



**Gamma-ray
Large Area Space
Telescope**



GLAST LAT PROJECT

Cost & Schedule Information
for the
GLAST LAT PDR/Baseline Review
January 8-11, 2001

4.1.1 Management
Subsystem Manager – W. Althouse

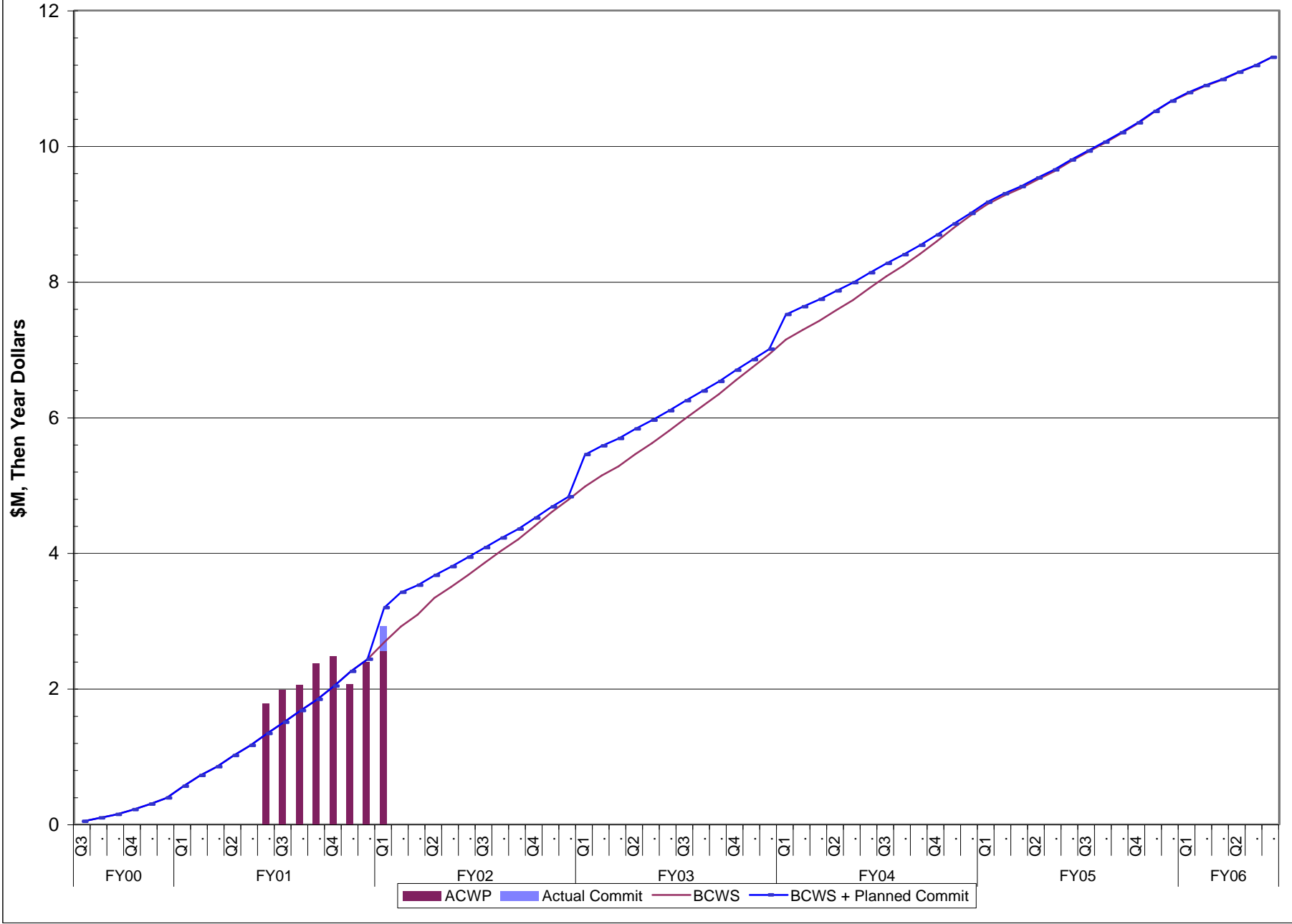


**Gamma-ray
Large Area Space
Telescope**

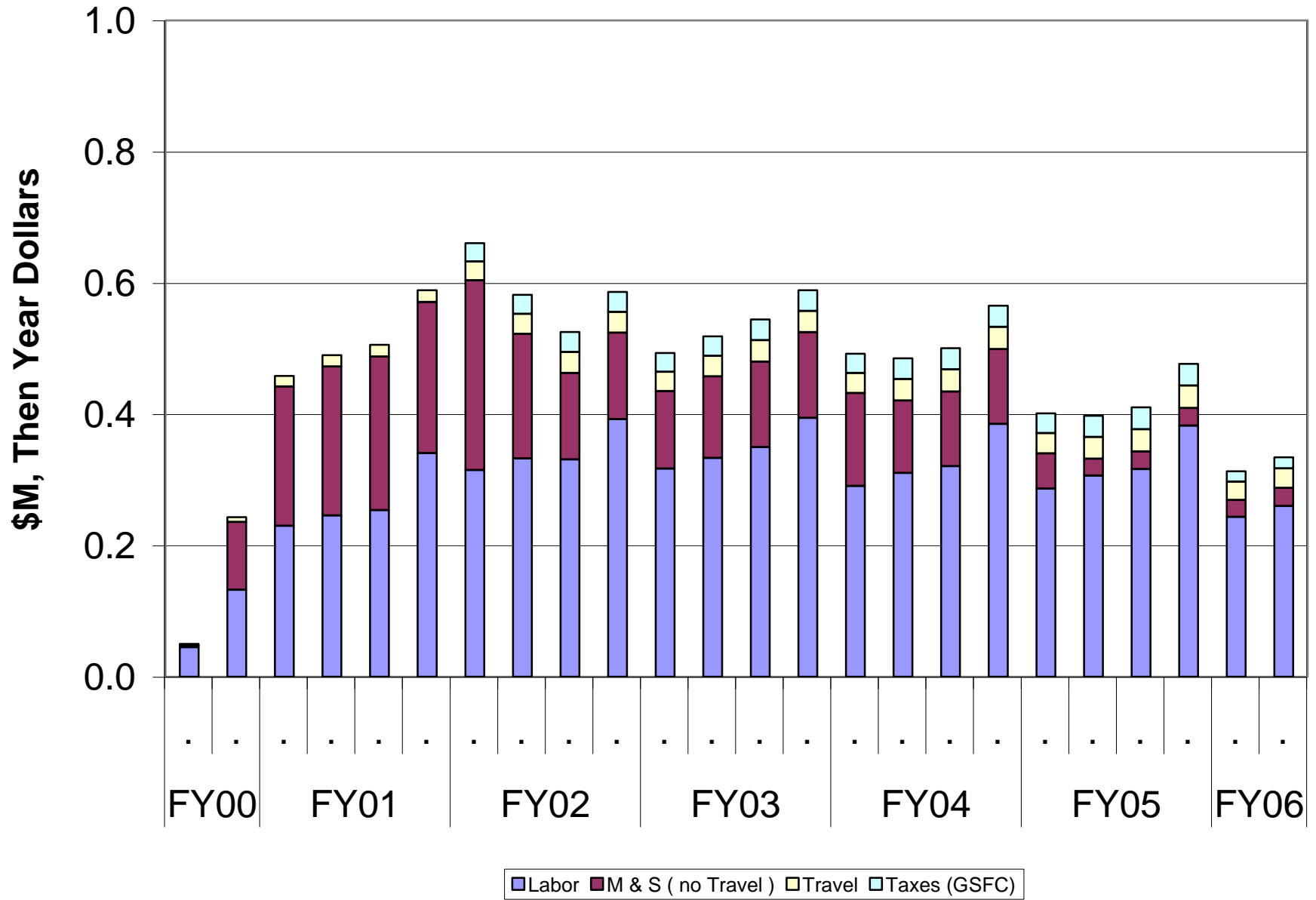


Cost & Commitment Profile

4.1.1 Instrument Management Costs and Commitments



4.1.1 Instrument Management Cost Type





**Gamma-ray
Large Area Space
Telescope**



Cost Detail @ Work Package Level

Program:	1001	Description:	GLAST LAT Project	Approval:						
Run Date:	12/12/01	Status Date:	10/31/01	Program Manager Functional Manager Cost Account Manager						

CAPW[4]	OBS	CPN[1]	WP	FY00	FY01	FY02	FY03	FY04	FY05	FY06	Cumulative	
4.1.1.1 PROJECT MANAGEMENT												
DH SU-HEPL												
CH11 4.1.1.1 HEPL Contributed Hours												
		CPN[1] Totals:	PLANNED	0	0	0	0	0	0	0	0	
			BUD+COM	0	0	0	0	0	0	0	0	
H11 4.1.1.1 Project Management (HEPL)												
		CPN[1] Totals:	PLANNED	73	147	240	210	216	221	79	1,186	
			BUD+COM	73	147	240	210	216	221	79	1,186	
	OBS Totals:		PLANNED	73	147	240	210	216	221	79	1,186	
			BUD+COM	73	147	240	210	216	221	79	1,186	
DL SU-SLAC												
2600003 4.1.1.1 Project Management: SLAC												
		CPN[1] Totals:	PLANNED	145	552	615	617	568	519	241	3,258	
			BUD+COM	145	552	625	616	561	520	238	3,258	
	OBS Totals:		PLANNED	145	552	615	617	568	519	241	3,258	
			BUD+COM	145	552	625	616	561	520	238	3,258	
CAPW[4] Totals:				PLANNED	218	699	855	826	785	741	320	4,444
				BUD+COM	218	699	865	825	778	741	317	4,444
4.1.1.2 COST & SCHEDULE CONTROL												
DL SU-SLAC												
2600005 4.1.1.2 Cost & Schedule Control												
		CPN[1] Totals:	PLANNED	100	889	838	654	708	380	124	3,693	
			BUD+COM	100	889	872	685	672	352	124	3,693	
	OBS Totals:		PLANNED	100	889	838	654	708	380	124	3,693	
			BUD+COM	100	889	872	685	672	352	124	3,693	
CAPW[4] Totals:				PLANNED	100	889	838	654	708	380	124	3,693
				BUD+COM	100	889	872	685	672	352	124	3,693
4.1.1.3 INSTRUMENT SCIENTIST												
DG GSFC												
G13 4.1.1.3 Instrument Scientist (GSFC)												
		CPN[1] Totals:	PLANNED	0	82	69	73	76	77	18	394	
			BUD+COM	0	82	69	73	76	77	18	394	
	OBS Totals:		PLANNED	0	82	69	73	76	77	18	394	
			BUD+COM	0	82	69	73	76	77	18	394	
CAPW[4] Totals:				PLANNED	0	82	69	73	76	77	18	394
				BUD+COM	0	82	69	73	76	77	18	394
4.1.1.4 SCIENCE PREPARATION												
DG GSFC												
G14 4.1.1.4 GSFC Science Preparation (GSFC)												
		CPN[1] Totals:	PLANNED	32	245	182	186	193	197	48	1,082	
			BUD+COM	32	245	182	186	193	197	48	1,082	
	OBS Totals:		PLANNED	32	245	182	186	193	197	48	1,082	
			BUD+COM	32	245	182	186	193	197	48	1,082	
DH SU-HEPL												
H14 4.1.1.4 Science Preparation (HEPL)												
		CPN[1] Totals:	PLANNED	39	95	216	222	145	149	66	932	
			BUD+COM	39	95	216	222	145	149	66	932	
	OBS Totals:		PLANNED	39	95	216	222	145	149	66	932	
			BUD+COM	39	95	216	222	145	149	66	932	
DN NRL												
N14 4.1.1.4 Science Preparation												
		CPN[1] Totals:	PLANNED	0	0	61	62	64	66	34	287	
			BUD+COM	0	0	61	62	64	66	34	287	
	OBS Totals:		PLANNED	0	0	61	62	64	66	34	287	
			BUD+COM	0	0	61	62	64	66	34	287	
DU UCSC												
U14 4.1.1.4 Science Preparation (UCSC)												
		CPN[1] Totals:	PLANNED	0	32	133	122	73	76	38	474	
			BUD+COM	0	32	133	122	73	76	38	474	
	OBS Totals:		PLANNED	0	32	133	122	73	76	38	474	
			BUD+COM	0	32	133	122	73	76	38	474	
CAPW[4] Totals:				PLANNED	71	372	592	593	475	488	186	2,776
				BUD+COM	71	372	592	593	475	488	186	2,776



**Gamma-ray
Large Area Space
Telescope**



Work Package Planning (Resource Loaded Schedule @ Work Package Level)

Act ID	Activity Description	Dur	Start	Finish	PMT	Budgeted Cost	FY01	FY02	FY03	FY04	FY05	FY06
1 4.1.1 INSTRUMENT MANAGEMENT												
Subtotal		1,484	04/03/00A	03/31/06	A	11,305,280.17						11,305.28
11 4.1.1.1 PROJECT MANAGEMENT												
Subtotal		1,484	04/03/00A	03/31/06	A	4,443,688.97						4,443.69
DH SU-HEPL												
Subtotal		1,484	04/03/00A	03/31/06	A	1,186,323.47						1,186.32
+ CH11 4.1.1.1 HEPL Contributed Hours												
		1,357	10/02/00A	03/31/06	A	0.00						0.00
+ H11 4.1.1.1 Project Management (HEPL)												
		1,484	04/03/00A	03/31/06	A	1,186,323.47						1,186.32
DL SU-SLAC												
Subtotal		1,484	04/03/00A	03/31/06	A	3,257,365.50						3,257.37
+ 2600003 4.1.1.1 Project Management: SLAC												
		1,484	04/03/00A	03/31/06	A	3,257,365.50						3,257.37
12 4.1.1.2 COST & SCHEDULE CONTROL												
Subtotal		1,419	07/05/00A	03/31/06	A	3,691,679.86						3,691.68
DL SU-SLAC												
Subtotal		1,419	07/05/00A	03/31/06	A	3,691,679.86						3,691.68
+ 2600005 4.1.1.2 Cost & Schedule Control												
		1,419	07/05/00A	03/31/06	A	3,691,679.86						3,691.68
13 4.1.1.3 INSTRUMENT SCIENTIST												
Subtotal		1,357	10/02/00A	03/31/06	A	394,191.50						394.19
DG GSFC												
Subtotal		1,357	10/02/00A	03/31/06	A	394,191.50						394.19
+ G13 4.1.1.3 Instrument Scientist (GSFC)												
		1,357	10/02/00A	03/31/06	A	394,191.50						394.19
14 4.1.1.4 SCIENCE PREPARATION												
Subtotal		1,484	04/03/00A	03/31/06	A	2,775,719.84						2,775.72
Run Date							12/12/01 15:24					
GLAST - LAT PROJECT							WorkPackagePlanningSummary (WBS4xOBSxWP)					
© Primavera Systems, Inc.							Sheet 1					

Act ID	Activity Description	Dur	Start	Finish	PMT	Budgeted Cost	FY01	FY02	FY03	FY04	FY05	FY06
DG GSFC												
Subtotal		1,484	04/03/00A	03/31/06	A	1,082,447.18						1,082.4
+ G14 4.1.1.4 GSFC Science Preparation (GSFC)												
		1,484	04/03/00A	03/31/06	A	1,082,447.18						1,082.4
DH SU-HEPL												
Subtotal		1,484	04/03/00A	03/31/06	A	931,749.46						931.749
+ H14 4.1.1.4 Science Preparation (HEPL)												
		1,484	04/03/00A	03/31/06	A	931,749.46						931.749
DN NRL												
Subtotal		1,110	10/01/01A	03/31/06	A	287,122.65	287,122.65					
+ N14 4.1.1.4 Science Preparation												
		1,110	10/01/01A	03/31/06	A	287,122.65	287,122.65					
DU UCSC												
Subtotal		1,173	07/02/01A	03/31/06	A	474,400.55	474,400.55					
+ U14 4.1.1.4 Science Preparation (UCSC)												
		1,173	07/02/01A	03/31/06	A	474,400.55	474,400.55					



**Gamma-ray
Large Area Space
Telescope**



Subsystem Milestones



**Gamma-ray
Large Area Space
Telescope**



Critical Activities with Total Float Less Than 80 Days



**Gamma-ray
Large Area Space
Telescope**



FTEs

Program: 1001	Description: GLAST LAT Project	Approval: Program Manager Functional Manager Cost Account Manager
Run Date: 12/13/01	Status Date: 10/31/01	

CAPW[3]	OBS[3]		START	FY00	FY01	FY02	FY03	FY04	FY05	FY06	Cumulative
4.1.1 INSTRUMENT MANAGEMENT											
DG GSFC											
	FY_FTE	PLANNED	0.0	0.0	0.0	1.4	1.4	1.4	1.4	0.4	5.9
DH SU-HEPL											
	FY_FTE	PLANNED	0.0	0.6	1.5	2.4	2.3	1.8	1.8	0.8	11.3
DL SU-SLAC											
	FY_FTE	PLANNED	0.0	0.9	3.5	5.8	6.0	6.0	5.3	1.9	29.3
DN NRL											
	FY_FTE	PLANNED	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.1	1.0
DU UCSC											
	FY_FTE	PLANNED	0.0	0.0	0.1	0.6	0.5	0.3	0.3	0.1	1.9
CAPW[3] Totals:			0.0	1.5	5.1	10.4	10.4	9.7	9.0	3.4	49.4