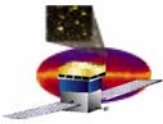


LAT Cost & Schedule Status Overview

April 2004

Tanya Boysen
LAT Project Controls Manager



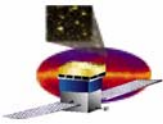
CPR Level 3

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: 3/31/2004 4/30/2004			
CAPW[3]			Current Period			Cumulative to Date					At Completion		
Item (1)	Budgeted Cost		Actual Cost	Variance		Budgeted Cost		Actual Cost	Variance		Budgeted (12)	Latest Revised Estimate (13)	Variance (14)
	Work Scheduled (2)	Work Performed (3)	Work Performed (4)	Schedule (5)	Cost (6)	Work Scheduled (7)	Work Performed (8)	Work Performed (9)	Schedule (10)	Cost (11)			
4.1.1 INSTRUMENT MANAGEMENT	353	353	417	0	-64	11,715	11,715	11,874	0	-159	15,868	15,868	0
4.1.2 SYSTEM ENGINEERING	151	181	118	30	63	4,853	4,853	4,672	0	181	6,601	6,601	0
4.1.4 TRACKER	643	471	474	-172	-3	12,669	11,958	11,852	-712	106	15,046	15,046	0
4.1.5 CALORIMETER	727	443	600	-284	-157	16,157	15,390	14,796	-767	594	22,103	22,103	0
4.1.6 ANTICOINCIDENCE DETECTOR	237	293	616	56	-323	12,610	11,991	11,960	-619	31	13,918	13,918	0
4.1.7 ELECTRONICS	950	547	925	-403	-378	14,118	13,153	13,719	-965	-566	20,443	20,443	0
4.1.8 MECHANICAL SYSTEMS	500	694	293	195	401	8,626	8,596	8,470	-30	126	14,106	14,106	0
4.1.9 INTEGRATION & TEST	377	286	321	-90	-35	3,795	3,634	3,643	-161	-9	7,373	7,373	0
4.1.A PERFORMANCE AND SAFETY ASSURANCE	123	123	195	0	-72	1,731	1,731	1,429	0	301	2,469	2,469	0
4.1.B LAT INSTRUMENT SCIENCE OPERATIONS CENTER	4	4	0	0	4	279	279	295	0	-17	328	328	0
4.1.C EDUCATION AND PUBLIC OUTREACH	101	86	79	-15	7	1,626	1,607	1,365	-20	242	2,448	2,448	0
4.1.D SCIENCE ANALYSIS SOFTWARE	76	76	43	0	33	2,013	2,013	1,863	0	150	3,117	3,117	0
4.1.E SUBORBITAL FLIGHT TEST	0	0	0	0	0	1,325	1,325	1,325	0	0	1,325	1,325	0
Gen. and Admin.	0	0	0	0	0	0	0	0	0	0	0	0	0
Undist. Budget											0	0	0
Sub Total	4,241	3,557	4,081	-684	-524	91,518	88,243	87,264	-3,274	979	125,145	125,145	0
Management Resrv.											11,444	11,444	0
Total	4,241	3,557	4,081	-684	-524	91,518	88,243	87,264	-3,274	979	136,589	136,589	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	125,145	91,518	88,244	87,264	-3,274	979	73.13	70.51	69.73	↓	↓	0.964	1.011	123,756	125,110
2	4.1.1	15,868	11,715	11,715	11,874	0	-159	73.83	73.83	74.83	↔	↓	1.000	0.987	16,084	16,084
3	4.1.2	6,601	4,853	4,853	4,672	0	181	73.52	73.52	70.78	↑	↑	1.000	1.039	6,355	6,355
4	4.1.4	15,046	12,669	11,958	11,852	-712	106	84.21	79.48	78.77	↓	↔	0.944	1.009	14,913	15,095
5	4.1.5	22,103	16,157	15,390	14,796	-767	594	73.10	69.63	66.94	↓	↓	0.953	1.040	21,250	21,572
6	4.1.6	13,918	12,610	11,991	11,960	-619	31	90.60	86.15	85.93	↑	↓	0.951	1.003	13,882	13,981
7	4.1.7	20,443	14,118	13,153	13,719	-965	-566	69.06	64.34	67.11	↓	↓	0.932	0.959	21,323	21,881
8	4.1.8	14,106	8,626	8,596	8,470	-30	126	61.15	60.94	60.05	↑	↑	0.996	1.015	13,900	13,919
9	4.1.9	7,373	3,795	3,634	3,643	-161	-9	51.47	49.29	49.40	↓	↓	0.958	0.998	7,391	7,557
10	4.1.A	2,469	1,731	1,731	1,429	0	302	70.10	70.10	57.89	↔	↓	1.000	1.211	2,039	2,039
11	4.1.B	328	279	279	295	0	-17	85.09	85.09	90.14	↔	↑	1.000	0.944	347	347
12	4.1.C	2,448	1,626	1,607	1,365	-20	242	66.42	65.62	55.75	↓	↔	0.988	1.177	2,080	2,089
13	4.1.D	3,117	2,013	2,013	1,863	0	150	64.58	64.58	59.78	↔	↑	1.000	1.080	2,885	2,885
14	4.1.E	1,325	1,325	1,325	1,325	0	0	100.00	100.00	99.98	↔	↔	1.000	1.000	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

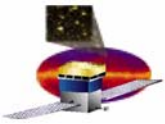
% BCWP: Percent Complete = BCWP/BAC

% ACWP: Percent Spent = ACWP/BAC

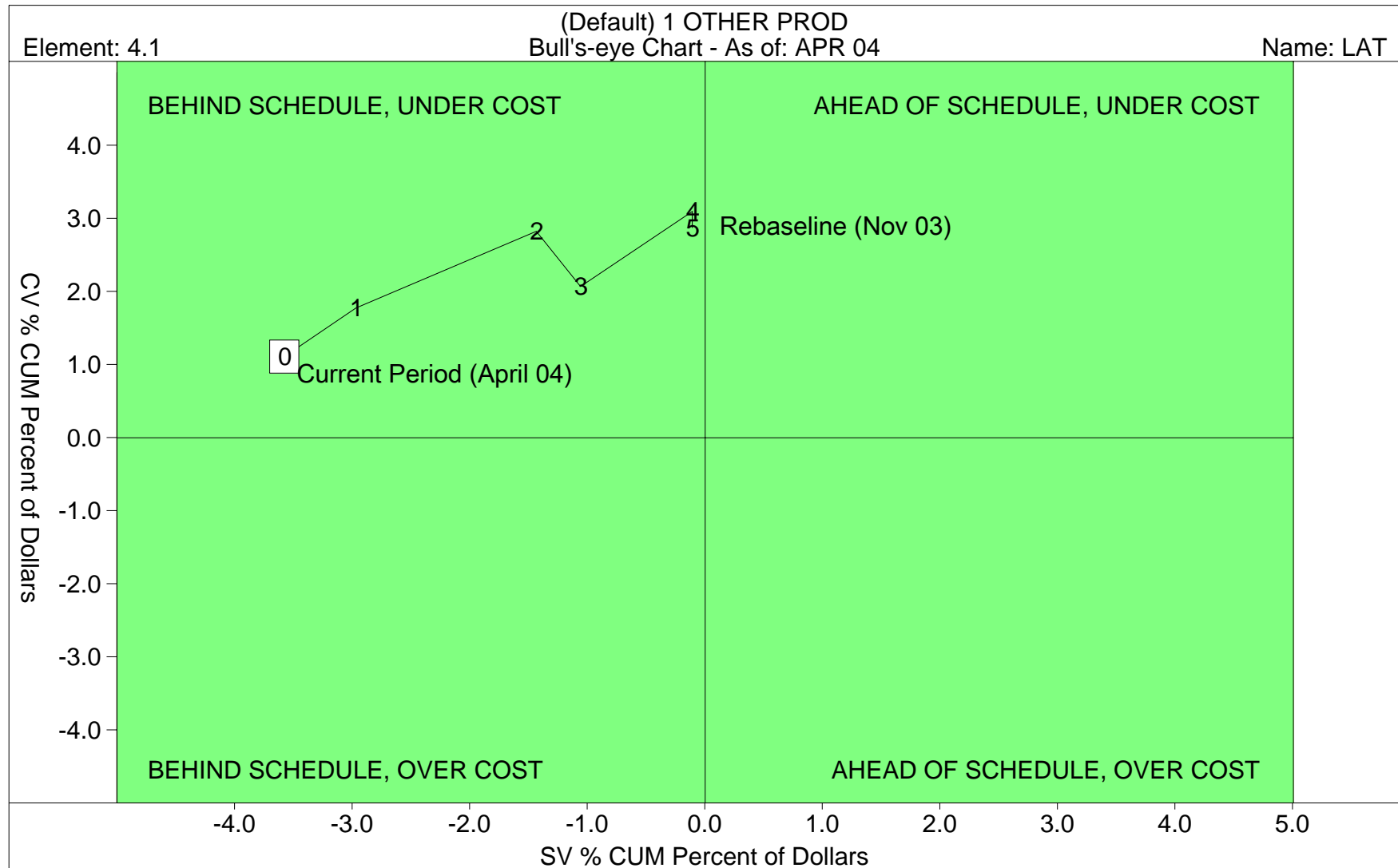
Cpi_Fcst: CPI (to date) EAC Forecast = BAC / CPI

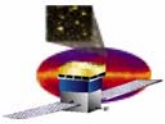
CpiSpi_Fcst: Combination CPI and SPI EAC Forecast = ACWP + (BAC - BCWP) / (CPI * SPI)

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

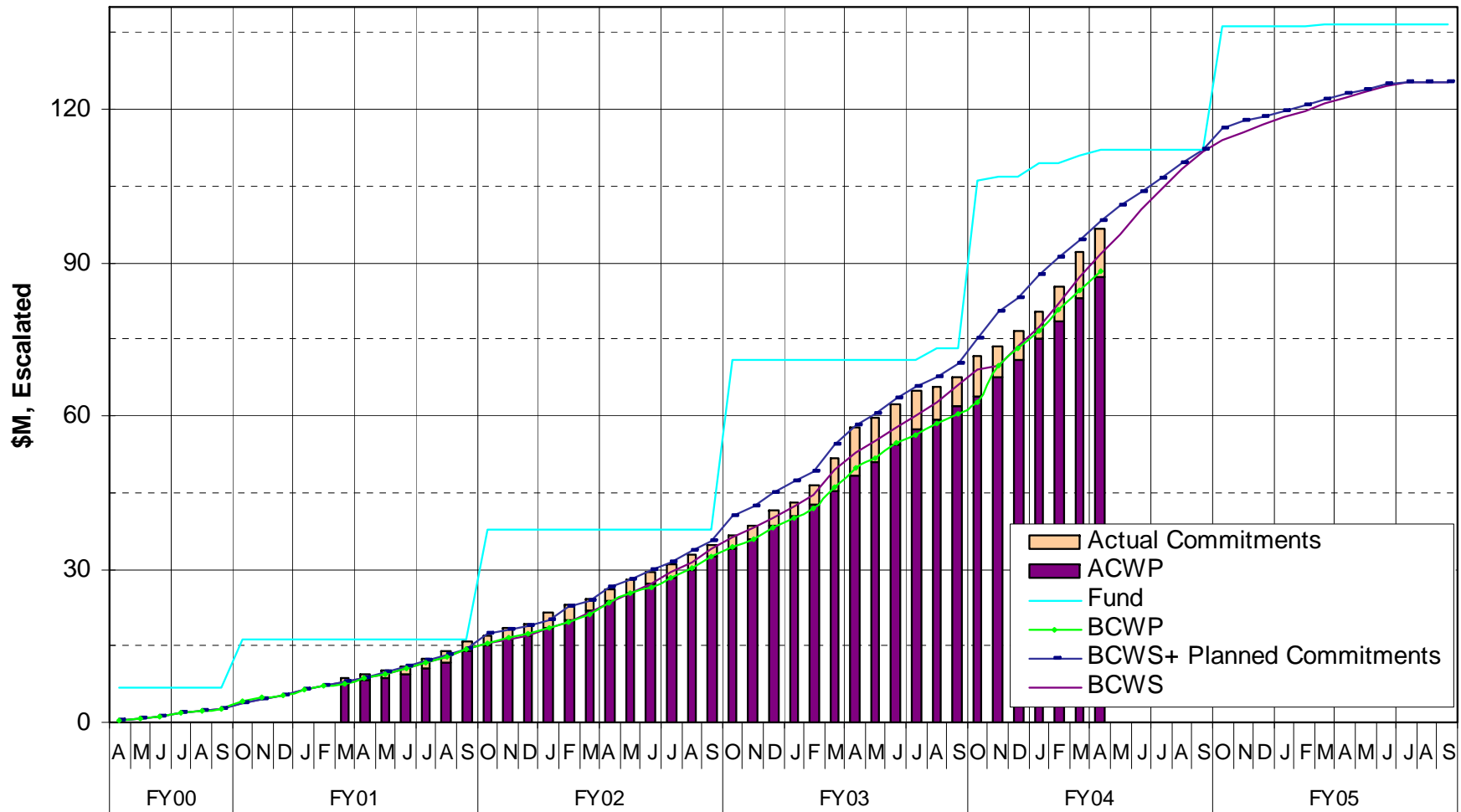


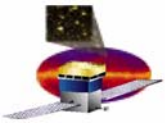
Variance Analysis



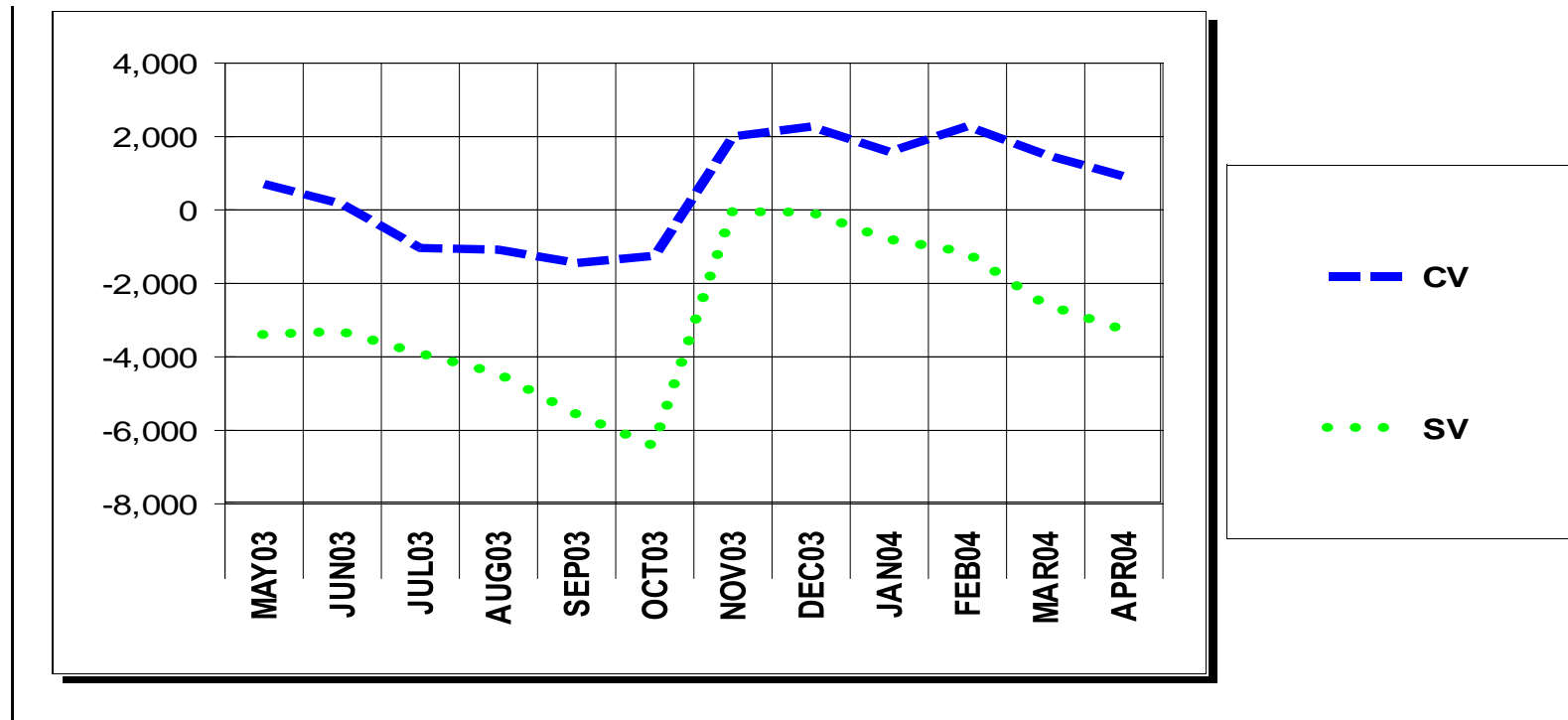


Budget, Cost, Funding, Performance

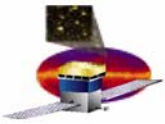




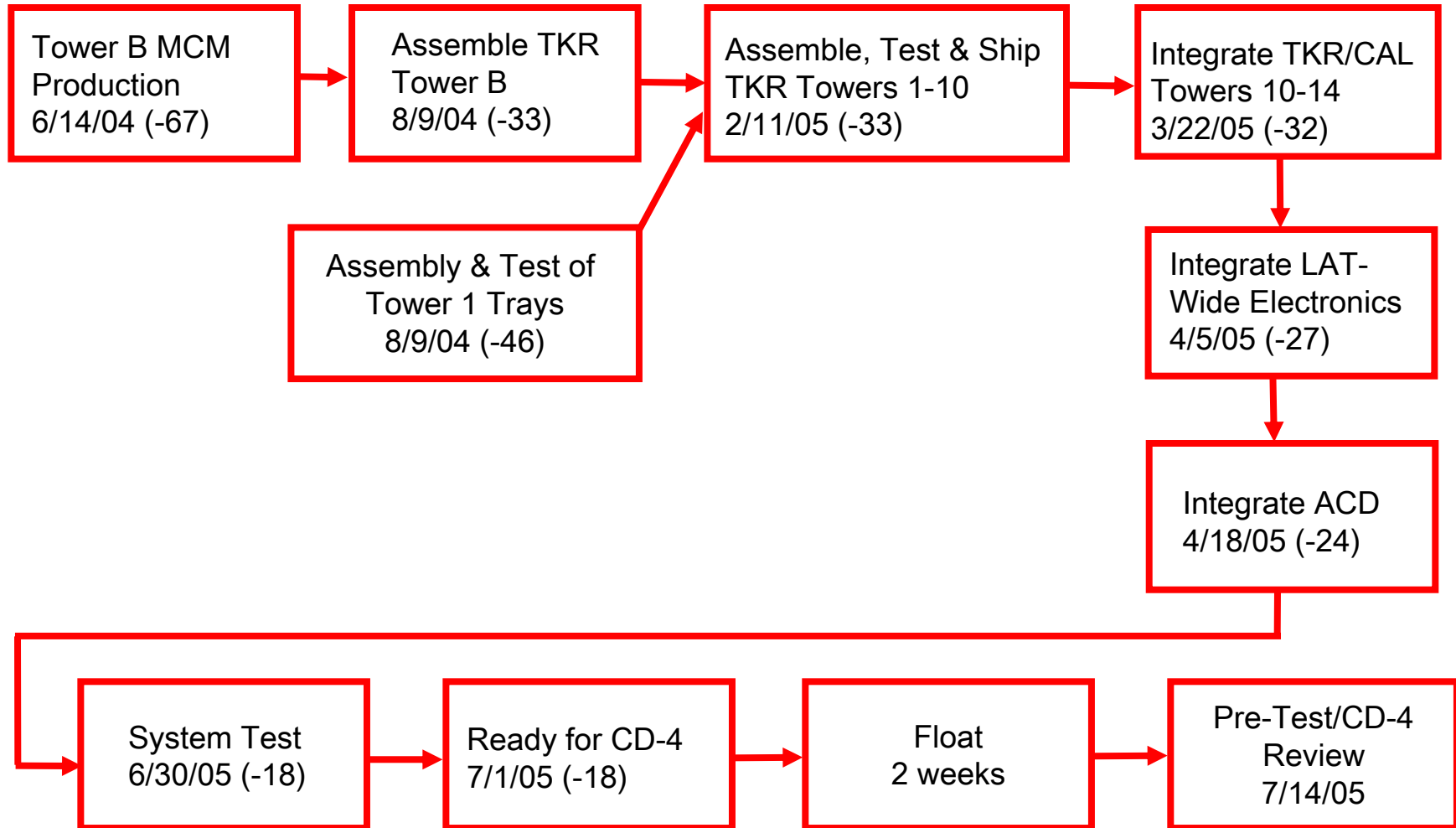
CV and SV Chart



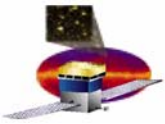
	MAY03	JUN03	JUL03	AUG03	SEP03	OCT03	NOV03	DEC03	JAN04	FEB04	MAR04	APR04
BCWS	55,251	57,895	60,155	62,818	66,122	69,093	69,801	73,433	77,394	81,916	87,277	91,518
BCWP	51,835	54,564	56,229	58,348	60,548	62,648	69,724	73,353	76,574	80,742	84,687	88,243
ACWP	51,125	54,402	57,264	59,429	61,990	63,894	67,721	71,081	74,989	78,460	83,184	87,264
CV	710	162	-1,035	-1,081	-1,443	-1,246	2,003	2,271	1,585	2,281	1,503	979
SV	-3,416	-3,331	-3,926	-4,469	-5,574	-6,445	-76	-80	-820	-1,175	-2,590	-3,274



Current Critical Path

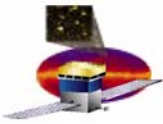


Completion Dates (Baseline Variance)



Current Critical Paths

- **1st Critical Path – Tracker tower B MCMs & assembly of Tower 1 trays:** 2 weeks float to “Ready for CD-4 Review”
- **2nd Critical Path – EGSE system #4 to Tracker:** 2 days behind 1st critical path
- **3rd Critical Path – Tracker tower A MCMs & assembly of ladders to trays:** 2 days behind 2nd critical path
- **4th Critical Path – Various EGSE deliveries to I&T:** 6 days behind 3rd critical path
- TEM PCC fabrication drives start of integration of Module A (7 weeks delayed). TKR/CAL TEM electronics PCB's 1 day behind.



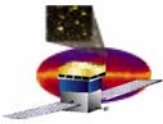
Level 3 Milestones by Subsystem

AV	Activity ID	ND	Activity Description	Baseline Finish	Bsln Var	Early Finish	FY04				FY05						
							Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
Instrument Project Office (Level 3)																	
4.1.1 Instrument Management																	
1	1M1001920		Ready for CD-4 Review	06/07/05	-18	07/01/05										▼	
4.1.4 Tracker																	
4	1M1001430	9	Delv of TKR EM to SLAC I&T/MGSE	01/02/04	-122	06/25/04	◆			▼							
4	1M1000200	9	Tracker Modules A RFI	07/28/04	-27	09/03/04				◆	▼						
4	1M1000201	9	Tracker Modules B RFI	08/18/04	-32	10/04/04				◆	▼						
4	1M1000220	9	Tracker Modules 1 RFI	08/18/04	-32	10/04/04				◆	▼						
4	1M1000221	9	Tracker Modules 2 RFI	09/08/04	-33	10/25/04				◆	▼						
4	1M1000250	9	Flight Tracker Tower 3 RFI	09/08/04	-33	10/25/04				◆	▼						
4	1M1000251	9	Flight Tracker Tower 4 RFI	10/14/04	-32	12/01/04				◆	▼						
4	1M1000260	9	Flight Tracker Tower 5 RFI	10/14/04	-32	12/01/04				◆	▼						
4	1M1000261	9	Flight Tracker Tower 6 RFI	11/05/04	-31	12/22/04				◆	▼						
4	1M1000270	9	Flight Tracker Tower 7 RFI	11/05/04	-31	12/22/04				◆	▼						
4	1M1000271	9	Flight Tracker Tower 8 RFI	11/24/04	-33	01/21/05				◆	▼						
4	1M1000280	9	Flight Tracker Tower 9 RFI	11/24/04	-33	01/21/05				◆	▼						
4	1M1000281	9	Flight Tracker Tower 10 RFI	12/17/04	-33	02/11/05				◆	▼						

Run Date 05/28/04 15:26
 Data Date 05/01/04
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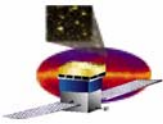
GLAST LAT PROJECT
Level 3 Milestones
Sort by Subsystem

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



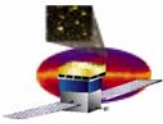
Level 3 Milestones by Subsystem

AV	Activity ID	ND	Activity Description	Baseline Finish	Bsln Var	Early Finish	FY04				FY05					
							Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
4.1.4 Tracker																
4	1M1000290	9	Flight Tracker Tower 11 RFI	12/17/04	-33	02/11/05										
4	1M1000291	9	Flight Tracker Tower 12 RFI	01/11/05	-31	02/25/05										
4	1M1000300	9	Flight Tracker Tower 13 RFI	01/11/05	-31	02/25/05										
4	1M1000301	9	Flight Tracker Tower 14 RFI	01/25/05	-32	03/11/05										
4	1M1000310	9	Flight Tracker Tower 15 RFI	01/25/05	-33	03/14/05										
4	1M1000311	9	Flight Tracker Tower 16 RFI	02/08/05	-34	03/29/05										
4.1.5 Calorimeter																
5	1M1000210	9	Calorimeter Modules A RFI	07/09/04	-41	09/07/04										
5	1M1500	9	Calorimeter Modules B RFI	07/09/04	-62	10/06/04										
5	1M1000230	9	Calorimeter Modules 1 RFI	07/30/04	-57	10/20/04										
5	1M1510	9	Calorimeter Modules 2 RFI	08/02/04	-57	10/21/04										
5	1M1000400	9	Flight Calorimeter Tower 3 RFI	08/17/04	-51	10/28/04										
5	1M1520	9	Flight Calorimeter Tower 4 RFI	08/17/04	-51	10/28/04										
5	1M1000390	9	Flight Calorimeter Tower 5 RFI	09/15/04	-39	11/09/04										
5	1M1530	9	Flight Calorimeter Tower 6 RFI	09/15/04	-39	11/09/04										
5	1M1000380	9	Flight Calorimeter Tower 7 RFI	10/11/04	-27	11/17/04										
Run Date		05/28/04 15:26		GLAST LAT PROJECT Level 3 Milestones Sort by Subsystem			LT-T3: Level 3 sort by Subsystem (tb)				Sheet 2					
Data Date		05/01/04					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					
							Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
4.1.5 Calorimeter																
5	1M1540	9	Flight Calorimeter Tower 8 RFI	10/11/04	-27	11/17/04										
5	1M1000370	9	Flight Calorimeter Tower 9 RFI	11/02/04	-35	12/23/04										
5	1M1550	9	Flight Calorimeter Tower 10 RFI	11/02/04	-35	12/23/04										
5	1M1560	9	Flight Calorimeter Tower 12 RFI	11/15/04	-38	01/19/05										
5	1M1000360	9	Flight Calorimeter Tower 11 RFI	11/16/04	-38	01/20/05										
5	1M1000350	9	Flight Calorimeter Tower 13 RFI	12/02/04	-34	01/28/05										
5	1M1570	9	Flight Calorimeter Tower 14 RFI	12/02/04	-34	01/28/05										
5	1M1000340	9	Flight Calorimeter Tower 15 RFI (Spare)	01/06/05	-18	02/02/05										
5	1M1580	9	Flight Calorimeter Tower 16 RFI (Spare)	01/06/05	-18	02/02/05										
4.1.6 ACD																
6	1M1001000	9	ACD Test Scripts (from ACD to I&T)	07/01/04	-10	07/16/04										
6	1M1000410	9	ACD Flight Unit at SLAC, Tested/Inspected & RFI	11/03/04	-42	01/12/05										
6	1M1000990	9	ACD Calibration Test Unit at SLAC, Tested & RFI	01/18/05	0	01/18/05										
4.1.7 Electronics																
7	1M76000010	6	3rd G2 Test Stand: Elec to ACD	12/08/03	0	12/08/03A										
7	1M1000920	4	EM2 TEM: Elec to Tracker	01/12/04	-55	03/31/04A										
Run Date 05/28/04 15:26							GLAST LAT PROJECT				LT-T3: Level 3 sort by Subsystem (tb)				Sheet 3	
Data Date 05/01/04							Level 3 Milestones				FL-T3: L3 Milestones from Oct03 on					
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Level 3 Milestones by Subsystem

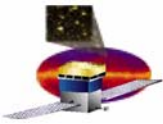
AV	Activity ID	ND	Activity Description	Baseline Finish	Bsln Var	Early Finish	FY04				FY05					
							Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
4.1.7 Electronics																
7	1M74000010	4	Updated EGSE System 1: Elec to TKR	12/08/03	-80	04/09/04A	◆		▼							
7	1M76000020	6	G3 Test Stand (test 2 FREE Cards): Elec to ACD	12/15/03	-84	04/22/04A	◆		▼							
7	1M74000020	4	Updated EGSE System 2: Elec to TKR	12/22/03	-82	04/27/04A	◆		▼							
7	1M76000030	6	G3 Test Stand (Fit-like I/F): Elec to ACD	02/20/04	-64	05/20/04		◆		▽						
7	1M7941130	9	EGSE TEM/TEM PS/CTS w/ FE Elec #1-Elec to I&T	12/08/03	-109	05/20/04	◆			▽						
7	1M1001900	5	Test Stations (5) for AFEE: Elec to CAL	01/14/04	-94	05/27/04		◆		▽						
7	1M1001870	5	5 EM2 TEM/PS for AFEE brd ass & tst: Elec to CAL	01/15/04	-94	05/28/04		◆		▽						
7	1M74000030	4	Updated EGSE System 3: Elec to TKR	01/07/04	-104	06/04/04		◆		▽						
7	1M74000040	4	EGSE System 4: Elec to TKR	01/14/04	-99	06/04/04		◆		▽						
7	1M74000050	4	EGSE System 5: Elec to TKR	01/22/04	-94	06/04/04		◆		▽						
7	1M1001220	5	EM2 TEM/PS/CTS for FMA from Elec to CAL	01/22/04	-101	06/15/04		◆		▽						
7	1M7941150	9	EGSE TEM/TEM PS/CTS w/ FE Elec #2-Elec to I&T	12/22/03	-116	06/15/04		◆		▽						
7	1M7941160	9	EGSE TEM/TEM PS/CTS w/ FE Elec #3-Elec to I&T	01/07/04	-111	06/15/04		◆		▽						
7	1M7941170	9	EGSE TEM/TEM PS/CTS/GASU FE Elec-Elec to I&T	01/14/04	-106	06/15/04		◆		▽						
7	1M7941180	9	EGSE Development Hrdw/FSW 1st Delivr-Elec to I&T	01/22/04	-104	06/18/04		◆		▽						
7	1M1001260	5	EM2 TEM/PS/CTS for FMB from Elec to CAL	01/29/04	-104	06/25/04		◆		▽						

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 Data Date 05/01/04
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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 4



Level 3 Milestones by Subsystem

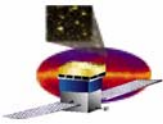
AV	Activity ID	ND	Activity Description	Baseline Finish	Bsln Var	Early Finish	FY04				FY05					
							Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
4.1.7 Electronics																
7	1M74000060	4	EGSE System 6: Elec to TKR	01/29/04	-104	06/25/04		◆		▽						
7	1M7941190	9	EGSE TEM/TEM PS/CTS #1 for Bldg 33-Elec to I&T	01/29/04	-104	06/25/04		◆		▽						
7	1M1001600	5	EM2 TEM/PS/CTS for FM1 from Elec to CAL	02/05/04	-104	07/02/04		◆		▽						
7	1M7941420	9	EGSE TEM/TEM PS/CTS #2 for Bldg 33-Elec to I&T	02/05/04	-104	07/02/04		◆		▽						
7	1M7941430	9	EGSE TEM/TEM PS/CTS w/ GASU for B33-Elec to I&T	02/05/04	-104	07/02/04		◆		▽						
7	1M79003010	9	Flight Cables Assy A: Elec to I&T	05/10/04	-42	07/09/04			◆		▽					
7	1M79003020	9	Flight Cables Assy B: Elec to I&T	05/10/04	-42	07/09/04			◆		▽					
7	1M1001650	5	EM2 TEM/PS/CTS for FM2 from Elec to CAL	02/12/04	-104	07/12/04		◆		▽						
7	1M74000070	4	EGSE System 7: Elec to TKR	02/12/04	-104	07/12/04		◆		▽						
7	1M74000080	4	EGSE System 8: Elec to TKR	02/12/04	-104	07/12/04		◆		▽						
7	1M74000090	4	EGSE System 9: Elec to TKR	02/20/04	-104	07/19/04		◆		▽						
7	1M74000100	4	EGSE System 10: Elec to TKR	02/20/04	-104	07/19/04		◆		▽						
7	1M1001660	5	EM2 TEM/PS/CTS for FM3 from Elec to CAL	02/27/04	-104	07/26/04		◆		▽						
7	1M1001680	5	EM2 TEM/PS/CTS for FM4 from Elec to CAL	02/27/04	-104	07/26/04		◆		▽						
7	1M1001720	5	EM2 TEM/PS/CTS for FM5 from Elec to CAL	02/27/04	-104	07/26/04		◆		▽						
7	1M1001760	5	EM2 TEM/PS/CTS for FM6 from Elec to CAL	03/05/04	-104	08/02/04		◆		▽						

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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 5



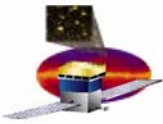
Level 3 Milestones by Subsystem

AV	Activity ID	ND	Activity Description	Baseline Finish	Bsln Var	Early Finish	FY04				FY05					
							Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
4.1.7 Electronics																
7	1M1001770	5	EM2 TEM/PS/CTS for FM7 from Elec to CAL	03/05/04	-104	08/02/04		◆		▽						
7	1M1001780	5	EM2 TEM/PS/CTS for FM8 from Elec to CAL	03/05/04	-104	08/02/04		◆		▽						
7	1M79003030	9	Flight Cables Assy 1: Elec to I&T	06/10/04	-42	08/10/04			◆	▽						
7	1M79003040	9	Flight Cables Assy 2: Elec to I&T	06/10/04	-42	08/10/04			◆	▽						
7	1M79003050	9	Flight Cables Assy 3: Elec to I&T	06/10/04	-42	08/10/04			◆	▽						
7	1M79003060	9	Flight Cables Assy 4: Elec to I&T	06/10/04	-42	08/10/04			◆	▽						
7	1M79002010	9	Flight TEM PS Assy A: Elec to I&T	05/12/04	-70	08/20/04			◆	▽						
7	1M79002020	9	Flight TEM PS Assy B: Elec to I&T	05/19/04	-70	08/27/04			◆	▽						
7	1M79003070	9	Flight Cables Assy 5: Elec to I&T	06/28/04	-43	08/27/04			◆	▽						
7	1M79003080	9	Flight Cables Assy 6: Elec to I&T	06/28/04	-43	08/27/04			◆	▽						
7	1M79003090	9	Flight Cables Assy 7: Elec to I&T	06/28/04	-43	08/27/04			◆	▽						
7	1M79003100	9	Flight Cables Assy 8: Elec to I&T	06/28/04	-43	08/27/04			◆	▽						
7	1M79003110	9	Flight Cables Assy 9: Elec to I&T	06/28/04	-43	08/27/04			◆	▽						
7	1M79003120	9	Flight Cables Assy 10: Elec to I&T	06/28/04	-43	08/27/04			◆	▽						
7	1M79001010	9	Flight TEM Assy A: Elec to I&T	06/07/04	-70	09/15/04			◆	▽						
7	1M79003130	9	Flight Cables Assy 11: Elec to I&T	07/15/04	-43	09/15/04			◆	▽						

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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 6



Level 3 Milestones by Subsystem

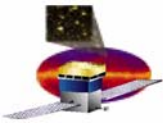
AV	Activity ID	ND	Activity Description	Baseline Finish	Bsln Var	Early Finish	FY04				FY05					
							Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
4.1.7 Electronics																
7	1M79003140	9	Flight Cables Assy 12: Elec to I&T	07/15/04	-43	09/15/04										
7	1M79003150	9	Flight Cables Assy 13: Elec to I&T	07/15/04	-43	09/15/04										
7	1M79003160	9	Flight Cables Assy 14: Elec to I&T	07/15/04	-43	09/15/04										
7	1M79003170	9	Flight Cables Assy 15: Elec to I&T	07/15/04	-43	09/15/04										
7	1M79003180	9	Flight Cables Assy 16: Elec to I&T	07/15/04	-43	09/15/04										
7	1M79001020	9	Flight TEM Assy B: Elec to I&T	06/14/04	-70	09/22/04										
7	1M79002030	9	Flight TEM PS Assy 1: Elec to I&T	07/01/04	-70	10/11/04										
7	1M79002040	9	Flight TEM PS Assy 2: Elec to I&T	07/09/04	-70	10/18/04										
7	1M79002050	9	Flight TEM PS Assy 3: Elec to I&T	07/16/04	-70	10/25/04										
7	1M79002060	9	Flight TEM PS Assy 4: Elec to I&T	07/23/04	-70	11/01/04										
7	1M79002070	9	Flight TEM PS Assy 5: Elec to I&T	07/30/04	-70	11/08/04										
7	1M79001030	9	Flight TEM Assy 1: Elec to I&T	08/03/04	-70	11/10/04										
7	1M79002080	9	Flight TEM PS Assy 6: Elec to I&T	08/06/04	-70	11/15/04										
7	1M79001040	9	Flight TEM Assy 2: Elec to I&T	08/10/04	-70	11/17/04										
7	1M79002090	9	Flight TEM PS Assy 7: Elec to I&T	08/13/04	-70	11/22/04										
7	1M79001050	9	Flight TEM Assy 3: Elec to I&T	08/17/04	-70	11/24/04										

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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 7



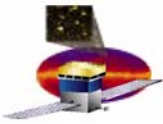
Level 3 Milestones by Subsystem

AV	Activity ID	ND	Activity Description	Baseline Finish	Bsln Var	Early Finish	FY04				FY05					
							Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
4.1.7 Electronics																
7	1M79002100	9	Flight TEM PS Assy 8: Elec to I&T	08/20/04	-70	12/01/04										
7	1M79001060	9	Flight TEM Assy 4: Elec to I&T	08/24/04	-70	12/03/04										
7	1M79002110	9	Flight TEM PS Assy 9: Elec to I&T	08/25/04	-70	12/06/04										
7	1M79002120	9	Flight TEM PS Assy 10: Elec to I&T	08/30/04	-70	12/09/04										
7	1M79001070	9	Flight TEM Assy 5: Elec to I&T	08/31/04	-70	12/10/04										
7	1M79002130	9	Flight TEM PS Assy 11: Elec to I&T	09/02/04	-70	12/14/04										
7	1M7941440	9	Final EGSE incl S/C Sim, FSW-Elec to I&T	12/13/04	-2	12/15/04										
7	1M79001080	9	Flight TEM Assy 6: Elec to I&T	09/08/04	-70	12/17/04										
7	1M79002140	9	Flight TEM PS Assy 12: Elec to I&T	09/08/04	-70	12/17/04										
7	1M7941110	9	Flight Harness-Elec to I&T	10/20/04	-40	12/17/04										
7	1M79002150	9	Flight TEM PS Assy 13: Elec to I&T	09/13/04	-70	12/22/04										
7	1M79001090	9	Flight TEM Assy 7: Elec to I&T	09/15/04	-70	01/03/05										
7	1M79002160	9	Flight TEM PS Assy 14: Elec to I&T	09/16/04	-70	01/04/05										
7	1M79002170	9	Flight TEM PS Assy 15: Elec to I&T	09/21/04	-70	01/07/05										
7	1M79001100	9	Flight TEM Assy 8: Elec to I&T	09/22/04	-70	01/10/05										
7	1M79002180	9	Flight TEM PS Assy 16: Elec to I&T	09/24/04	-70	01/12/05										

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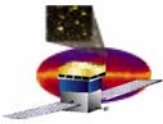
GLAST LAT PROJECT
Level 3 Milestones
Sort by Subsystem

LT-T3: Level 3 sort by Subsystem (tb)
 FL-T3: L3 Milestones from Oct03 on
 Sheet 8



Level 3 Milestones by Subsystem

AV	Activity ID	ND	Activity Description	Baseline Finish	Bsln Var	Early Finish	FY04				FY05					
							Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
4.1.7 Electronics																
7	1M7941090	9	Flight Event Processor Units-Elec to I&T	11/01/04	-45	01/13/05										
7	1M79001110	9	Flight TEM Assy 9: Elec to I&T	09/29/04	-70	01/18/05										
7	1M7941070	9	Flight GASU Box-Elec to I&T	10/25/04*	-55	01/21/05										
7	1M79001120	9	Flight TEM Assy 10: Elec to I&T	10/06/04	-70	01/25/05										
7	1M79001130	9	Flight TEM Assy 11: Elec to I&T	10/13/04	-70	02/01/05										
7	1M79001140	9	Flight TEM Assy 12: Elec to I&T	10/20/04	-70	02/08/05										
7	1M7941080	9	Flight SIU-Elec to I&T	10/13/04	-79	02/14/05										
7	1M7942000	9	Flight PDU Box-Elec to I&T	10/13/04	-79	02/14/05										
7	1M79001150	9	Flight TEM Assy 13: Elec to I&T	10/27/04	-70	02/15/05										
7	1M79001160	9	Flight TEM Assy 14: Elec to I&T	11/03/04	-70	02/23/05										
7	1M79001170	9	Flight TEM Assy 15: Elec to I&T	11/10/04	-70	03/02/05										
7	1M79001180	9	Flight TEM Assy 16: Elec to I&T	11/17/04	-70	03/09/05										
4.1.8 Mechanical																
8	1M1001380	9	Delivery of EM (1X4) Grid to I&T/MSGE	12/19/03	-64	03/31/04A										
8	1M1000240	9	Flight Grid RFI-Mech to I&T	07/22/04	-34	09/09/04										
8	1M941710	9	X-LAT Thermal Plate RFI from Mech to I&T	08/12/04	-82	12/09/04										
Run Date 05/28/04 15:26							GLAST LAT PROJECT				LT-T3: Level 3 sort by Subsystem (tb)				Sheet 9	
Data Date 05/01/04							Level 3 Milestones				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					
							Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
4.1.8 Mechanical																
8	1M941720	9	Radiators ready for I&T (from Mech to I&T)	03/17/05	-25	04/21/05										
4.1.9 I&T																
9	1M1001520	5	EM CAL Returned to NRL (arrives on dock)	10/16/03	-1	10/17/03A	▼									
9	1M1001790	5	EM2 TEM/PS for FM9 (return FMA) from I&T to CAL	07/23/04	-41	09/21/04					◆	▽				
9	1M1001800	5	EM2 TEM/PS for FM10 (return FMB) from I&T to CAL	07/23/04	-62	10/20/04					◆	▽				
9	1M1001810	5	EM2 TEM/PS for FM11 (return FM1) from I&T to CAL	08/13/04	-57	11/03/04					◆	▽				
9	1M1001820	5	EM2 TEM/PS for FM12 (return FM2) from I&T to CAL	08/16/04	-57	11/04/04					◆	▽				
9	1M1001830	5	EM2 TEM/PS for FM13 (return FM3) from I&T to CAL	08/31/04	-51	11/11/04					◆	▽				
9	1M1001840	5	EM2 TEM/PS for FM14 (return FM4) from I&T to CAL	08/31/04	-51	11/11/04					◆	▽				
9	1M1001850	5	EM2 TEM/PS for FM15 (return FM5) from I&T to CAL	09/29/04	-39	11/23/04					◆	▽				
9	1M1001860	5	EM2 TEM/PS for FM16 (return FM6) from I&T to CAL	09/29/04	-39	11/23/04					◆	▽				
9	1M1000130	2	LAT Ready to Ship to NRL for Env Test	06/08/05	-18	07/05/05									◆	▽
4.1.B ISOC																
B	1M005480	B	ISOC CDR	03/12/04	-109	08/16/04		◆			▽					
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						▽	◆			
Run Date: 05/28/04 15:26							GLAST LAT PROJECT				LT-T3: Level 3 sort by Subsystem (tb)					
Data Date: 05/01/04							Level 3 Milestones				FL-T3: L3 Milestones from Oct03 on					
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