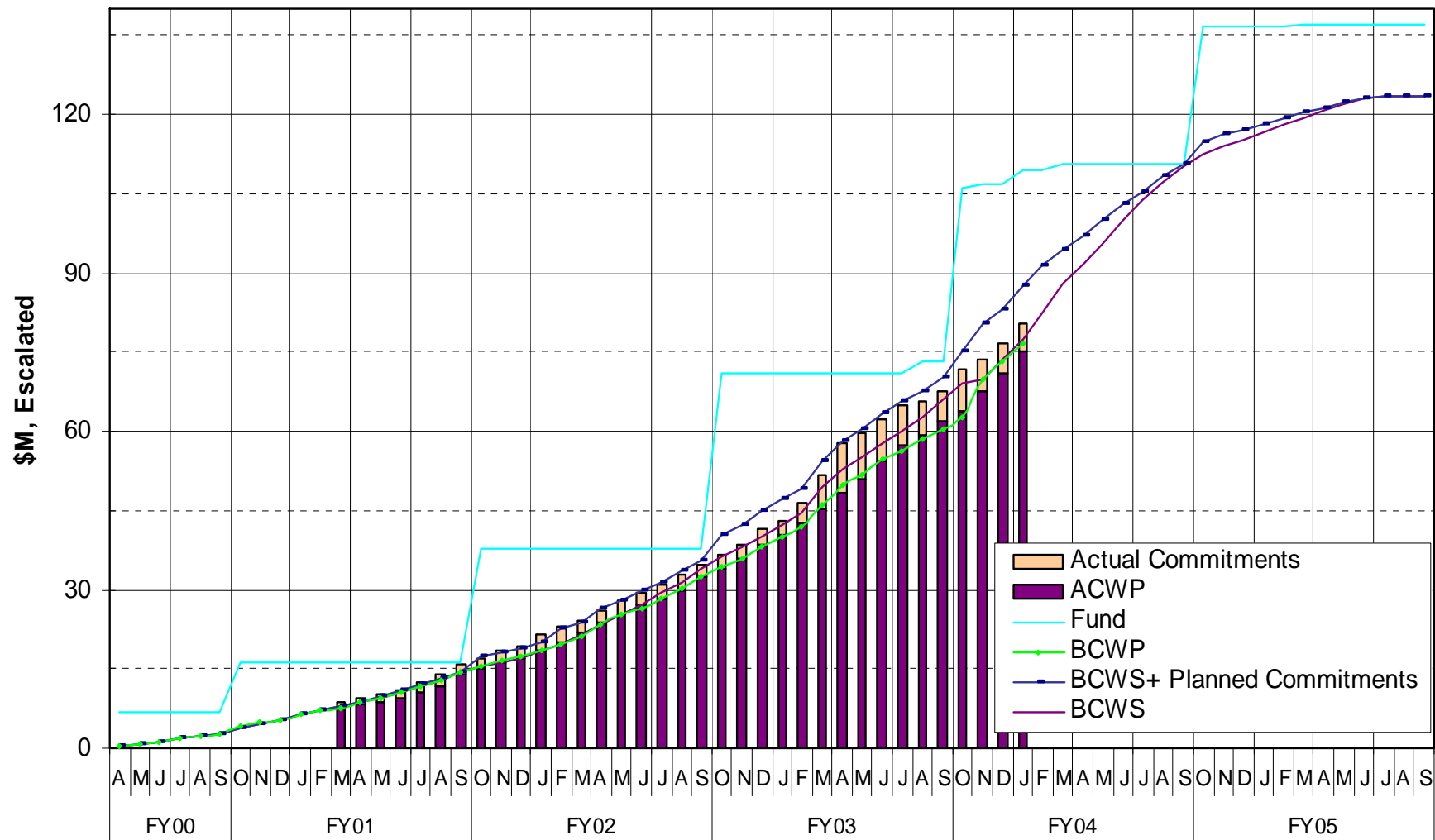


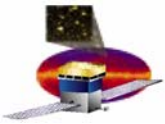
Variance Analysis



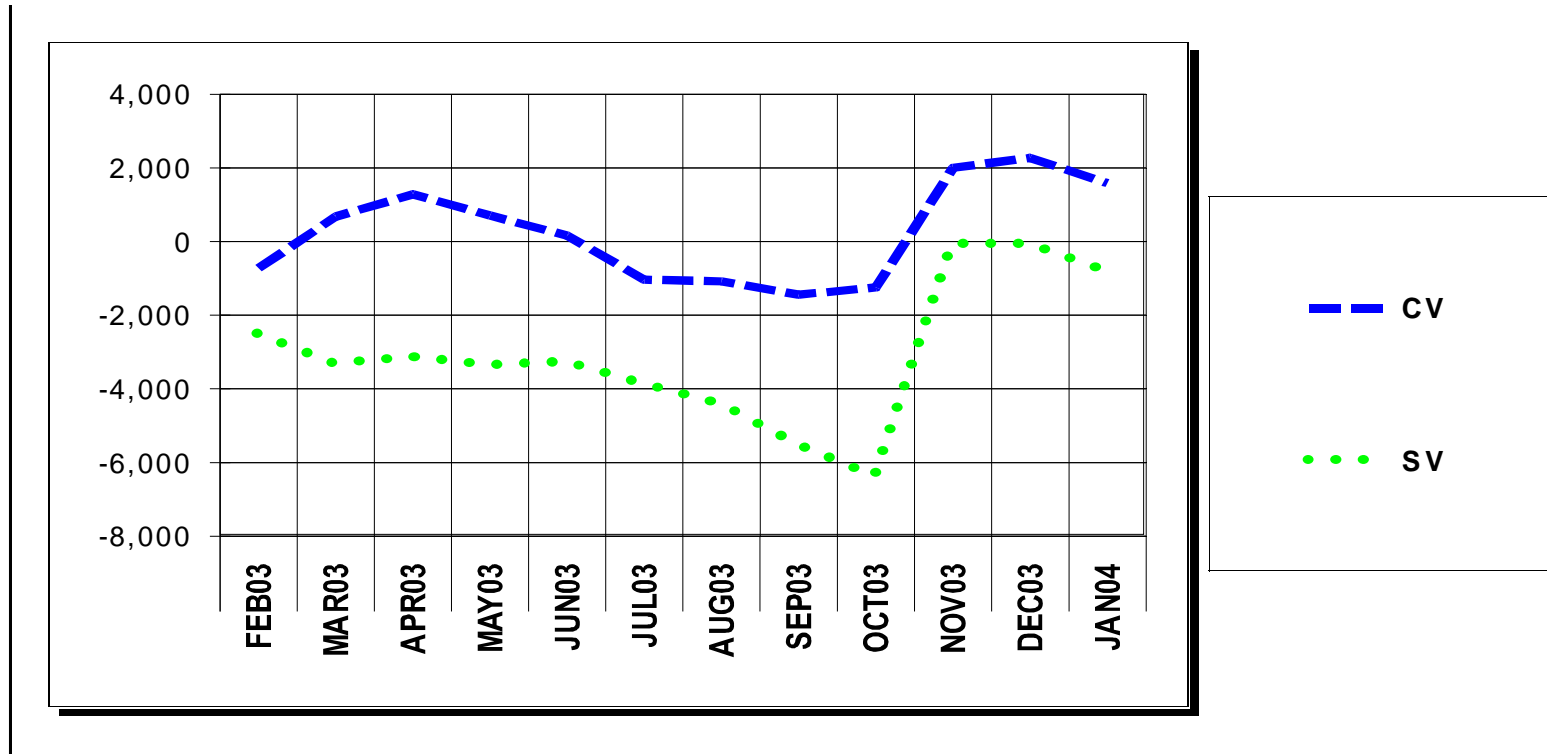


Budget, Cost, Funding, Performance

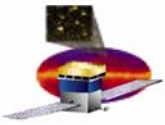




CV and SV Chart



	FEB03	MAR03	APR03	MAY03	JUN03	JUL03	AUG03	SEP03	OCT03	NOV03	DEC03	JAN04
BCWS	44,414	49,452	52,780	55,210	57,854	60,114	62,777	66,081	69,046	69,809	73,433	77,394
BCWP	41,890	46,114	49,627	51,835	54,564	56,229	58,348	60,548	62,648	69,724	73,353	76,574
ACWP	42,615	45,435	48,344	51,125	54,402	57,264	59,429	61,990	63,894	67,721	71,081	74,989
CV	-725	679	1,283	710	162	-1,035	-1,081	-1,443	-1,246	2,003	2,271	1,585
SV	-2,524	-3,338	-3,152	-3,375	-3,290	-3,885	-4,428	-5,533	-6,398	-84	-80	-820



Current Critical Path

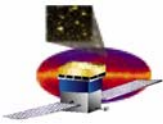
- **Calorimeter ASIC availability drives start of installation of Tower A – 3 weeks delayed.**

Tracker only two days behind Cal in path to Tower A

- **Top three project critical paths are driven by Tracker activities:**
 - 1) MCM production – results in 17-day delay to CD-4 readiness
 - 2) Bottom tray parts – 2 days behind first path
 - 3) Assembly of flight trays – 5 days behind second path

I&T takes over the critical path at Tower 12

- **Fourth critical path goes through the delivery of the GASU box to I&T – 3 days behind the third critical path**



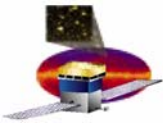
Level 3 Milestones by Subsystem

AV	Activity ID	ND	Activity Description	Baseline Finish	Bsln Var	Early Finish	Timeline											
							FY04				FY05				FY06			
							Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
Instrument Project Office (Level 3)																		
4.1.1 Instrument Management																		
1	1M1001920		Ready for CD-4 Review	05/12/05	-17	06/07/05												
4.1.4 Tracker																		
4	1M1001430	9	Delv of TKR EM to SLAC	01/02/04	-39	03/01/04	◆	▽										
4	1M1000200	9	Tracker Modules A RFI	07/02/04	-17	07/28/04				◆								
4	1M1000201	9	Tracker Modules B RFI	07/23/04	-18	08/18/04				◆								
4	1M1000220	9	Tracker Modules 1 RFI	07/23/04	-18	08/18/04				◆								
4	1M1000221	9	Tracker Modules 2 RFI	08/13/04	-17	09/08/04				◆								
4	1M1000250	9	Flight Tracker Tower 3 RFI	08/13/04	-17	09/08/04				◆								
4	1M1000251	9	Flight Tracker Tower 4 RFI	09/20/04	-18	10/14/04				◆								
4	1M1000260	9	Flight Tracker Tower 5 RFI	09/20/04	-18	10/14/04				◆								
4	1M1000261	9	Flight Tracker Tower 6 RFI	10/11/04	-19	11/05/04				◆								
4	1M1000270	9	Flight Tracker Tower 7 RFI	10/11/04	-19	11/05/04				◆								
4	1M1000271	9	Flight Tracker Tower 8 RFI	11/02/04	-16	11/24/04				◆								
4	1M1000280	9	Flight Tracker Tower 9 RFI	11/02/04	-16	11/24/04				◆								
4	1M1000281	9	Flight Tracker Tower 10 RFI	11/23/04	-16	12/17/04				◆								
4	1M1000290	9	Flight Tracker Tower 11 RFI	11/23/04	-16	12/17/04				◆								
4	1M1000291	9	Flight Tracker Tower 12 RFI	12/07/04	-19	01/11/05				◆								

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 Data Date 02/01/04
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GLAST LAT PROJECT
Level 3 Milestones
Sort by Subsystem

LT-T3: Level 3 sort by Subsystem (tb)
 FL-T3: L3 Milestones from Oct03 on
 Sheet 1



Level 3 Milestones by Subsystem

AV	Activity ID	ND	Activity Description	Baseline Finish	Bsln Var	Early Finish	Gantt Chart											
							FY04				FY05				FY06			
							Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
4.1.4 Tracker																		
4	1M1000300	9	Flight Tracker Tower 13 RFI	12/07/04	-19	01/11/05												
4	1M1000301	9	Flight Tracker Tower 14 RFI	12/21/04	-18	01/25/05												
4	1M1000310	9	Flight Tracker Tower 15 RFI	12/21/04	-18	01/25/05												
4	1M1000311	9	Flight Tracker Tower 16 RFI	01/13/05	-17	02/08/05												
4.1.5 Calorimeter																		
5	1M1000210	9	Calorimeter Modules A RFI	07/09/04	-15	07/30/04												
5	1M1500	9	Calorimeter Modules B RFI	07/09/04	-15	07/30/04												
5	1M1000230	9	Calorimeter Modules 1 RFI	07/30/04	-14	08/19/04												
5	1M1510	9	Calorimeter Modules 2 RFI	08/02/04	-14	08/20/04												
5	1M1000400	9	Flight Calorimeter Tower 3 RFI	08/17/04	-15	09/08/04												
5	1M1520	9	Flight Calorimeter Tower 4 RFI	08/17/04	-15	09/08/04												
5	1M1000390	9	Flight Calorimeter Tower 5 RFI	09/15/04	-15	10/06/04												
5	1M1530	9	Flight Calorimeter Tower 6 RFI	09/15/04	-15	10/06/04												
5	1M1000380	9	Flight Calorimeter Tower 7 RFI	10/11/04	-15	11/01/04												
5	1M1540	9	Flight Calorimeter Tower 8 RFI	10/11/04	-15	11/01/04												
5	1M1000370	9	Flight Calorimeter Tower 9 RFI	11/02/04	-14	11/22/04												
5	1M1550	9	Flight Calorimeter Tower 10 RFI	11/02/04	-14	11/22/04												
5	1M1560	9	Flight Calorimeter Tower 12 RFI	11/15/04	-14	12/07/04												

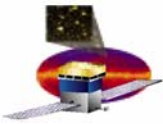
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Data Date 02/01/04

GLAST LAT PROJECT
Level 3 Milestones
Sort by Subsystem

LT-T3: Level 3 sort by Subsystem (tb)
FL-T3: L3 Milestones from Oct03 on

Sheet 2

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Level 3 Milestones by Subsystem

AV	Activity ID	ND	Activity Description	Baseline Finish	Bsln Var	Early Finish	FY04				FY05				FY06		
							Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	
4.1.5 Calorimeter																	
5	1M1000360	9	Flight Calorimeter Tower 11 RFI	11/16/04	-14	12/08/04											
5	1M1000350	9	Flight Calorimeter Tower 13 RFI	12/02/04	-14	12/22/04											
5	1M1570	9	Flight Calorimeter Tower 14 RFI	12/02/04	-14	12/22/04											
5	1M1000340	9	Flight Calorimeter Tower 15 RFI	01/06/05	-3	01/11/05											
5	1M1580	9	Flight Calorimeter Tower 16 RFI	01/06/05	-3	01/11/05											
4.1.6 ACD																	
6	1M1001000	9	ACD Test Scripts (from ACD to	07/01/04	-58	09/23/04											
6	1M1000990	9	ACD Calibration Test Unit at	01/18/05	0	01/18/05											
6	1M1000410	9	ACD Flight Unit at SLAC,	11/03/04	-58	02/04/05											
4.1.7 Electronics																	
7	1M1000920	4	EM2 TEM: Elec to Tracker	01/12/04	-14	02/02/04*											
7	1M1001870	5	5 EM2 TEM/PS for AFEE brd ass	01/15/04	-21	02/17/04											
7	1M74000010	4	Updated EGSE System 1: Elec to	12/08/03	-42	02/17/04											
7	1M7941130	9	EGSE TEM/TEM PS/CTS w/ FE	12/08/03	-42	02/17/04											
7	1M76000020	6	G3 Test Stand (test 2 FREE	12/15/03	-41	02/23/04											
7	1M74000020	4	Updated EGSE System 2: Elec to	12/22/03	-41	03/01/04											
7	1M7941150	9	EGSE TEM/TEM PS/CTS w/ FE	12/22/03	-41	03/01/04											
7	1M74000030	4	Updated EGSE System 3: Elec to	01/07/04	-41	03/08/04											

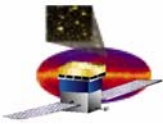
Run Date 02/23/04 09:56
 Data Date 02/01/04

GLAST LAT PROJECT
Level 3 Milestones
Sort by Subsystem

LT-T3: Level 3 sort by Subsystem (tb)
 FL-T3: L3 Milestones from Oct03 on

Sheet 3

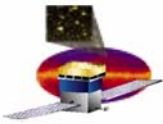
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Level 3 Milestones by Subsystem

AV	Activity ID	ND	Activity Description	Baseline Finish	Bsln Var	Early Finish	FY04				FY05				FY06	
							Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
4.1.7 Electronics																
7	1M7941160	9	EGSE TEM/TEM PS/CTS w/ FE Elec #3-Elec to I&T	01/07/04	-41	03/08/04	◆	▽								
7	1M1001900	5	Test Stations (5) for AFEE: Elec to CAL	01/14/04	-41	03/15/04	◆	▽								
7	1M7941170	9	EGSE TEM/TEM PS/CTS/GASU FE Elec-Elec to I&T	01/14/04	-41	03/15/04	◆	▽								
7	1M7941180	9	EGSE Development Hrdw/FSW 1st Delivr-Elec to I&T	01/22/04	-36	03/15/04	◆	▽								
7	1M1001220	5	EM2 TEM/PS/CTS for FMA from Elec to CAL	01/22/04	-41	03/22/04	◆	▽								
7	1M74000040	4	EGSE System 4: Elec to TKR	01/14/04	-46	03/22/04	◆	▽								
7	1M74000050	4	EGSE System 5: Elec to TKR	01/22/04	-41	03/22/04	◆	▽								
7	1M1001260	5	EM2 TEM/PS/CTS for FMB from Elec to CAL	01/29/04	-41	03/29/04	◆	▽								
7	1M74000060	4	EGSE System 6: Elec to TKR	01/29/04	-41	03/29/04	◆	▽								
7	1M7941190	9	EGSE TEM/TEM PS/CTS #1 for Bldg 33-Elec to I&T	01/29/04	-41	03/29/04	◆	▽								
7	1M1001600	5	EM2 TEM/PS/CTS for FM1 from Elec to CAL	02/05/04	-41	04/05/04	◆	▽								
7	1M7941420	9	EGSE TEM/TEM PS/CTS #2 for Bldg 33-Elec to I&T	02/05/04	-41	04/05/04	◆	▽								
7	1M7941430	9	EGSE TEM/TEM PS/CTS w/ GASU for B33-Elec to I&T	02/05/04	-41	04/05/04	◆	▽								
7	1M1001650	5	EM2 TEM/PS/CTS for FM2 from Elec to CAL	02/12/04	-41	04/12/04	◆	▽								
7	1M74000070	4	EGSE System 7: Elec to TKR	02/12/04	-41	04/12/04	◆	▽								
7	1M74000080	4	EGSE System 8: Elec to TKR	02/12/04	-41	04/12/04	◆	▽								
7	1M74000090	4	EGSE System 9: Elec to TKR	02/20/04	-41	04/19/04	◆	▽								

Run Date	02/23/04 09:56	GLAST LAT PROJECT Level 3 Milestones Sort by Subsystem	LT-T3: Level 3 sort by Subsystem (tb)	Sheet 4
Data Date	02/01/04		FL-T3: L3 Milestones from Oct03 on	
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Level 3 Milestones by Subsystem

AV	Activity ID	ND	Activity Description	Baseline Finish	Bsln Var	Early Finish	FY04				FY05				FY06		
							Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	
4.1.7 Electronics																	
7	1M74000100	4	EGSE System 10: Elec to TKR	02/20/04	-41	04/19/04		◆	▽								
7	1M76000030	6	G3 Test Stand (Flt-like I/F): Elec to	02/20/04	-41	04/19/04		◆	▽								
7	1M1001660	5	EM2 TEM/PS/CTS for FM3 from	02/27/04	-41	04/26/04		◆	▽								
7	1M1001680	5	EM2 TEM/PS/CTS for FM4 from	02/27/04	-41	04/26/04		◆	▽								
7	1M1001720	5	EM2 TEM/PS/CTS for FM5 from	02/27/04	-41	04/26/04		◆	▽								
7	1M1001760	5	EM2 TEM/PS/CTS for FM6 from	03/05/04	-41	05/03/04		◆	▽								
7	1M1001770	5	EM2 TEM/PS/CTS for FM7 from	03/05/04	-41	05/03/04		◆	▽								
7	1M1001780	5	EM2 TEM/PS/CTS for FM8 from	03/05/04	-41	05/03/04		◆	▽								
7	1M79003010	9	Flight Cables Assy A: Elec to I&T	05/10/04	0	05/10/04			▽	TEM/PS/Cables A RFI							
7	1M79003020	9	Flight Cables Assy B: Elec to I&T	05/10/04	0	05/10/04			◆								
7	1M79003030	9	Flight Cables Assy 1: Elec to I&T	06/10/04	0	06/10/04			◆								
7	1M79003040	9	Flight Cables Assy 2: Elec to I&T	06/10/04	0	06/10/04			◆								
7	1M79003050	9	Flight Cables Assy 3: Elec to I&T	06/10/04	0	06/10/04			◆								
7	1M79003060	9	Flight Cables Assy 4: Elec to I&T	06/10/04	0	06/10/04			◆								
7	1M79002010	9	Flight TEM PS Assy A: Elec to I&T	05/12/04	-21	06/11/04			◆	TEM/PS/Cables A RFI							
7	1M79002020	9	Flight TEM PS Assy B: Elec to I&T	05/19/04	-21	06/18/04			◆								
7	1M79003070	9	Flight Cables Assy 5: Elec to I&T	06/28/04	0	06/28/04			◆								

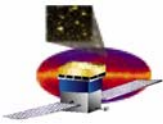
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GLAST LAT PROJECT
Level 3 Milestones
Sort by Subsystem

LT-T3: Level 3 sort by Subsystem (tb)
 FL-T3: L3 Milestones from Oct03 on

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Level 3 Milestones by Subsystem

AV	Activity ID	ND	Activity Description	Baseline Finish	Bsln Var	Early Finish	FY04				FY05				FY06		
							Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	
4.1.7 Electronics																	
7	1M79003080	9	Flight Cables Assy 6: Elec to I&T	06/28/04	0	06/28/04				▽							
7	1M79003090	9	Flight Cables Assy 7: Elec to I&T	06/28/04	0	06/28/04				▽							
7	1M79003100	9	Flight Cables Assy 8: Elec to I&T	06/28/04	0	06/28/04				▽							
7	1M79003110	9	Flight Cables Assy 9: Elec to I&T	06/28/04	0	06/28/04				▽							
7	1M79003120	9	Flight Cables Assy 10: Elec to I&T	06/28/04	0	06/28/04				▽							
7	1M79001010	9	Flight TEM Assy A: Elec to I&T	06/07/04	-19	07/02/04				▽	TEM/PS/Cables A RFI						
7	1M79001020	9	Flight TEM Assy B: Elec to I&T	06/14/04	-19	07/12/04				▽							
7	1M79003130	9	Flight Cables Assy 11: Elec to I&T	07/15/04	0	07/15/04				▽							
7	1M79003140	9	Flight Cables Assy 12: Elec to I&T	07/15/04	0	07/15/04				▽							
7	1M79003150	9	Flight Cables Assy 13: Elec to I&T	07/15/04	0	07/15/04				▽							
7	1M79003160	9	Flight Cables Assy 14: Elec to I&T	07/15/04	0	07/15/04				▽	TEM/PS/Cables 14 RFI						
7	1M79003170	9	Flight Cables Assy 15: Elec to I&T	07/15/04	0	07/15/04				▽							
7	1M79003180	9	Flight Cables Assy 16: Elec to I&T	07/15/04	0	07/15/04				▽							
7	1M79002030	9	Flight TEM PS Assy 1: Elec to I&T	07/01/04	-21	08/02/04				▽							
7	1M79002040	9	Flight TEM PS Assy 2: Elec to I&T	07/09/04	-21	08/09/04				▽							
7	1M79002050	9	Flight TEM PS Assy 3: Elec to I&T	07/16/04	-21	08/16/04				▽							
7	1M79002060	9	Flight TEM PS Assy 4: Elec to I&T	07/23/04	-21	08/23/04				▽							

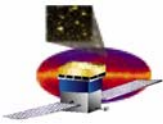
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 Data Date 02/01/04

GLAST LAT PROJECT
Level 3 Milestones
Sort by Subsystem

LT-T3: Level 3 sort by Subsystem (tb)
 FL-T3: L3 Milestones from Oct03 on

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Level 3 Milestones by Subsystem

AV	Activity ID	ND	Activity Description	Baseline Finish	Bsln Var	Early Finish	FY04				FY05				FY06		
							Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	
4.1.7 Electronics																	
7	1M79001030	9	Flight TEM Assy 1: Elec to I&T	08/03/04	-19	08/30/04											
7	1M79002070	9	Flight TEM PS Assy 5: Elec to I&T	07/30/04	-21	08/30/04											
7	1M79001040	9	Flight TEM Assy 2: Elec to I&T	08/10/04	-19	09/07/04											
7	1M79002080	9	Flight TEM PS Assy 6: Elec to I&T	08/06/04	-21	09/07/04											
7	1M79001050	9	Flight TEM Assy 3: Elec to I&T	08/17/04	-19	09/14/04											
7	1M79002090	9	Flight TEM PS Assy 7: Elec to I&T	08/13/04	-21	09/14/04											
7	1M79001060	9	Flight TEM Assy 4: Elec to I&T	08/24/04	-19	09/21/04											
7	1M79002100	9	Flight TEM PS Assy 8: Elec to I&T	08/20/04	-21	09/21/04											
7	1M79002110	9	Flight TEM PS Assy 9: Elec to I&T	08/25/04	-21	09/24/04											
7	1M79001070	9	Flight TEM Assy 5: Elec to I&T	08/31/04	-19	09/28/04											
7	1M79002120	9	Flight TEM PS Assy 10: Elec to	08/30/04	-21	09/29/04											
7	1M79002130	9	Flight TEM PS Assy 11: Elec to	09/02/04	-21	10/04/04											
7	1M79001080	9	Flight TEM Assy 6: Elec to I&T	09/08/04	-19	10/05/04											
7	1M79002140	9	Flight TEM PS Assy 12: Elec to	09/08/04	-21	10/07/04											
7	1M79001090	9	Flight TEM Assy 7: Elec to I&T	09/15/04	-19	10/12/04											
7	1M79002150	9	Flight TEM PS Assy 13: Elec to	09/13/04	-21	10/12/04											
7	1M79002160	9	Flight TEM PS Assy 14: Elec to	09/16/04	-21	10/15/04											

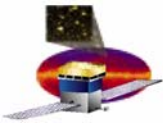
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 Data Date 02/01/04

GLAST LAT PROJECT
Level 3 Milestones
Sort by Subsystem

LT-T3: Level 3 sort by Subsystem (tb)
 FL-T3: L3 Milestones from Oct03 on

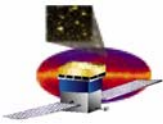
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Level 3 Milestones by Subsystem

AV	Activity ID	ND	Activity Description	Baseline Finish	Bsln Var	Early Finish	FY04				FY05				FY06		
							Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	
4.1.7 Electronics																	
7	1M79001100	9	Flight TEM Assy 8: Elec to I&T	09/22/04	-19	10/19/04					▽						
7	1M79002170	9	Flight TEM PS Assy 15: Elec to	09/21/04	-21	10/20/04					◆	▽					
7	1M79002180	9	Flight TEM PS Assy 16: Elec to	09/24/04	-21	10/25/04					◆	▽					
7	1M79001110	9	Flight TEM Assy 9: Elec to I&T	09/29/04	-19	10/26/04					◆	▽					
7	1M7941440	9	Final EGSE incl S/C Sim,	12/13/04	30	10/28/04					◆	▽					
7	1M79001120	9	Flight TEM Assy 10: Elec to I&T	10/06/04	-19	11/02/04					◆	▽					
7	1M79001130	9	Flight TEM Assy 11: Elec to I&T	10/13/04	-19	11/09/04					◆	▽					
7	1M79001140	9	Flight TEM Assy 12: Elec to I&T	10/20/04	-19	11/16/04					◆	▽					
7	1M7941110	9	Flight Harness-Elec to I&T	10/20/04	-19	11/16/04					◆	▽	DAQ RFI				
7	1M79001150	9	Flight TEM Assy 13: Elec to I&T	10/27/04	-19	11/23/04					◆	▽					
7	1M79001160	9	Flight TEM Assy 14: Elec to I&T	11/03/04	-19	12/02/04					◆	▽	TEM/PS Cables 14 RF				
7	1M79001170	9	Flight TEM Assy 15: Elec to I&T	11/10/04	-19	12/09/04					◆	▽					
7	1M7941090	9	Flight Event Processor Units-Elec	11/01/04	-26	12/09/04					◆	▽	DAQ RFI				
7	1M79001180	9	Flight TEM Assy 16: Elec to I&T	11/17/04	-19	12/16/04					◆	▽					
7	1M7941080	9	Flight SIU-Elec to I&T	10/13/04	-58	01/13/05					◆	▽	DAQ RFI				
7	1M7942000	9	Flight PDU Box-Elec to I&T	10/13/04	-58	01/13/05					◆	▽	DAQ RFI				
7	1M7941070	9	Flight GASU Box-Elec to I&T	10/25/04*	-53	01/19/05					◆	▽	DAQ RFI				



Level 3 Milestones by Subsystem

AV	Activity ID	ND	Activity Description	Baseline Finish	Bsln Var	Early Finish	FY04				FY05				FY06		
							Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	
4.1.8 Mechanical																	
8	1M1001380	9	Delivery of EM (1X4) Grid to I&T/MSGE	12/19/03	-41	02/27/04	◆	▽									
8	1M1000240	9	Flight Grid RFI-Mech to I&T	06/11/04	-17	07/07/04			◆								
8	1M941710	9	X-LAT Thermal Plate RFI from Mech to I&T	08/12/04	0	08/12/04				◆							
8	1M941720	9	Radiators ready for I&T (from Mech to I&T)	03/17/05	-32	05/02/05					◆						
4.1.9 I&T																	
9	1M1001790	5	EM2 TEM/PS for FM9 (return FMA) from I&T to CAL	07/23/04	-15	08/13/04				◆							
9	1M1001800	5	EM2 TEM/PS for FM10 (return FMB)from Elec to CAL	07/23/04	-15	08/13/04				◆							
9	1M1001810	5	EM2 TEM/PS for FM11 (return FM1) from I&T to CAL	08/13/04	-14	09/02/04				◆							
9	1M1001820	5	EM2 TEM/PS for FM12 (return FM2) from I&T to CAL	08/16/04	-14	09/03/04				◆							
9	1M1001830	5	EM2 TEM/PS for FM13 (return FM3) from I&T to CAL	08/31/04	-15	09/22/04				◆							
9	1M1001840	5	EM2 TEM/PS for FM14 (return FM4) from I&T to CAL	08/31/04	-15	09/22/04				◆							
9	1M1001850	5	EM2 TEM/PS for FM15 (return FM5) from I&T to CAL	09/29/04	-15	10/20/04				◆							
9	1M1001860	5	EM2 TEM/PS for FM16 (return FM6) from I&T to CAL	09/29/04	-15	10/20/04				◆							
9	1M1000130	2	LAT Ready to Ship to NRL for Env Test	05/13/05	-17	06/08/05					◆						
4.1.B IOC																	
B	1M005480	B	IOC CDR	03/12/04	0	03/12/04		▽									
B	1M1000112	B	Mission Operations Review (L-21mo.)	11/10/04	0	11/10/04				◆							
B	1M7941270	B	Ground System Interface Test start	11/10/04	0	11/10/04				◆							