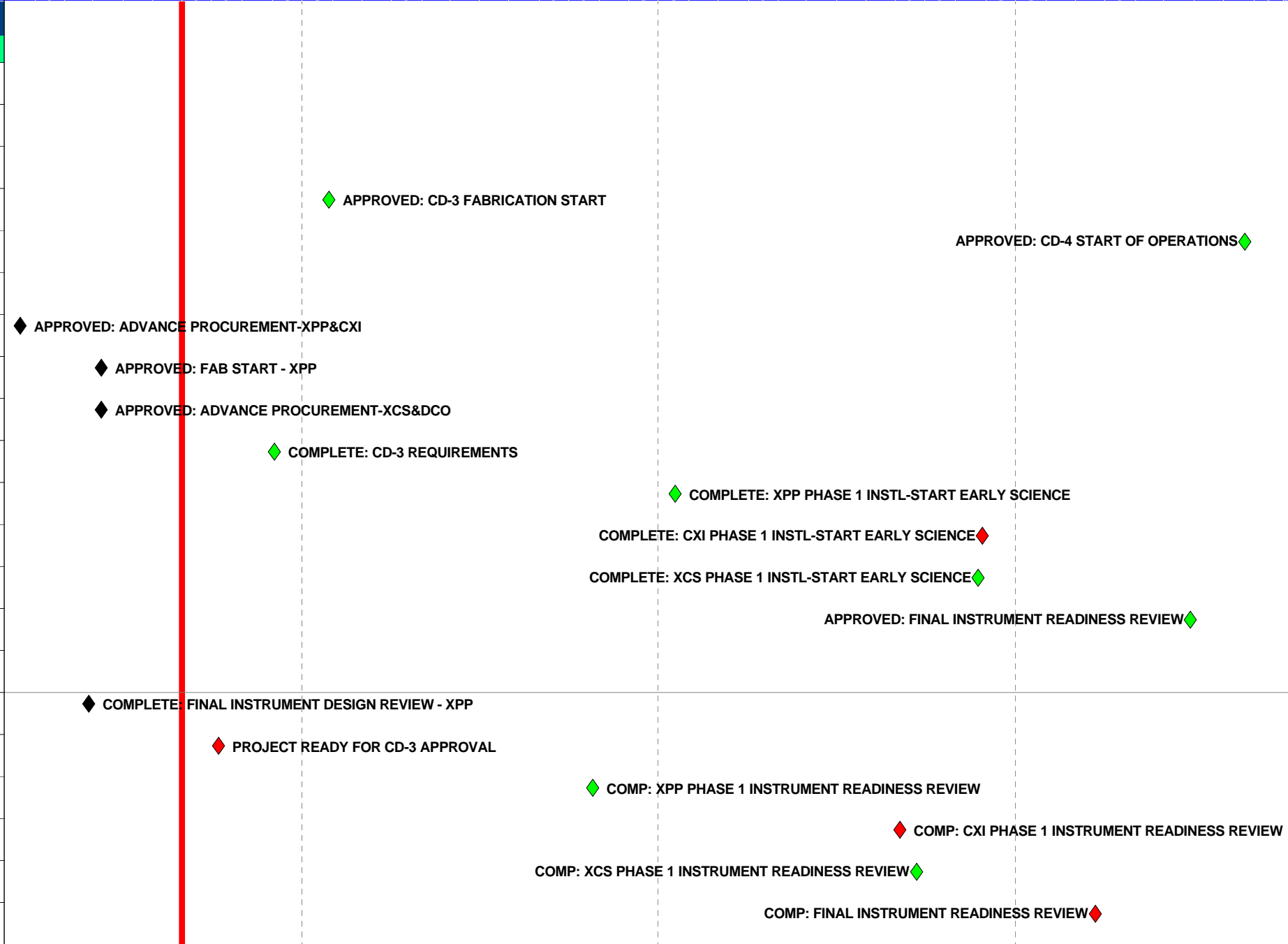


Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09					FY10					FY11					FY12																					
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D

1 LUSI PROJECT MAJOR ITEM OF EQUIPMENT (MIE)

01 Management / Administration

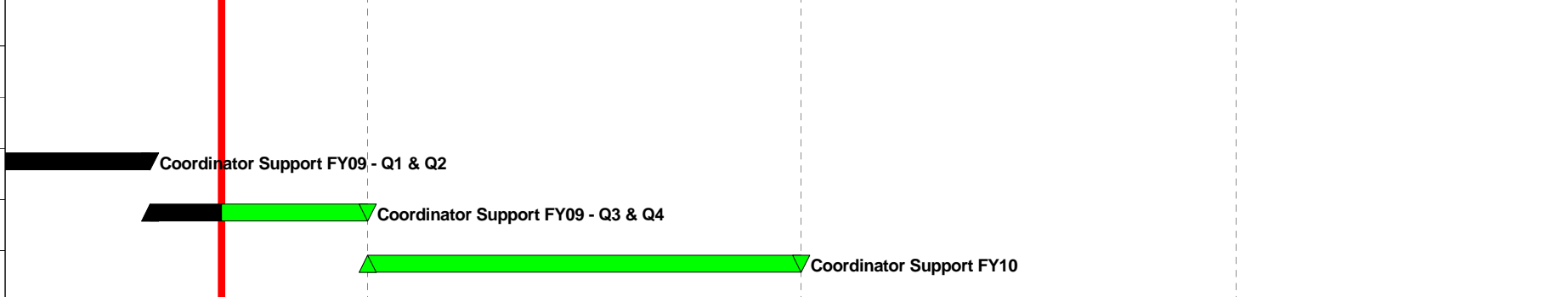
PM000000	APPROVED: CD-0 MISSION NEED	0	100		0.00	0.00		08/10/05A
PM001000	APPROVED: CD-1 COST RANGE	0	100		0.00	0.00		09/27/07A
PM001100	APPROVED: CD-2 PERFORMANCE BASELINE	0	100		0.00	0.00		10/22/08A
PM001200	APPROVED: CD-3 FABRICATION START	0	0	43	0.00	0.00		10/30/09
PM001300	APPROVED: CD-4 START OF OPERATIONS	0	0	70	0.00	0.00		05/25/12
PM002100	COMPLETE: CD-2 REQUIREMENTS - XPP / CXI / XCS	0	100		0.00	0.00		08/18/08A
PM002200	APPROVED: ADVANCE PROCUREMENT-XPP&CXI	0	100		0.00	0.00		12/18/08A
PM002300	APPROVED: FAB START - XPP	0	100		0.00	0.00		03/12/09A
PM002400	APPROVED: ADVANCE PROCUREMENT-XCS&DCO	0	100		0.00	0.00		03/12/09A
PM002500	COMPLETE: CD-3 REQUIREMENTS	0	0	43	0.00	0.00		09/04/09
PM002600	COMPLETE: XPP PHASE 1 INSTL-START EARLY SCIENCE	0	0	1	0.00	0.00		10/19/10
PM002700	COMPLETE: CXI PHASE 1 INSTL-START EARLY SCIENCE	0	0	-17	0.00	0.00		08/30/11
PM002800	COMPLETE: XCS PHASE 1 INSTL-START EARLY SCIENCE	0	0	60	0.00	0.00		08/26/11
PM002900	APPROVED: FINAL INSTRUMENT READINESS REVIEW	0	0	70	0.00	0.00		03/30/12
PM100100	PROJECT READY FOR CD-2 APPROVAL	0	100		0.00	0.00		07/28/08A
PM100200	COMPLETE: FINAL INSTRUMENT DESIGN REVIEW - XPP	0	100		0.00	0.00		02/27/09A
PM100300	PROJECT READY FOR CD-3 APPROVAL	0	0	0	0.00	0.00		07/10/09*
PM100400	COMP: XPP PHASE 1 INSTRUMENT READINESS REVIEW	0	0	1	0.00	0.00		07/27/10
PM100500	COMP: CXI PHASE 1 INSTRUMENT READINESS REVIEW	0	0	-17	0.00	0.00		06/07/11
PM100600	COMP: XCS PHASE 1 INSTRUMENT READINESS REVIEW	0	0	60	0.00	0.00		06/24/11
PM100700	COMP: FINAL INSTRUMENT READINESS REVIEW	0	0	0	0.00	0.00		12/23/11*



1.1.01.01 ES&H

01 Management / Administration

PM 01000	Coordinator Support FY08-Q1 & Q2	121	100		21,000.00	21,000.00	10/01/07A	03/31/08A
PM 01004	Apr08 through Sep08 Plan Adjustment	21	100		25,509.36	25,509.36	09/01/08A	09/30/08A
PM 01005	Coordinator Support FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A
PM 01020	Coordinator Support FY09 - Q1 & Q2	118	100		88.00	11,603.68	10/01/08A	03/31/09A
PM 01025	Coordinator Support FY09 - Q3 & Q4	131*	17	171	88.00	11,603.68	04/01/09A	09/30/09
PM 01040	Coordinator Support FY10	249	0	171	176.00	24,136.64	10/01/09	09/30/10



Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
PM 01060	Coordinator Support FY11	249	0	171	176.00	25,101.12	10/01/10	09/30/11																									Coordinator Support FY11																							
PM 01080	Coordinator Support FY12	55	0	171	39.05	5,792.29	10/03/11	12/23/11																									Coordinator Support FY12																							
PM 01100	Supplies M&S FY08-Q1 & Q2	121	100		0.00	0.00	10/01/07A	03/31/08A																																																
PM 01105	Supplies M&S FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
PM 01120	Supplies M&S FY09 - Q1 & Q2	118	100		600.00	642.00	10/01/08A	03/31/09A	Supplies M&S FY09 - Q1 & Q2																																															
PM 01125	Supplies M&S FY09 - Q3 & Q4	131*	17	171	600.00	642.00	04/01/09A	09/30/09	Supplies M&S FY09 - Q3 & Q4																																															
PM 01140	Supplies M&S FY10	249	0	171	1,200.00	1,308.00	10/01/09	09/30/10	Supplies M&S FY10																																															
PM 01145	Supplies M&S FY11	249	0	171	1,200.00	1,344.00	10/01/10	09/30/11	Supplies M&S FY11																																															
PM 01147	Supplies M&S FY12	55	0	171	300.00	342.00	10/03/11	12/23/11	Supplies M&S FY12																																															
1.1.02.01 Management Office																																																								
01 Management / Administration																																																								
PM 02000	Project Director Support FY07	19	100		0.00	0.00	09/04/07A	09/28/07A																																																
PM 02005	Project Director Support FY08-Q1 & Q2	121	100		370,902.92	370,902.92	10/01/07A	03/31/08A																																																
PM 02009	Apr08 through Sep08 Plan Adjustment	21	100		370,152.49	370,152.49	09/01/08A	09/30/08A																																																
PM 02010	Project Director Support FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
PM 02015	Project Director Support FY09-Q1 & Q2	118	100		882.00	147,082.32	10/01/08A	03/31/09A	Project Director Support FY09-Q1 & Q2																																															
PM 02017	Project Director Support FY09-Q3 & Q4	131*	17	171	927.48	154,666.56	04/01/09A	09/30/09	Project Director Support FY09-Q3 & Q4																																															
PM 02020	Project Director Support FY10	249	0	171	882.00	152,965.26	10/01/09	09/30/10	Project Director Support FY10																																															
PM 02025	Project Director Support FY11	249	0	171	882.00	159,086.34	10/01/10	09/30/11	Project Director Support FY11																																															
PM 02030	Project Director Support FY12	55	0	171	194.70	36,523.77	10/03/11	12/23/11	Project Director Support FY12																																															
PM 02040	Deputy Project Director Support FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
PM 02045	Deputy Project Director Support FY09 - Q1 & Q2	118	100		441.00	68,765.13	10/01/08A	03/31/09A	Deputy Project Director Support FY09 - Q1 & Q2																																															
PM 02047	Deputy Project Director Support FY09 - Q3 & Q4	131*	17	171	441.00	68,765.13	04/01/09A	09/30/09	Deputy Project Director Support FY09 - Q3 & Q4																																															
PM 02050	Deputy Project Director Support FY10	249	0	171	882.00	143,033.94	10/01/09	09/30/10	Deputy Project Director Support FY10																																															
PM 02055	Deputy Project Director Support FY11	249	0	171	882.00	148,749.30	10/01/10	09/30/11	Deputy Project Director Support FY11																																															
PM 02060	Deputy Project Director Support FY12	55	0	171	194.70	34,150.38	10/03/11	12/23/11	Deputy Project Director Support FY12																																															
PM 02075	Chief Project Engineer Support FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
PM 02145	Management Supplies FY07	19	100		0.00	0.00	09/04/07A	09/28/07A																																																
PM 02150	Management Supplies FY08-Q1 & Q2	121	100		8,366.00	8,366.00	10/01/07A	03/31/08A																																																
PM 02155	Management Supplies FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
PM 02160	Management Supplies FY09 - Q1 & Q2	118	100		6,000.00	6,420.00	10/01/08A	03/31/09A	Management Supplies FY09 - Q1 & Q2																																															
PM 02162	Management Supplies FY09 - Q3 & Q4	131*	17	171	6,000.00	6,420.00	04/01/09A	09/30/09	Management Supplies FY09 - Q3 & Q4																																															
PM 02165	Management Supplies FY10	249	0	171	12,000.00	13,080.00	10/01/09	09/30/10	Management Supplies FY10																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
PM 02170	Management Supplies FY11	249	0	171	12,000.00	13,440.00	10/01/10	09/30/11																									Management Supplies FY11																							
PM 02175	Management Supplies FY12	55	0	171	2,650.45	3,021.51	10/03/11	12/23/11																																					Management Supplies FY12											
PM 02180	Management Travel FY07	19	100		0.00	0.00	09/04/07A	09/28/07A																																																
PM 02185	Management Travel FY08-Q1 & Q2	121	100		1,504.00	1,504.00	10/01/07A	03/31/08A																																																
PM 02190	Management Travel FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
PM 02195	Management Travel FY09 - Q1 & Q2	118	100		9,000.00	10,800.00	10/01/08A	03/31/09A	Management Travel FY09 - Q1 & Q2																																															
PM 02197	Management Travel FY09 - Q3 & Q4	131*	17	171	9,000.00	10,800.00	04/01/09A	09/30/09	Management Travel FY09 - Q3 & Q4																																															
PM 02200	Management Travel FY10	249	0	171	18,000.00	22,140.00	10/01/09	09/30/10													Management Travel FY10																																			
PM 02205	Management Travel FY11	249	0	171	18,000.00	22,680.00	10/01/10	09/30/11																									Management Travel FY11																							
PM 02210	Management Travel FY12	55	0	171	3,975.95	5,089.22	10/03/11	12/23/11																																					Management Travel FY12											
1.1.02.02 Project Support																																																								
01 Management / Administration																																																								
PM 02300	PMCS A FY07	19	100		0.00	0.00	09/04/07A	09/28/07A																																																
PM 02305	PMCS A FY08-Q1 & Q2	121	100		189,943.17	189,943.17	10/01/07A	03/31/08A																																																
PM 02309	Apr08 through Sep08 Plan Adjustment	21	100		597,664.91	597,664.91	09/01/08A	09/30/08A																																																
PM 02310	PMCS A FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
PM 02365	PMCS Contractor FY08-Q1 & Q2	121	100		2,732.00	2,732.00	10/01/07A	03/31/08A																																																
PM 02370	PMCS Contractor FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
PM 02375	PMCS Contractor FY09 - Q1 & Q2	118	100		211,200.00	225,984.00	10/01/08A	03/31/09A	PMCS Contractor FY09 - Q1 & Q2																																															
PM 02377	PMCS Contractor FY09 - Q3 & Q4	131*	17	171	211,200.00	225,984.00	04/01/09A	09/30/09	PMCS Contractor FY09 - Q3 & Q4																																															
PM 02380	PMCS Contractor FY10	249	0	171	422,400.00	460,416.00	10/01/09	09/30/10													PMCS Contractor FY10																																			
PM 02385	PMCS Contractor FY11	249	0	171	422,400.00	473,088.00	10/01/10	09/30/11																									PMCS Contractor FY11																							
PM 02390	PMCS Contractor FY12	55	0	171	93,280.00	106,339.20	10/03/11	12/23/11																																					PMCS Contractor FY12											
PM 02400	Office Manager FY07	19	100		0.00	0.00	09/04/07A	09/28/07A																																																
PM 02405	Office Manager FY08-Q1 & Q2	121	100		0.00	0.00	10/01/07A	03/31/08A																																																
PM 02410	Office Manager FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
PM 02420	Office Manager FY09 - Q1 & Q2	118	100		882.00	51,058.98	10/01/08A	03/31/09A	Office Manager FY09 - Q1 & Q2																																															
PM 02422	Office Manager FY09 - Q3 & Q4	131*	17	171	882.00	51,058.98	04/01/09A	09/30/09	Office Manager FY09 - Q3 & Q4																																															
PM 02425	Office Manager FY10	249	0	171	882.00	53,096.40	10/01/09	09/30/10													Office Manager FY10																																			
PM 02430	Office Manager FY11	249	0	171	882.00	55,222.02	10/01/10	09/30/11																									Office Manager FY11																							
PM 02435	Office Manager FY12	55	0	171	194.70	12,678.86	10/03/11	12/23/11																																					Office Manager FY12											
PM 02475	Project Support Supplies FY08-Q1 & Q2	121	100		0.00	0.00	10/01/07A	03/31/08A																																																
PM 02480	Project Support Supplies FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
PM 02490	Project Support Supplies FY09 - Q1 & Q2	118	100		10,000.00	10,700.00	10/01/08A	03/31/09A	Project Support Supplies FY09 - Q1 & Q2																																															
PM 02495	Project Support Supplies FY09 - Q3 & Q4	131*	17	171	10,000.00	10,700.00	04/01/09A	09/30/09	Project Support Supplies FY09 - Q3 & Q4																																															
PM 02500	Project Support Supplies FY10	249	0	171	20,000.00	21,800.00	10/01/09	09/30/10	Project Support Supplies FY10																																															
PM 02505	Project Support Supplies FY11	249	0	171	20,000.00	22,400.00	10/01/10	09/30/11	Project Support Supplies FY11																																															
PM 02510	Project Support Supplies FY12	55	0	171	4,417.60	5,036.06	10/03/11	12/23/11	Project Support Supplies FY12																																															
PM 02515	Project Support Travel FY08-Q1 & Q2	121	100		17.00	17.00	10/01/07A	03/31/08A																																																
PM 02520	Project Support Travel FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
PM 02525	Project Support Travel FY09 - Q1 & Q2	118	100		3,000.00	3,600.00	10/01/08A	03/31/09A	Project Support Travel FY09 - Q1 & Q2																																															
PM 02527	Project Support Travel FY09 - Q3 & Q4	131*	17	171	3,000.00	3,600.00	04/01/09A	09/30/09	Project Support Travel FY09 - Q3 & Q4																																															
PM 02530	Project Support Travel FY10	249	0	171	6,000.00	7,380.00	10/01/09	09/30/10	Project Support Travel FY10																																															
PM 02540	Project Support Travel FY11	249	0	171	6,000.00	7,560.00	10/01/10	09/30/11	Project Support Travel FY11																																															
PM 02545	Project Support Travel FY12	55	0	171	1,325.50	1,696.64	10/03/11	12/23/11	Project Support Travel FY12																																															
1.1.03.01 Technical Support																																																								
01 Management / Administration																																																								
PM 02705	QA Coordinator FY08-Q1 & Q2	121	100		24,846.31	24,846.31	10/01/07A	03/31/08A																																																
PM 02709	Apr08 through Sep08 Plan Adjustment	21	100		29,739.98	29,739.98	09/01/08A	09/30/08A																																																
PM 02740	Tech Support Supplies FY08-Q1 & Q2	121	100		0.00	0.00	10/01/07A	03/31/08A																																																
PM 02745	Tech Support Supplies FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
PM 02750	Tech Support Supplies FY09 - Q1 & Q2	118	100		600.00	642.00	10/01/08A	03/31/09A	Tech Support Supplies FY09 - Q1 & Q2																																															
PM 02752	Tech Support Supplies FY09 - Q3 & Q4	131*	17	171	600.00	642.00	04/01/09A	09/30/09	Tech Support Supplies FY09 - Q3 & Q4																																															
PM 02755	Tech Support Supplies FY10	249	0	171	1,200.00	1,308.00	10/01/09	09/30/10	Tech Support Supplies FY10																																															
PM 02760	Tech Support Supplies FY09	249	0	171	1,200.00	1,344.00	10/01/10	09/30/11	Tech Support Supplies FY09																																															
PM 02765	Tech Support Supplies FY10	55	0	171	265.10	302.21	10/03/11	12/23/11	Tech Support Supplies FY10																																															
1.1.03.02 Reviews																																																								
01 Management / Administration																																																								
PM 02770	DOE Reviews FY08-Q1 & Q2	121	100		15,764.59	15,764.59	10/01/07A	03/31/08A																																																
PM 02774	Apr08 through Sep08 Plan Adjustment	21	100		0.00	0.00	09/01/08A	09/30/08A																																																
PM 02775	DOE Reviews FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
PM 02780	DOE Reviews FY09-Q1 & Q2	118	100		5,659.00	6,055.13	10/01/08A	03/31/09A	DOE Reviews FY09-Q1 & Q2																																															
PM 02782	DOE Reviews FY09-Q3 & Q4	131*	17	171	5,659.00	6,055.13	04/01/09A	09/30/09	DOE Reviews FY09-Q3 & Q4																																															
PM 02785	DOE Reviews FY10	249	0	171	11,318.00	12,336.62	10/01/09	09/30/10	DOE Reviews FY10																																															
PM 02790	DOE Reviews FY11	249	0	171	11,318.00	12,676.16	10/01/10	09/30/11	DOE Reviews FY11																																															
PM 02795	DOE Reviews FY12	55	0	171	2,499.75	2,849.72	10/03/11	12/23/11	DOE Reviews FY12																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
PM 02800	Detector Reviews FY08-Q1 & Q2	121	100		0.00	0.00	10/01/07A	03/31/08A																																																
PM 02805	Detector Reviews FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
PM 02810	Detector Reviews FY09-Q1 & Q2	118	100		6,300.00	7,560.00	10/01/08A	03/31/09A	Detector Reviews FY09-Q1 & Q2																																															
PM 02812	Detector Reviews FY09-Q3 & Q4	131*	17	171	6,300.00	7,560.00	04/01/09A	09/30/09	Detector Reviews FY09-Q3 & Q4																																															
PM 02815	Detector Reviews FY10	249	0	171	12,600.00	15,498.00	10/01/09	09/30/10	Detector Reviews FY10																																															
PM 02820	Detector Reviews FY11	249	0	171	7,560.00	9,525.60	10/01/10	09/30/11	Detector Reviews FY11																																															
PM 02825	Detector Reviews FY12	55	0	171	0.00	0.00	10/03/11	12/23/11	Detector Reviews FY12																																															
PM 02830	SAC Reviews FY08-Q1 & Q2	121	100		0.00	0.00	10/01/07A	03/31/08A																																																
PM 02835	SAC Reviews FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
1.1.03.03 Collaboration																																																								
01 Management / Administration																																																								
PM 02900	Collaboration Travel FY08-Q1 & Q2	121	100		18,702.58	18,702.58	10/01/07A	03/31/08A																																																
PM 02904	Apr08 through Sep08 Plan Adjustment	21	100		10,995.51	10,995.51	09/01/08A	09/30/08A																																																
PM 02905	Collaboration Travel FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
PM 02910	Collaboration Travel FY09-Q1 & Q2	118	100		15,000.00	18,000.00	10/01/08A	03/31/09A	Collaboration Travel FY09-Q1 & Q2																																															
PM 02912	Collaboration Travel FY09-Q3 & Q4	131*	17	171	15,000.00	18,000.00	04/01/09A	09/30/09	Collaboration Travel FY09-Q3 & Q4																																															
PM 02915	Collaboration Travel FY10	249	0	171	13,000.00	15,990.00	10/01/09	09/30/10	Collaboration Travel FY10																																															
PM 02920	Collaboration Travel FY11	249	0	171	10,000.00	12,600.00	10/01/10	09/30/11	Collaboration Travel FY11																																															
PM 02925	Collaboration Travel FY12	55	0	171	2,208.80	2,827.26	10/03/11	12/23/11	Collaboration Travel FY12																																															
1.2 X-RAY PUMP PROBE (XPP)																																																								
01 Management / Administration																																																								
XPP 01000	START: XPP	0	100		0.00	0.00	09/04/07A																																																	
XPP 01020	COMP: Conceptual Instrument Dsn Complete - XPP	0	100		0.00	0.00	01/14/08A																																																	
XPP 01040	COMP: Prelim Designs Complete - XPP Components	0	100		0.00	0.00		12/18/08A	◆ COMP: Prelim Designs Complete - XPP Components																																															
XPP 01060	COMP: Final Designs Complete - XPP Components	0	0	632	0.00	0.00		06/11/09	◆ COMP: Final Designs Complete - XPP Components																																															
XPP 01070	COMP: Final Instrument Design Review - XPP	0	100		0.00	0.00		02/27/09A	◆ COMP: Final Instrument Design Review - XPP																																															
XPP 01080	COMP: XPP Detector (BNL) Ready for Installation	0	0	60	0.00	0.00		03/03/10	◆ COMP: XPP Detector (BNL) Ready for Installation																																															
XPP 01100	COMP: XPP Early Science Components Installation	0	0	1	0.00	0.00		07/27/10	◆ COMP: XPP Early Science Components Installation																																															
XPP 01105	COMP: XPP/LS Available for Installation -As Req'd	0	0	164	0.00	0.00		05/02/11	◆ COMP: XPP/LS Available for Installation -As Req'd																																															
1.2.01 XPP System Integration & Design																																																								
02 Design / Engineering																																																								
XPP 01215	Generate PRD - XPP System	5	100		0.00	0.00	10/01/07A	10/05/07A																																																
XPP 01220	COMP: PRD Released - XPP System	0	100		0.00	0.00		10/08/07A																																																
XPP 01240	Prelim XPP Instrument Design	75	100		0.00	0.00	10/08/07A	12/06/07A																																																

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
XPP 01250	PIDR - Prelim Instrument Design Review - XPP	1	100			0.00	0.00	12/07/07A	12/07/07A																																															
XPP 01260	COMP: Instrument Conceptual Dsn Approved - XPP	0	100			0.00	0.00		01/14/08A																																															
XPP 01270	REQD: Diag & Common Optics Ready for XPP FIDR	0	100			0.00	0.00		02/17/09A																																															
XPP 01275	REQD: Controls and DAQ Ready for XPP FIDR	0	100			0.00	0.00		02/02/09A																																															
XPP 01280	REQD: XPP Components Ready for XPP FIDR	0	100			0.00	0.00		01/06/09A																																															
XPP 01285	Prep for Final Instrument Design Review - XPP	20	100			0.00	0.00	01/27/09A	02/23/09A																																															
XPP 01290	FIDR - Final Instrument Design Review - XPP	2	100			0.00	0.00	02/24/09A	02/25/09A																																															
XPP 01295	Incorp FIDR Changes - XPP	10	100			0.00	0.00	02/26/09A	02/27/09A																																															
XPP 01300	XPP Physics Support FY07	19	100			0.00	0.00	09/04/07A	09/28/07A																																															
XPP 01320	XPP Physics Support FY08-Q1 & Q2	121	100			189,686.87	189,686.87	10/01/07A	03/31/08A																																															
XPP 01329	Apr08 through Sep08 Plan Adjustment	21	100			193,459.39	193,459.39	09/01/08A	09/30/08A																																															
XPP 01330	XPP Physics Support FY08-Q3 & Q4	131	100			0.00	0.00	04/01/08A	09/30/08A																																															
XPP 01340	XPP Physics Support Oct08	23	100			50.00	6,542.00	10/01/08A	10/31/08A																																															
XPP 01345	XPP Physics Support Rem FY09-Q1 & Q2	118	100			226.00	29,569.84	11/03/08A	03/31/09A																																															
XPP 01347	XPP Physics Support Rem FY09-Q3 & Q4	131*	18	126		226.00	29,569.84	04/01/09A	09/30/09																																															
XPP 01360	XPP Physics Support FY10	249	0	126		498.00	67,767.84	10/01/09	09/30/10																																															
XPP 01380	XPP Physics Support FY11	249	0	126		498.00	70,476.96	10/01/10	09/30/11																																															
XPP 01385	XPP Physics Support FY12	55	0	126		110.00	16,190.90	10/03/11	12/23/11																																															
XPP 18000	XPP Engineering Support FY07	19	100			0.00	0.00	09/04/07A	09/28/07A																																															
XPP 18010	XPP Engineering Support FY08-Q1 & Q2	121	100			0.00	0.00	10/01/07A	03/31/08A																																															
XPP 18015	XPP Engineering Support FY08-Q3 & Q4	131	100			0.00	0.00	04/01/08A	09/30/08A																																															
XPP 18020	XPP Engineering Support Oct08	23	100			55.00	6,340.95	10/01/08A	10/31/08A																																															
XPP 18025	XPP Engineering Support Rem FY09-Q1 & Q2	118	100			904.00	104,222.16	11/03/08A	03/31/09A																																															
XPP 18027	XPP Engineering Support Rem FY09-Q3 & Q4	131*	18	126		904.00	104,222.16	04/01/09A	09/30/09																																															
XPP 18030	XPP Engineering Support FY10	249	0	126		747.00	89,572.77	10/01/09	09/30/10																																															
XPP 18040	XPP Engineering Support FY11	249	0	126		498.00	62,100.60	10/01/10	09/30/11																																															
XPP 18050	XPP Engineering Support FY12	55	0	126		110.00	14,265.90	10/03/11	12/23/11																																															
XPP 18055	Radiation Physics Support Oct08	23	100			0.00	0.00	10/01/08A	10/31/08A																																															
XPP 18058	Radiation Physics Support Rem FY09-Q1 & Q2	118	100			302.00	39,513.68	11/03/08A	03/31/09A																																															
XPP 18059	Radiation Physics Support Rem FY09-Q3 & Q4	131*	18	126		302.00	39,513.68	04/01/09A	09/30/09																																															
XPP 18060	XPP Design Support FY07	19	100			0.00	0.00	09/04/07A	09/28/07A																																															
XPP 18070	XPP Design Support FY08-Q1 & Q2	121	100			0.00	0.00	10/01/07A	03/31/08A																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
XPP 18075	XPP Design Support FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
XPP 18080	XPP Design Support Oct08	23	100		0.00	0.00	10/01/08A	10/31/08A																																																
XPP 18085	XPP Design Support Rem FY09-Q1 & Q2	118	100		226.00	19,530.92	11/03/08A	03/31/09A	XPP Design Support Rem FY09-Q1 & Q2																																															
XPP 18087	XPP Design Support Rem FY09-Q3 & Q4	131*	18	126	226.00	19,530.92	04/01/09A	09/30/09	XPP Design Support Rem FY09-Q3 & Q4																																															
XPP 18090	XPP Design Support FY10	249	0	126	498.00	44,760.24	10/01/09	09/30/10	XPP Design Support FY10																																															
XPP 18100	XPP Design Support FY11	249	0	126	249.00	23,276.52	10/01/10	09/30/11	XPP Design Support FY11																																															
XPP 18110	XPP Design Support FY12	55	0	126	55.00	5,347.10	10/03/11	12/23/11	XPP Design Support FY12																																															
XPP 18130	XPP Vendor Visits FY07	19	100		0.00	0.00	09/04/07A	09/28/07A																																																
XPP 18140	XPP Vendor Visits FY08-Q1 & Q2	121	100		2,001.35	2,001.35	10/01/07A	03/31/08A																																																
XPP 18145	XPP Vendor Visits FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
XPP 18150	XPP Vendor Visits Oct08	23	100		580.00	696.00	10/01/08A	10/31/08A																																																
XPP 18155	XPP Vendor Visits Rem FY09-Q1 & Q2	118	100		4,140.00	4,968.00	11/03/08A	03/31/09A	XPP Vendor Visits Rem FY09-Q1 & Q2																																															
XPP 18157	XPP Vendor Visits Rem FY09-Q3 & Q4	131*	18	126	4,140.00	4,968.00	04/01/09A	09/30/09	XPP Vendor Visits Rem FY09-Q3 & Q4																																															
XPP 18160	XPP Vendor Visits FY10	249	0	126	9,000.00	11,070.00	10/01/09	09/30/10	XPP Vendor Visits FY10																																															
XPP 18170	XPP Vendor Visits FY11	249	0	126	3,000.00	3,780.00	10/01/10	09/30/11	XPP Vendor Visits FY11																																															
XPP 18180	XPP Vendor Visits FY12	55	0	126	662.75	848.32	10/03/11	12/23/11	XPP Vendor Visits FY12																																															
XPP 18190	XPP Lab Supplies FY08-Q1 & Q2	121	100		42,728.12	42,728.12	10/01/07A	03/31/08A																																																
XPP 18200	XPP Lab Supplies Apr08 - Sept08	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
XPP 18210	XPP Lab Supplies Oct08	23	100		0.00	0.00	10/01/08A	10/31/08A																																																
XPP 18215	XPP Lab Supplies Rem FY09-Q1 & Q2	118	100		3,110.00	3,327.70	11/03/08A	03/31/09A	XPP Lab Supplies Rem FY09-Q1 & Q2																																															
XPP 18217	XPP Lab Supplies Rem FY09-Q3 & Q4	131*	18	126	3,110.00	3,327.70	04/01/09A	09/30/09	XPP Lab Supplies Rem FY09-Q3 & Q4																																															
XPP 18220	XPP Lab Supplies FY10	249	0	126	6,760.00	7,368.40	10/01/09	09/30/10	XPP Lab Supplies FY10																																															
XPP 18230	XPP Lab Supplies FY11	249	0	126	6,760.00	7,571.20	10/01/10	09/30/11	XPP Lab Supplies FY11																																															
XPP 18240	XPP Lab Supplies FY12	55	0	126	1,492.70	1,701.68	10/03/11	12/23/11	XPP Lab Supplies FY12																																															
XPP1232100	START: XPP Laser System (LS)	0	100		0.00	0.00	09/04/07A																																																	
XPP1232105	Generate PRD - Laser System	85	100		0.00	0.00	09/04/07A	01/18/08A																																																
XPP1232110	COMP: PRD Released - XPP Laser System	0	100		0.00	0.00		01/18/08A																																																

1.2.02.01 Support Table, Supports & Shielding

02 Design / Engineering

XPP1221100	START: Support Table, Supports, Shielding	0	100		0.00	0.00	04/01/08A																																																	
XPP1221105	Prelim Design & Analysis - Long Table	70	100		0.00	0.00	04/01/08A	07/07/08A																																																
XPP1221110	Prep for PDR - Long Table	10	100		0.00	0.00	07/08/08A	08/14/08A																																																
XPP1221115	PDR - Prelim Design Review - Long Table	1	100		0.00	0.00	08/15/08A	08/15/08A																																																

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
XPP1221120	COMP: Prelim Design - Long Table	0	100		0.00	0.00		08/15/08A																																																
XPP1221125	Prelim Design & Analysis - Short Table	15	100		0.00	0.00	07/08/08A	07/28/08A																																																
XPP1221130	Prep for PDR - Short Table	10	100		0.00	0.00	07/29/08A	08/11/08A																																																
XPP1221135	PDR - Prelim Design Review - XPP Short Table	1	100		0.00	0.00	08/12/08A	08/12/08A																																																
XPP1221140	COMP: Prelim Design - Short Table	0	100		0.00	0.00		08/12/08A																																																
XPP1221145	Prelim Design - Optics Shielding	25	100		0.00	0.00	08/01/08A	10/03/08A																																																
XPP1221147	COMP: Prelim Design - Optics Shielding	0	100		0.00	0.00		10/03/08A																																																
XPP1221150	Radiation Simulations - Optics Shielding	15	100		0.00	0.00	09/22/08A	10/10/08A																																																
XPP1221155	Prep Radiation Document - Optics Shielding	10	100		0.00	0.00	10/13/08A	10/24/08A																																																
XPP1221160	COMP: Radiation Approval - Optics Shielding	0	100		0.00	0.00		10/24/08A																																																
XPP1221161	Apr08 through Sep08 Plan Adjustment	21	100		100,938.15	100,938.15	09/01/08A	09/30/08A																																																
XPP1221165	Finalize Design - Optics Shielding (0-50%)	20	100		0.00	0.00	10/27/08A	10/31/08A																																																
XPP1221168	Finalize Design - Optics Shielding (51-100%)	10	100		54.00	5,763.74	11/03/08A	11/14/08A																																																
XPP1221170	Finalize Design & Anal Long Support Table 75%	40	100		0.00	0.00	09/08/08A	10/31/08A																																																
XPP1221172	Finalize Des & Anal Long Support Tbl 76-100%	40	100		276.00	30,549.76	11/03/08A	01/13/09A	█ Finalize Des & Anal Long Support Tbl 76-100%																																															
XPP1221175	Finalize Design & Analy Short Support Table-75%	8	100		0.00	0.00	10/22/08A	10/31/08A																																																
XPP1221178	Finalize Design/Analy Short Support Table-Rem	40	100		13.00	1,181.20	11/03/08A	01/13/09A	█ Finalize Design/Analy Short Support Table-Rem																																															
XPP1221180	Prep for FDR - Long/Short Table	10	100		50.00	5,475.80	01/14/09A	01/27/09A	█ Prep for FDR - Long/Short Table																																															
XPP1221185	FDR - Final Dsn Review- Long/Short Table/Shield	1	100		8.00	806.84	01/28/09A	01/28/09A	█ FDR - Final Dsn Review- Long/Short Table/Shield																																															
XPP1221190	Incorp FDR Changes - Supt Table/Supts/Shieldng	22	100		40.00	3,918.72	01/29/09A	02/04/09A	█ Incorp FDR Changes - Supt Table/Supts/Shieldng																																															
XPP1221195	Prep for Seismic Review - Supt Table/Supts/Shiel	10	100		0.00	0.00	08/13/08A	08/26/08A																																																
XPP1221200	Seismic Peer Review & Approval - Supt/Shielding	20	100		0.00	0.00	09/18/08A	10/15/08A																																																
XPP1221205	COMP: Seismic Committee Approval	0	100		0.00	0.00		10/15/08A																																																
XPP1221215	Detail Drawings & Spec - Support & Shielding	45*	100		314.00	27,135.88	01/14/09A	03/17/09A	█ Detail Drawings & Spec - Support & Shielding																																															
XPP1221220	Check & Release Dwgs - Supt Tble/Supts/Sh	30	100		189.00	16,333.38	03/18/09A	05/28/09A	█ Check & Release Dwgs - Supt Tble/Supts/Sh																																															
XPP1221225	COMP: Detail Dwgs - SuptTble/Supts/Shie	0	100		0.00	0.00		05/28/09A	◆ COMP: Detail Dwgs - SuptTble/Supts/Shie																																															
XPP1221230	Generate Mfg Docs - Supt Table/Supts/Shielng	20	100		80.00	9,223.20	02/06/09A	03/23/09A	█ Generate Mfg Docs - Supt Table/Supts/Shielng																																															
XPP1221235	Design Status Review - Supt Table/Supts/Shieldng	1	100		0.00	0.00	04/29/09A	04/29/09A	█ Design Status Review - Supt Table/Supts/Shieldng																																															
XPP1221237	COMP: Final Design - Long/Short Table/Shielding	0	100		0.00	0.00		04/29/09A	◆ COMP: Final Design - Long/Short Table/Shielding																																															
03 Procurement																																																								
XPP1221500	Prep Bid Pkg & App -Supt Table, Supts, Shielding	30	100		0.00	0.00	04/27/09A	04/30/09A	█ Prep Bid Pkg & App -Supt Table, Supts, Shielding																																															
XPP1221505	AWARD: PO - XPP Supt Table/Supts/Shielding Parts	1	75	766	52,060.00	55,704.20	05/01/09A	06/01/09	█ AWARD: PO - XPP Supt Table/Supts/Shielding Parts																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J											
XPP1221510	Vendor Fab - Supt Table, Supts, Shieldng	60	20	116	52,060.00	55,704.20	05/04/09A	07/24/09	Vendor Fab - Supt Table, Supts, Shieldng																																															
XPP1221515	RCV: XPP Supt Table, Supts, Shielding	0	0	116	0.00	0.00		07/24/09	RCV: XPP Supt Table, Supts, Shielding																																															
05 Fab / Assembly																																																								
XPP1221520	Inspect Procured Parts - SuptTble/Supts/Shield	10	0	116	30.00	2,901.60	07/27/09	08/07/09	Inspect Procured Parts - SuptTble/Supts/Shield																																															
XPP1221525	Machine/Drill Holes/Assemble - SuptTble/Supts/Sh	30	0	116	236.00	28,126.48	08/10/09	09/18/09	Machine/Drill Holes/Assemble - SuptTble/Supts/Sh																																															
XPP1221530	AVAIL: XPP Supts/Table/Shielding Ready for Instl	0	0	116	0.00	0.00		09/18/09	AVAIL: XPP Supts/Table/Shielding Ready for Instl																																															
1.2.02.02 Optics Support Table & Supports																																																								
02 Design / Engineering																																																								
XPP1222100	START: Optics Support Table & Supports	0	100		0.00	0.00	07/01/08A																																																	
XPP1222105	Prelim Design & Analysis - Optics Support Table	7	100		0.00	0.00	07/08/08A	07/16/08A																																																
XPP1222110	Prep for PDR - Opt Supt Table	10	100		0.00	0.00	07/17/08A	08/14/08A																																																
XPP1222115	PDR - Prelim Design Review - Optical Supt Table	1	100		0.00	0.00	08/15/08A	08/15/08A																																																
XPP1222120	COMP: Prelim Design - Optical Support Table	0	100		0.00	0.00		08/15/08A																																																
XPP1222125	Prelim Design - Optics Shielding (75%)	15	100		0.00	0.00	08/01/08A	10/31/08A																																																
XPP1222128	Prelim Design - Optics Shielding (76-100%)	10	100		21.00	2,016.91	11/03/08A	11/14/08A																																																
XPP1222130	Radiation Simulations - Optics Shielding	15	100		0.00	0.00	09/22/08A	10/10/08A																																																
XPP1222135	Prep Radiation Document - Optics Shielding	10	100		0.00	0.00	10/13/08A	10/24/08A																																																
XPP1222140	COMP: Radiation Approval - Optics Shielding	0	100		0.00	0.00		10/24/08A																																																
XPP1222141	Apr08 through Sep08 Plan Adjustment	21	100		7,689.97	7,689.97	09/01/08A	09/30/08A																																																
XPP1222145	Finalize Design - Optics Shielding	10	100		48.00	4,638.95	11/03/08A	11/14/08A																																																
XPP1222150	Finalize Des & Anal - Optics Supt Table 0-75%	15	100		0.00	0.00	09/01/08A	10/31/08A																																																
XPP1222152	Finalize Des & Anal - Optics Supt Table 76-100%	40	100		43.75	4,740.80	11/03/08A	01/13/09A	Finalize Des & Anal - Optics Supt Table 76-100%																																															
XPP1222155	Prep for FDR - Support & Shield	10	100		50.00	5,475.80	01/14/09A	01/27/09A	Prep for FDR - Support & Shield																																															
XPP1222160	FDR - Final Design Review - Opt Supt Table/Supt	1	100		8.00	806.84	01/28/09A	01/28/09A	FDR - Final Design Review - Opt Supt Table/Supt																																															
XPP1222165	Incorp FDR Changes - Opt Supt Table & Supports	22	100		40.00	3,918.72	01/29/09A	02/11/09A	Incorp FDR Changes - Opt Supt Table & Supports																																															
XPP1222170	Prep for Seismic Review - Opt Supt Table & Supts	10	100		0.00	0.00	07/18/08A	08/15/08A																																																
XPP1222175	Seismic Peer Review & Approval - Opt Supt Tble	20	100		0.00	0.00	09/18/08A	10/15/08A																																																
XPP1222185	COMP: Seismic Committee Approval	0	100		0.00	0.00		10/15/08A																																																
XPP1222195	Detail Drawings & Spec - Opt Supt Table/Supports	15	100		77.00	6,654.34	02/12/09A	03/04/09A	Detail Drawings & Spec - Opt Supt Table/Supports																																															
XPP1222200	Check & Release Dwgs - Opt Table & Supts	20	100		46.00	3,975.32	03/05/09A	04/01/09A	Check & Release Dwgs - Opt Table & Supts																																															
XPP1222205	COMP: Detail Dwgs - Opt Supt Tble/Supts	0	100		0.00	0.00		04/01/09A	COMP: Detail Dwgs - Opt Supt Tble/Supts																																															
XPP1222210	Design Status Review - Opt Supt Table/Supts	1	100		0.00	0.00	04/02/09A	04/02/09A	Design Status Review - Opt Supt Table/Supts																																															
XPP1222220	Generate Mfg Docs - Opt Supt Table & Supts	20	100		80.00	9,223.20	04/03/09A	04/30/09A	Generate Mfg Docs - Opt Supt Table & Supts																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J											
XPP122225	COMP: Final Design - Opt Supt Table & Shielding	0	100		0.00	0.00		04/30/09A	◆ COMP: Final Design - Opt Supt Table & Shielding																																															
03 Procurement																																																								
XPP1222505	Prep Bid Pkg & App - Opt Supt Tble & Supts Parts	30	100		0.00	0.00	04/27/09A	04/30/09A	▲ Prep Bid Pkg & App - Opt Supt Tble & Supts Parts																																															
XPP1222510	AWARD: PO - XPP Opt Supt Tble & Supts Parts	1	75	766	7,240.00	7,746.80	05/01/09A	06/01/09	▲ AWARD: PO - XPP Opt Supt Tble & Supts Parts																																															
XPP1222515	Vendor Fab - XPP Opt Supt Tble & Supts Parts	60	20	126	7,240.00	7,746.80	05/04/09A	07/24/09	▲ Vendor Fab - XPP Opt Supt Tble & Supts Parts																																															
XPP1222520	RCV: XPP Optics & Dia Girder All Parts	0	0	126	0.00	0.00		07/24/09	◆ RCV: XPP Optics & Dia Girder All Parts																																															
05 Fab / Assembly																																																								
XPP1222535	Inspect Procured Parts - Opt & Dia Girder Misc	10	0	126	30.00	2,901.60	07/27/09	08/07/09	▲ Inspect Procured Parts - Opt & Dia Girder Misc																																															
XPP1222537	Machine/Drill Holes/Assemble - OptSuptTble/Supts	20	0	126	156.00	18,592.08	08/10/09	09/04/09	▲ Machine/Drill Holes/Assemble - OptSuptTble/Supts																																															
XPP1222540	AVAIL: Optics & Diag Girder Ready for Instl	0	0	126	0.00	0.00		09/04/09	◆ AVAIL: Optics & Diag Girder Ready for Instl																																															
1.2.03.01.02 Ti:Sapphire Amplifier(s) System/Pumps																																																								
03 Procurement																																																								
XPP 03160	Prep Bid Pkg & App - Power Amp Misc Parts	30	0	75	0.00	0.00	11/02/09	12/15/09	▲ Prep Bid Pkg & App - Power Amp Misc Parts																																															
XPP 03180	AWARD: PO - XPP Power Amp Misc Parts	1	0	424	38,160.00	41,594.40	12/16/09	12/16/09	▲ AWARD: PO - XPP Power Amp Misc Parts																																															
XPP 03200	Vendor Fab - Power Amp Misc Parts	70	0	424	38,160.00	41,594.40	12/17/09	04/07/10	▲ Vendor Fab - Power Amp Misc Parts																																															
XPP 03220	RCV: Power Amp Misc Parts	0	0	424	0.00	0.00		04/07/10	◆ RCV: Power Amp Misc Parts																																															
XPP 03280	Prep Bid Pkg & App - XPP Pockell Cell	30	0	75	0.00	0.00	11/02/09	12/15/09	▲ Prep Bid Pkg & App - XPP Pockell Cell																																															
XPP 03300	AWARD: PO - XPP Pockell Cell	1	0	430	9,500.00	10,355.00	12/16/09	12/16/09	▲ AWARD: PO - XPP Pockell Cell																																															
XPP 03320	Vendor Fab - XPP Pockell Cell	70	0	430	9,500.00	10,355.00	12/17/09	04/07/10	▲ Vendor Fab - XPP Pockell Cell																																															
XPP 03340	RCV: XPP Pockell Cell	0	0	430	0.00	0.00		04/07/10	◆ RCV: XPP Pockell Cell																																															
XPP 03445	Prep Bid Pkg & App - XPP Compressor Misc Parts	30	0	75	0.00	0.00	11/02/09	12/15/09	▲ Prep Bid Pkg & App - XPP Compressor Misc Parts																																															
XPP 03447	AWARD: PO - XPP Compressor Misc Parts	1	0	75	23,780.00	25,920.20	12/16/09	12/16/09	▲ AWARD: PO - XPP Compressor Misc Parts																																															
XPP 03449	Vendor Fab - XPP Compressor Misc Parts	70	0	75	23,780.00	25,920.20	12/17/09	04/07/10	▲ Vendor Fab - XPP Compressor Misc Parts																																															
XPP 03451	RCV: XPP Compressor Misc Parts	0	0	75	0.00	0.00		04/07/10	◆ RCV: XPP Compressor Misc Parts																																															
XPP 03455	AVAIL: XPP Compressor Misc Parts Ready for Instl	0	0	75	0.00	0.00		04/07/10	◆ AVAIL: XPP Compressor Misc Parts Ready for Instl																																															
04 Subcontract																																																								
XPP 03360	Prep Bid Pkg & App - XPP Pwr Amp Pump (FOREIGN)	30	0	383	0.00	0.00	11/02/09	12/15/09	▲ Prep Bid Pkg & App - XPP Pwr Amp Pump (FOREIGN)																																															
XPP 03362	RELEASE: RFP - Pwr Amp Pump (FOREIGN)	0	0	383	0.00	0.00		12/15/09	◆ RELEASE: RFP - Pwr Amp Pump (FOREIGN)																																															
XPP 03364	Vendor Proposal Effort - Pwr Amp Pump (FOREIGN)	20	0	383	0.00	0.00	12/16/09	01/26/10	▲ Vendor Proposal Effort - Pwr Amp Pump (FOREIGN)																																															
XPP 03366	RCV: Vendor Proposals - Pwr Amp Pump (FOREIGN)	0	0	383	0.00	0.00		01/26/10	◆ RCV: Vendor Proposals - Pwr Amp Pump (FOREIGN)																																															
XPP 03368	Eval & Selection Process - XPP Pwr Amp Pump	15	0	383	0.00	0.00	01/27/10	02/16/10	▲ Eval & Selection Process - XPP Pwr Amp Pump																																															
XPP 03370	Vendor Selection - Pwr Amp Pump (FOREIGN)	0	0	383	0.00	0.00		02/16/10	◆ Vendor Selection - Pwr Amp Pump (FOREIGN)																																															
XPP 03372	SLAC Approval Process - Pwr Amp Pump (FOREIGN)	5	0	383	0.00	0.00	02/17/10	02/23/10	▲ SLAC Approval Process - Pwr Amp Pump (FOREIGN)																																															
XPP 03374	DOE Approval Process - Pwr Amp Pump (FOREIGN)	5	0	383	0.00	0.00	02/24/10	03/02/10	▲ DOE Approval Process - Pwr Amp Pump (FOREIGN)																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
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XPP 03380	AWARD: XPP Power Amplifier Pump (FOREIGN)	1	0	383	220,000.00	239,800.00	03/03/10	03/03/10													X AWARD: XPP Power Amplifier Pump (FOREIGN)																																			
XPP 03400	Vendor Fab - Power Amp Pump (FOREIGN)	70	0	383	220,000.00	239,800.00	03/04/10	06/09/10													Vendor Fab - Power Amp Pump (FOREIGN)																																			
XPP 03420	RCV: Power Amp Pump (FOREIGN)	0	0	383	0.00	0.00		06/09/10													RCV: Power Amp Pump (FOREIGN)																																			
06 Testing																																																								
XPP 03035	REQD: XPP Laser Systems Controls HW & SW	0	0	421	0.00	0.00		04/20/10													REQD: XPP Laser Systems Controls HW & SW																																			
XPP 03235	REQD: XPP Laser Diagnostics Controls HW & SW	0	0	415	0.00	0.00		04/20/10													REQD: XPP Laser Diagnostics Controls HW & SW																																			
XPP 03240	Inspect/Test Procured Parts - Pwr Amp Misc Parts	6	0	415	40.00	4,853.20	04/21/10	04/28/10													Inspect/Test Procured Parts - Pwr Amp Misc Parts																																			
XPP 03440	Inspect/Test Procured Parts - Power Amp Pump	2	0	383	8.00	970.64	06/10/10	06/11/10													Inspect/Test Procured Parts - Power Amp Pump																																			
XPP 03460	AVAIL: Ti:Sapphire Amp Ready for Install	0	0	383	0.00	0.00		06/11/10													AVAIL: Ti:Sapphire Amp Ready for Install																																			
1.2.03.01.03 Temporal Pulse Shaper																																																								
04 Subcontract																																																								
XPP 03470	Prep Bid Pkg & App - XPP Dazzler (FOREIGN)	30	0	375	0.00	0.00	11/02/09	12/15/09													Prep Bid Pkg & App - XPP Dazzler (FOREIGN)																																			
XPP 03472	RELEASE: RFP - Dazzler (FOREIGN)	0	0	375	0.00	0.00		12/15/09													RELEASE: RFP - Dazzler (FOREIGN)																																			
XPP 03474	Vendor Proposal Effort - Dazzler (FOREIGN)	20	0	375	0.00	0.00	12/16/09	01/26/10													Vendor Proposal Effort - Dazzler (FOREIGN)																																			
XPP 03476	RCV: Vendor Proposals - Dazzler (FOREIGN)	0	0	375	0.00	0.00		01/26/10													RCV: Vendor Proposals - Dazzler (FOREIGN)																																			
XPP 03478	Eval & Selection Process - Dazzler (FOREIGN)	15	0	375	0.00	0.00	01/27/10	02/16/10													Eval & Selection Process - Dazzler (FOREIGN)																																			
XPP 03480	Vendor Selection - Dazzler (FOREIGN)	0	0	375	0.00	0.00		02/16/10													Vendor Selection - Dazzler (FOREIGN)																																			
XPP 03482	SLAC Approval Process - Dazzler (FOREIGN)	5	0	375	0.00	0.00	02/17/10	02/23/10													SLAC Approval Process - Dazzler (FOREIGN)																																			
XPP 03484	DOE Approval Process - Dazzler (FOREIGN)	5	0	375	0.00	0.00	02/24/10	03/02/10													DOE Approval Process - Dazzler (FOREIGN)																																			
XPP 03500	AWARD: XPP Dazzler (FOREIGN)	1	0	375	61,740.00	67,296.60	03/03/10	03/03/10													AWARD: XPP Dazzler (FOREIGN)																																			
XPP 03520	Vendor Fab - Dazzler	70	0	375	61,740.00	67,296.60	03/04/10	06/09/10													Vendor Fab - Dazzler																																			
XPP 03540	RCV: Dazzler	0	0	375	0.00	0.00		06/09/10													RCV: Dazzler																																			
06 Testing																																																								
XPP 03560	Inspect/Test Procured Parts - Dazzler	10	0	375	40.00	4,853.20	06/10/10	06/23/10													Inspect/Test Procured Parts - Dazzler																																			
XPP 03580	AVAIL: Dazzler Ready for Installation	0	0	375	0.00	0.00		06/23/10													AVAIL: Dazzler Ready for Installation																																			
1.2.03.01.04 Optical Parametric Amplifier																																																								
04 Subcontract																																																								
XPP 03600	Prep Bid Pkg & App - XPP Optical Parametric Amp	30	0	375	0.00	0.00	11/02/09	12/15/09													Prep Bid Pkg & App - XPP Optical Parametric Amp																																			
XPP 03602	RELEASE: RFP - XPP Optical Parametric Amp	0	0	375	0.00	0.00		12/15/09													RELEASE: RFP - XPP Optical Parametric Amp																																			
XPP 03604	Vendor Proposal Effort - Optical Parametric Amp	20	0	375	0.00	0.00	12/16/09	01/26/10													Vendor Proposal Effort - Optical Parametric Amp																																			
XPP 03606	RCV: Vendor Proposals - Optical Parametric Amp	0	0	375	0.00	0.00		01/26/10													RCV: Vendor Proposals - Optical Parametric Amp																																			
XPP 03608	Eval & Selection Proces - Optical Parametric Amp	15	0	375	0.00	0.00	01/27/10	02/16/10													Eval & Selection Proces - Optical Parametric Amp																																			
XPP 03610	Vendor Selection - Optical Parametric Amp	0	0	375	0.00	0.00		02/16/10													Vendor Selection - Optical Parametric Amp																																			
XPP 03612	SLAC Approval Process - Optical Parametric Amp	5	0	375	0.00	0.00	02/17/10	02/23/10													SLAC Approval Process - Optical Parametric Amp																																			

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
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XPP 03614	DOE Approval Process - Optical Parametric Amp	5	0	375	0.00	0.00	02/24/10	03/02/10													▲ DOE Approval Process - Optical Parametric Amp																																			
XPP 03620	AWARD: XPP Optical Pulse Amplifier	1	0	375	98,575.00	107,446.75	03/03/10	03/03/10													▲ AWARD: XPP Optical Pulse Amplifier																																			
XPP 03640	Vendor Fab - Optical Parametric Amp (OPA)	70	0	375	98,575.00	107,446.75	03/04/10	06/09/10													▲ Vendor Fab - Optical Parametric Amp (OPA)																																			
XPP 03660	RCV: Optical Parametric Amplifier	0	0	375	0.00	0.00		06/09/10													◆ RCV: Optical Parametric Amplifier																																			
06 Testing																																																								
XPP 03680	Inspect/Test Procured Parts - Optical Para Amp	10	0	375	40.00	4,853.20	06/10/10	06/23/10													▲ Inspect/Test Procured Parts - Optical Para Amp																																			
XPP 03700	AVAIL: Optical Parametric Amp Ready for Install	0	0	375	0.00	0.00		06/23/10													◆ AVAIL: Optical Parametric Amp Ready for Install																																			
1.2.03.02.01 Optics & Optomechanics																																																								
03 Procurement																																																								
XPP 03720	Prep Bid Pkg & App - Opt & OptoMech Misc EQ	30	10	87	0.00	0.00	05/01/09A	09/30/09	▲ Prep Bid Pkg & App - Opt & OptoMech Misc EQ																																															
XPP 03740	AWARD: PO - XPP Opt & Opto Mechs Misc EQ	1	0	87	190,330.00	207,459.70	10/01/09	10/01/09	▲ AWARD: PO - XPP Opt & Opto Mechs Misc EQ																																															
XPP 03760	Vendor Fab - Opt & OptoMech Misc EQ	110	0	87	190,330.00	207,459.70	10/02/09	03/22/10	▲ Vendor Fab - Opt & OptoMech Misc EQ																																															
XPP 03780	RCV: Opt & Opto Mechs Misc EQ	0	0	87	0.00	0.00		03/22/10	◆ RCV: Opt & Opto Mechs Misc EQ																																															
XPP 03785	REQD: XPP Laser Sync & Optic Controls HW & SW	0	0	31	0.00	0.00		06/08/10	◆ REQD: XPP Laser Sync & Optic Controls HW & SW																																															
XPP 03790	AVAIL: Optics/Optomech Ready for Installation	0	0	31	0.00	0.00		06/08/10	◆ AVAIL: Optics/Optomech Ready for Installation																																															
1.2.03.02.02 Laser Diagnostics																																																								
03 Procurement																																																								
XPP 04020	Prep Bid Pkg & App - XPP Laser Diag Grenouille	30	0	65	0.00	0.00	11/02/09	12/15/09	▲ Prep Bid Pkg & App - XPP Laser Diag Grenouille																																															
XPP 04040	AWARD: PO - XPP Laser Diagnostics Grenouille	1	0	65	21,500.00	23,435.00	12/16/09	12/16/09	▲ AWARD: PO - XPP Laser Diagnostics Grenouille																																															
XPP 04060	Vendor Fab - XPP Laser Diagnostics Grenouille	70	0	65	21,500.00	23,435.00	12/17/09	04/07/10	▲ Vendor Fab - XPP Laser Diagnostics Grenouille																																															
XPP 04080	RCV: XPP Laser Diagnostics Grenouille	0	0	65	0.00	0.00		04/07/10	◆ RCV: XPP Laser Diagnostics Grenouille																																															
XPP 04285	Prep Bid Pkg & App - XPP Laser Diag Other EQ	30	0	65	0.00	0.00	11/02/09	12/15/09	▲ Prep Bid Pkg & App - XPP Laser Diag Other EQ																																															
XPP 04290	AWARD: PO - XPP Laser Diagnostics Other EQ	1	0	65	48,550.00	52,919.50	12/16/09	12/16/09	▲ AWARD: PO - XPP Laser Diagnostics Other EQ																																															
XPP 04300	Vendor Fab - XPP Laser Diagnostics Other EQ	70	0	65	48,550.00	52,919.50	12/17/09	04/07/10	▲ Vendor Fab - XPP Laser Diagnostics Other EQ																																															
XPP 04320	RCV: XPP Laser Diagnostics Other EQ	0	0	65	0.00	0.00		04/07/10	◆ RCV: XPP Laser Diagnostics Other EQ																																															
04 Subcontract																																																								
XPP 03920	Prep Bid Pkg & App - XPP Fast Oscilloscope	30	100		0.00	0.00	05/01/09A	05/29/09A	▲ Prep Bid Pkg & App - XPP Fast Oscilloscope																																															
XPP 03922	RELEASE: RFP - XPP Fast Oscilloscope	0	100		0.00	0.00		05/29/09A	◆ RELEASE: RFP - XPP Fast Oscilloscope																																															
XPP 03924	Vendor Proposal Effort - XPP Fast Oscilloscope	20	0	135	0.00	0.00	06/01/09	06/26/09	▲ Vendor Proposal Effort - XPP Fast Oscilloscope																																															
XPP 03926	RCV: Vendor Proposals - XPP Fast Oscilloscope	0	0	135	0.00	0.00		06/26/09	◆ RCV: Vendor Proposals - XPP Fast Oscilloscope																																															
XPP 03928	Eval & Selection Process - XPP Fast Oscilloscope	15	0	135	0.00	0.00	06/29/09	07/17/09	▲ Eval & Selection Process - XPP Fast Oscilloscope																																															
XPP 03930	Vendor Selection - XPP Fast Oscilloscope	0	0	135	0.00	0.00		07/17/09	◆ Vendor Selection - XPP Fast Oscilloscope																																															
XPP 03932	SLAC Approval Process - XPP Fast Oscilloscope	5	0	135	0.00	0.00	07/20/09	07/24/09	▲ SLAC Approval Process - XPP Fast Oscilloscope																																															
XPP 03934	DOE Approval Process - XPP Fast Oscilloscope	30	0	135	0.00	0.00	07/27/09	09/04/09	▲ DOE Approval Process - XPP Fast Oscilloscope																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
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XPP 03940	AWARD: XPP Fast Oscilloscope	1	0	135	123,820.00	132,487.40	09/07/09	09/07/09	X AWARD: XPP Fast Oscilloscope																																															
XPP 03960	Vendor Fab - XPP Fast Oscilloscope	70	0	135	123,820.00	134,776.30	09/08/09	12/16/09	Vendor Fab - XPP Fast Oscilloscope																																															
XPP 03980	RCV: XPP Fast Oscilloscope	0	0	135	0.00	0.00		12/16/09	RCV: XPP Fast Oscilloscope																																															
XPP 04120	Prep Bid Pkg & App - XPP Correlator	30	0	375	0.00	0.00	11/02/09	12/15/09	Prep Bid Pkg & App - XPP Correlator																																															
XPP 04122	RELEASE: RFP - XPP Correlator	0	0	375	0.00	0.00		12/15/09	RELEASE: RFP - XPP Correlator																																															
XPP 04124	Vendor Proposal Effort - XPP Correlator	20	0	375	0.00	0.00	12/16/09	01/26/10	Vendor Proposal Effort - XPP Correlator																																															
XPP 04126	RCV: Vendor Proposals - XPP Correlator	0	0	375	0.00	0.00		01/26/10	RCV: Vendor Proposals - XPP Correlator																																															
XPP 04128	Eval & Selection Process - XPP Correlator	15	0	375	0.00	0.00	01/27/10	02/16/10	Eval & Selection Process - XPP Correlator																																															
XPP 04130	Vendor Selection - XPP Correlator	0	0	375	0.00	0.00		02/16/10	Vendor Selection - XPP Correlator																																															
XPP 04132	SLAC Approval Process - XPP Correlator	5	0	375	0.00	0.00	02/17/10	02/23/10	SLAC Approval Process - XPP Correlator																																															
XPP 04134	DOE Approval Process - XPP Correlator	5	0	375	0.00	0.00	02/24/10	03/02/10	DOE Approval Process - XPP Correlator																																															
XPP 04140	AWARD: XPP Correlator	1	0	375	42,000.00	45,780.00	03/03/10	03/03/10	AWARD: XPP Correlator																																															
XPP 04160	Vendor Fab - XPP Correlator	70	0	375	42,000.00	45,780.00	03/04/10	06/09/10	Vendor Fab - XPP Correlator																																															
XPP 04180	RCV: XPP Correlator	0	0	375	0.00	0.00		06/09/10	RCV: XPP Correlator																																															
06 Testing																																																								
XPP 04005	REQD: XPP Laser Diag & PPS Controls HW & SW	0	0	77	0.00	0.00		03/22/10	REQD: XPP Laser Diag & PPS Controls HW & SW																																															
XPP 04010	Inspect/Test Procured Parts - Fast Oscilloscope	10	0	77	0.00	0.00	03/23/10	04/05/10	Inspect/Test Procured Parts - Fast Oscilloscope																																															
XPP 04100	REQD: XPP Laser Diag & PPS Controls HW & SW	0	0	77	0.00	0.00		03/22/10	REQD: XPP Laser Diag & PPS Controls HW & SW																																															
XPP 04105	Inspect/Test Procured Parts - Grenouille	10	0	65	0.00	0.00	04/08/10	04/21/10	Inspect/Test Procured Parts - Grenouille																																															
XPP 04200	REQD: XPP Laser Diag & PPS Controls HW & SW	0	0	432	0.00	0.00		03/22/10	REQD: XPP Laser Diag & PPS Controls HW & SW																																															
XPP 04205	Inspect/Test Procured Parts - Correlator	10	0	375	0.00	0.00	06/10/10	06/23/10	Inspect/Test Procured Parts - Correlator																																															
XPP 04210	AVAIL: XPP Lsr Diag Correlator Ready for Instl	0	0	375	0.00	0.00		06/23/10	AVAIL: XPP Lsr Diag Correlator Ready for Instl																																															
XPP 04340	REQD: XPP Laser Diag & PPS Controls HW & SW	0	0	77	0.00	0.00		03/22/10	REQD: XPP Laser Diag & PPS Controls HW & SW																																															
XPP 04345	Inspect/Test Procured Parts - Other Lsr Diag EQ	10	0	65	0.00	0.00	04/08/10	04/21/10	Inspect/Test Procured Parts - Other Lsr Diag EQ																																															
XPP 04365	AVAIL: Laser Diagnostics EQ Ready for Instl	0	0	65	0.00	0.00		04/21/10	AVAIL: Laser Diagnostics EQ Ready for Instl																																															
1.2.03.02.03 Hutch Optical Table System																																																								
02 Design / Engineering																																																								
XPP1232114	Apr08 through Sep08 Plan Adjustment	21	100		10,130.71	10,130.71	09/01/08A	09/30/08A																																																
XPP1232115	Design - Hutch Optical Table-Location 0-75%	188	100		0.00	0.00	04/01/08A	10/31/08A																																																
XPP1232117	Design - Hutch Optical Table-Location 76-100%	43	100		19.12	2,036.61	11/03/08A	12/19/08A	Design - Hutch Optical Table-Location 76-100%																																															
XPP1232120	FDR - Final Design Review - Hutch Opt Table Loc	1	100		8.00	806.84	12/19/08A	12/19/08A	FDR - Final Design Review - Hutch Opt Table Loc																																															
XPP1232180	Prep for Seismic Review - Hutch Opt Tble System	10	100		0.00	0.00	08/05/08A	08/18/08A																																																
XPP1232185	Seismic Peer Review & Approval - Hutch Opt Tble	20	100		0.00	0.00	10/06/08A	10/31/08A																																																

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
BL 01300	XPP Test Full size Array	60	0	60	30,096.00	49,663.20	06/04/09	08/26/09													XPP Test Full size Array																																			
BL 01310	XPP Test Full size Array Completed	0	0	60	0.00	0.00		08/26/09													XPP Test Full size Array Completed																																			
BL 01320	XPP Assemble final detector sensor	43	0	60	120.00	12,507.93	08/27/09	10/26/09													XPP Assemble final detector sensor																																			
BL 01330	XPP Completed - Final pixel arrays available	0	0	60	0.00	0.00		10/26/09													XPP Completed - Final pixel arrays available																																			
1.2.04.03 Detector Application Specific Integrated Circuit																																																								
02 Design / Engineering																																																								
BL 01360	XPP ASIC Fabricate first article	49	100		0.00	0.00	04/23/08A	07/15/08A																																																
BL 01361	Apr08 through Sep08 Plan Adjustment	21	100		39,964.07	39,964.07	09/01/08A	09/30/08A																																																
BL 01370	XPP ASIC First article completed	0	100		0.00	0.00		07/15/08A																																																
BL 01400	XPP Readout ASIC Testing	20	100		100,360.00	151,662.40	07/16/08A	02/06/09A	XPP Readout ASIC Testing																																															
BL 01410	XPP Readout ASIC 2 Design	63	100		0.00	0.00	01/15/09A	05/08/09A	XPP Readout ASIC 2 Design																																															
BL 01415	XPP Readout ASIC 2 Fabrication	40	30	123	0.00	0.00	05/09/09A	07/03/09	XPP Readout ASIC 2 Fabrication																																															
BL 01417	XPP Readout ASIC 2 Testing	18	0	123	30,144.00	54,201.36	07/06/09	07/29/09	XPP Readout ASIC 2 Testing																																															
BL 01420	XPP ASIC 2 Completed	0	0	123	0.00	0.00		07/29/09	XPP ASIC 2 Completed																																															
1.2.04.04 Detector Controls, Electronics and DAQ																																																								
02 Design / Engineering																																																								
BL 01425	Apr08 through Sep08 Plan Adjustment	21	100		136,348.68	136,348.68	09/01/08A	09/30/08A																																																
BL 01430	XPP Packaging- Design& Fab Detector Housing	80	80	231	160.00	17,633.60	11/15/08A	06/19/09	XPP Packaging- Design& Fab Detector Housing																																															
BL 01450	XPP Completed - Package design	0	0	160	0.00	0.00		09/28/09	XPP Completed - Package design																																															
BL 01460	XPP Prepare Documentation	125	0	430	0.00	0.00	09/29/09	04/07/10	XPP Prepare Documentation																																															
BL 01465	XPP Test PCBs	30	100		360.00	38,022.00	01/05/09A	02/13/09A	XPP Test PCBs																																															
BL 01505	XPP PCBs Completed	0	100		0.00	0.00		02/13/09A	XPP PCBs Completed																																															
BL 01515	XPP Build Test System	60	70	60	30,480.00	87,129.60	02/14/09A	06/08/09	XPP Build Test System																																															
BL 01520	XPP Design and Fabrication of PCBs	80	0	60	822.00	81,813.66	06/09/09	09/28/09	XPP Design and Fabrication of PCBs																																															
BL 01525	XPP Mechanical Housing Design and Fab	20	0	60	160.00	18,283.04	09/29/09	10/26/09	XPP Mechanical Housing Design and Fab																																															
BL 01530	XPP Completed - Package design	0	0	60	0.00	0.00		10/26/09	XPP Completed - Package design																																															
BL 01950	XPP FPGA Coding	118	30	93	720.00	74,312.30	02/16/09A	07/29/09	XPP FPGA Coding																																															
BL 01955	XPP Test with RCE	30	0	93	216.00	22,258.80	07/30/09	09/09/09	XPP Test with RCE																																															
BL 01960	XPP DAQ and Controls Complete	0	0	93	0.00	0.00		09/09/09	XPP DAQ and Controls Complete																																															
1.2.05.01 XPP Diffractometer System																																																								
02 Design / Engineering																																																								
XPP1251100	START: Diffractometer System (Diff)	0	100		0.00	0.00	09/04/07A																																																	
XPP1251105	Generate PRD - Diffractometer System	85	100		56,724.00	56,724.00	09/04/07A	01/18/08A																																																
XPP1251110	COMP: PRD Released - XPP Diffractometer	0	100		0.00	0.00		01/18/08A																																																

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
XPP1251115	Generate ESD - Diffractometer	44	100		0.00	0.00	04/01/08A	05/26/08A																																																
XPP1251120	COMP: ESD Released - XPP Diffractometer	0	100		0.00	0.00		05/26/08A																																																
XPP1251123	ESD Vendors Consultation / Comments	50	100		0.00	0.00	05/27/08A	07/31/08A																																																
XPP1251124	Apr08 through Sep08 Plan Adjustment	21	100		70,702.41	70,702.41	09/01/08A	09/30/08A																																																
XPP1251240	Prelim Design & Analysis - Detector Mover	30	100		0.00	0.00	06/10/08A	10/31/08A																																																
XPP1251500	Conduct Advance Procurement Review	2	100		0.00	0.00	11/03/08A	11/04/08A																																																
XPP1251505	COMP: Conduct Advance Procurement Review	0	100		0.00	0.00		11/04/08A																																																
XPP1251510	Prelim Basing Evaluation / Analysis	60	100		256.00	25,010.52	11/03/08A	01/30/09A	█ Prelim Basing Evaluation / Analysis																																															
XPP1251515	Basing Option Evaluation / Decision	5	100		20.00	2,305.80	02/02/09A	02/06/09A	█ Basing Option Evaluation / Decision																																															
XPP1251520	COMP: Robot Configuration Finalized	0	100		0.00	0.00		02/06/09A	◆ COMP: Robot Configuration Finalized																																															
XPP1251525	Final Positioning / Work Envelope Analysis	35	0	51	256.00	25,010.52	06/01/09*	07/17/09	█ Final Positioning / Work Envelope Analysis																																															
XPP1251530	COMP: Ready to Start Robot Procurement	0	100		0.00	0.00		02/06/09A	◆ COMP: Ready to Start Robot Procurement																																															
XPP1251630	Prelim Design & Analysis - Mover Support	50	100		360.00	35,730.40	02/09/09A	04/10/09A	█ Prelim Design & Analysis - Mover Support																																															
XPP1251632	Prep for PDR - Mover Support	10	100		0.00	0.00	04/13/09A	04/24/09A	█ Prep for PDR - Mover Support																																															
XPP1251634	PDR - Prelim Design Review - Mover Support	1	100		0.00	0.00	05/01/09A	05/01/09A	█ PDR - Prelim Design Review - Mover Support																																															
XPP1251636	COMP: Prelim Design - Mover Support	0	100		0.00	0.00		05/01/09A	◆ COMP: Prelim Design - Mover Support																																															
XPP1251638	Finalize Design - Mover Support	20	90	14	140.00	13,253.60	05/04/09A	06/01/09	█ Finalize Design - Mover Support																																															
XPP1251640	Prep for FDR - Mover Support	10	0	14	0.00	0.00	06/02/09	06/15/09	█ Prep for FDR - Mover Support																																															
XPP1251642	FDR - Final Design Review - Mover Support	1	0	14	0.00	0.00	06/16/09	06/16/09	█ FDR - Final Design Review - Mover Support																																															
XPP1251644	Incorp FDR Changes - Mover Support	10	0	14	0.00	0.00	06/17/09	06/30/09	█ Incorp FDR Changes - Mover Support																																															
XPP1251646	COMP: Final Design - Mover Support	0	0	14	0.00	0.00		06/30/09	◆ COMP: Final Design - Mover Support																																															
XPP1251647	Detail Dwgs - Mover Support	20	0	14	80.00	6,913.60	07/01/09	07/28/09	█ Detail Dwgs - Mover Support																																															
XPP1251648	COMP: Ready to Start Mover Support Procurement	0	0	745	0.00	0.00		06/30/09	◆ COMP: Ready to Start Mover Support Procurement																																															
XPP1251676	Safety System Spec / Design / Document	45	15	701	80.00	9,223.20	04/01/09A	08/31/09	█ Safety System Spec / Design / Document																																															
XPP1251680	Hrdwr Design Analysis - Array Detector Mounting	40	0	57	60.00	5,762.60	08/03/09*	09/25/09	█ Hrdwr Design Analysis - Array Detector Mounting																																															
XPP1251682	Cable Plant I/F Design - Array Detector Mounting	20	0	57	20.00	1,787.22	09/28/09	10/23/09	█ Cable Plant I/F Design - Array Detector Mounting																																															
XPP1251688	COMP: Final Design - Array Detector Mounting	0	0	57	0.00	0.00		10/23/09	◆ COMP: Final Design - Array Detector Mounting																																															
XPP1251700	Prelim Design - Alignment Fixtures	40	0	107	80.00	8,068.40	06/01/09	07/24/09	█ Prelim Design - Alignment Fixtures																																															
XPP1251702	Finalize Design - Alignment Fixtures	20	0	32	20.00	1,797.60	11/09/09*	12/08/09	█ Finalize Design - Alignment Fixtures																																															
XPP1251708	COMP: Final Design - Alignment Fixtures	0	0	32	0.00	0.00		12/08/09	◆ COMP: Final Design - Alignment Fixtures																																															
XPP1251861	Finalize Design - Mounting Base	20	0	42	80.00	8,068.40	06/29/09	07/24/09	█ Finalize Design - Mounting Base																																															
XPP1251863	Prep for FDR - Mounting Base	2	0	42	0.00	0.00	07/27/09	07/28/09	█ Prep for FDR - Mounting Base																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
XPP1251865	FDR - Final Design Review - Mounting Base	1	0	42	0.00	0.00	07/29/09	07/29/09													X FDR - Final Design Review - Mounting Base																																			
XPP1251867	Incorp FDR Changes - Mounting Base	2	0	42	20.00	1,728.40	07/30/09	07/31/09													X Incorp FDR Changes - Mounting Base																																			
XPP1251869	COMP: Final Design - Mounting Base	0	0	42	0.00	0.00		07/31/09													COMP: Final Design - Mounting Base																																			
XPP1251900	Prelim Design - Alignment Fixtures	40	0	62	30.00	3,170.00	06/01/09	07/24/09													Prelim Design - Alignment Fixtures																																			
XPP1251902	Finalize Design - Alignment Fixtures	20	0	107	20.00	1,728.40	07/27/09	08/21/09													Finalize Design - Alignment Fixtures																																			
XPP1251908	COMP: Final Design - Alignment Fixtures	0	0	107	0.00	0.00		08/21/09													COMP: Final Design - Alignment Fixtures																																			
XPP1251930	Finalize Design - Cable Management	20	0	57	40.00	3,456.80	08/03/09*	08/28/09													Finalize Design - Cable Management																																			
XPP1251936	COMP: Final Design - Cable Management	0	0	57	0.00	0.00		08/28/09													COMP: Final Design - Cable Management																																			
XPP1251950	Design - Component Lifting, Storage Fix.	15	0	37	40.00	3,595.20	11/02/09*	11/20/09													Design - Component Lifting, Storage Fix.																																			
XPP1251958	COMP: Design - Component Lifting, Storage Fix.	0	0	37	0.00	0.00		11/20/09													COMP: Design - Component Lifting, Storage Fix.																																			
03 Procurement																																																								
XPP1251690	Prep Bid Pkg & App - Array Detector Mounting	30	0	57	40.00	3,595.20	10/26/09	12/08/09													Prep Bid Pkg & App - Array Detector Mounting																																			
XPP1251692	AWARD: PO - XPP Array Detector Mounting	1	0	57	7,500.00	8,175.00	12/09/09	12/09/09													AWARD: PO - XPP Array Detector Mounting																																			
XPP1251694	Vendor Fab - Array Detector Mounting	30	0	57	7,500.00	8,175.00	12/10/09	02/03/10													Vendor Fab - Array Detector Mounting																																			
XPP1251696	RCV: Array Detector Mounting	0	0	57	0.00	0.00		02/03/10													RCV: Array Detector Mounting																																			
XPP1251710	Prep Bid Pkg & App - XPP Diff Sys Alignment Fixt	30	0	32	20.00	1,797.60	12/09/09	02/02/10													Prep Bid Pkg & App - XPP Diff Sys Alignment Fixt																																			
XPP1251712	AWARD: PO - XPP Diff Sys Alignment Fixtures	1	0	32	7,500.00	8,175.00	02/03/10	02/03/10													AWARD: PO - XPP Diff Sys Alignment Fixtures																																			
XPP1251714	Vendor Fab - XPP Diff Sys Alignment Fixtures	25	0	32	7,500.00	8,175.00	02/04/10	03/10/10													Vendor Fab - XPP Diff Sys Alignment Fixtures																																			
XPP1251716	RCV: XPP Diff Sys Alignment Fixtures	0	0	32	0.00	0.00		03/10/10													RCV: XPP Diff Sys Alignment Fixtures																																			
XPP1251870	Prep Bid Pkg & App - XPP Mounting Base	30	0	42	40.00	3,456.80	08/03/09	09/11/09													Prep Bid Pkg & App - XPP Mounting Base																																			
XPP1251875	AWARD: PO - XPP Mounting Base	1	0	42	15,000.00	16,050.00	09/14/09	09/14/09													AWARD: PO - XPP Mounting Base																																			
XPP1251880	Vendor Fab - XPP Mounting Base	105	0	42	15,000.00	16,328.57	09/15/09	02/24/10													Vendor Fab - XPP Mounting Base																																			
XPP1251885	RCV: XPP Mounting Base	0	0	42	0.00	0.00		02/24/10													RCV: XPP Mounting Base																																			
XPP1251910	Prep Bid Pkg & App - XPP Diff Sys Alignment Fixt	30	0	107	20.00	1,733.01	08/24/09	10/02/09													Prep Bid Pkg & App - XPP Diff Sys Alignment Fixt																																			
XPP1251912	AWARD: PO - XPP Diff Sys Alignment Fixtures	1	0	107	10,000.00	10,900.00	10/05/09	10/05/09													AWARD: PO - XPP Diff Sys Alignment Fixtures																																			
XPP1251914	Vendor Fab - XPP Diff Sys Alignment Fixtures	25	0	107	10,000.00	10,900.00	10/06/09	11/09/09													Vendor Fab - XPP Diff Sys Alignment Fixtures																																			
XPP1251916	RCV: XPP Diff Sys Alignment Fixtures	0	0	107	0.00	0.00		11/09/09													RCV: XPP Diff Sys Alignment Fixtures																																			
XPP1251938	Prep Bid Pkg & App - XPP Cable Management	30	0	57	20.00	1,744.55	08/31/09	10/09/09													Prep Bid Pkg & App - XPP Cable Management																																			
XPP1251940	AWARD: PO - XPP Cable Management	1	0	57	5,000.00	5,450.00	10/12/09	10/12/09													AWARD: PO - XPP Cable Management																																			
XPP1251942	Vendor Fab - XPP Cable Management	70	0	57	5,000.00	5,450.00	10/13/09	02/03/10													Vendor Fab - XPP Cable Management																																			
XPP1251944	RCV: XPP Cable Management	0	0	57	0.00	0.00		02/03/10													RCV: XPP Cable Management																																			
XPP1251960	Prep Bid Pkg & App -XPP Comp Lifting/Storage Fix	30	0	37	0.00	0.00	11/23/09	01/19/10													Prep Bid Pkg & App -XPP Comp Lifting/Storage Fix																																			

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
XPP1251962	AWARD: PO - XPP Comp Lifting, Storage Fixt	1	0	37	5,000.00	5,450.00	01/20/10	01/20/10													X AWARD: PO - XPP Comp Lifting, Storage Fixt																																			
XPP1251964	Vendor Fab - Component Lifting, Storage Fixtures	30	0	37	5,000.00	5,450.00	01/21/10	03/03/10													Vendor Fab - Component Lifting, Storage Fixtures																																			
XPP1251966	RCV: XPP Component Lifting, Storage Fixtures	0	0	37	0.00	0.00		03/03/10													RCV: XPP Component Lifting, Storage Fixtures																																			
04 Subcontract																																																								
XPP1251550	Prep Bid Pkg & App - Robot	15	100		0.00	0.00	02/09/09A	02/27/09A	Prep Bid Pkg & App - Robot																																															
XPP1251555	RELEASE: RFP - Robot	0	100		0.00	0.00		03/02/09A	RELEASE: RFP - Robot																																															
XPP1251560	Vendor Proposal Effort - Robot	30	100		0.00	0.00	03/02/09A	03/25/09A	Vendor Proposal Effort - Robot																																															
XPP1251565	RCV: Vendor Proposals - Robot	0	100		0.00	0.00		03/25/09A	RCV: Vendor Proposals - Robot																																															
XPP1251570	Eval & Selection Process - Robot	5	100		0.00	0.00	03/26/09A	03/30/09A	Eval & Selection Process - Robot																																															
XPP1251575	Vendor Selection - Robot	0	100		0.00	0.00		03/30/09A	Vendor Selection - Robot																																															
XPP1251580	SLAC Approval Process - Robot	5	100		0.00	0.00	04/01/09A	04/07/09A	SLAC Approval Process - Robot																																															
XPP1251585	DOE Approval Process - Robot	5	100		0.00	0.00	04/08/09A	04/14/09A	DOE Approval Process - Robot																																															
XPP1251590	AWARD: XPP Robot (FOREIGN)	1	0		85,000.00	90,950.00	04/15/09A	04/15/09A	AWARD: XPP Robot (FOREIGN)																																															
XPP1251595	Vendor Fab & Test - Robot	120	50	113	85,000.00	91,027.92	05/01/09A	10/15/09	Vendor Fab & Test - Robot																																															
XPP1251600	Review Vendor Test Results - Robot	1	0	113	0.00	0.00	10/16/09	10/16/09	Review Vendor Test Results - Robot																																															
XPP1251605	RCV: XPP Diffractometer Robot	0	0	113	0.00	0.00		10/30/09	RCV: XPP Diffractometer Robot																																															
XPP1251621	Generate ESD / SOW - Robot SW Development	20	100		20.00	2,305.80	05/01/09A	05/28/09A	Generate ESD / SOW - Robot SW Development																																															
XPP1251623	Prep Bid Pkg & App - Robot SW Development	20	20	145	0.00	0.00	05/29/09A	06/26/09	Prep Bid Pkg & App - Robot SW Development																																															
XPP1251625	AWARD: XPP Robot SW Development	1	0	145	20,000.00	21,400.00	06/29/09	06/29/09	AWARD: XPP Robot SW Development																																															
XPP1251627	SW Development / Admin Safety System - Robot	60	0	145	20,000.00	21,400.00	06/30/09	09/21/09	SW Development / Admin Safety System - Robot																																															
XPP1251629	RCV: SW Development/Admin Safety Sys - Robot	0	0	145	0.00	0.00		09/21/09	RCV: SW Development/Admin Safety Sys - Robot																																															
XPP1251650	Prep Bid Pkg & App - XPP Mover Support	20	0	24	0.00	0.00	06/17/09	07/14/09	Prep Bid Pkg & App - XPP Mover Support																																															
XPP1251652	RELEASE: RFP - XPP Mover Support	0	0	14	0.00	0.00		07/28/09	RELEASE: RFP - XPP Mover Support																																															
XPP1251654	Vendor Proposal Effort - XPP Mover Support	30	0	14	0.00	0.00	07/29/09	09/08/09	Vendor Proposal Effort - XPP Mover Support																																															
XPP1251656	RCV: Vendor Proposals - XPP Mover Support	0	0	14	0.00	0.00		09/08/09	RCV: Vendor Proposals - XPP Mover Support																																															
XPP1251658	Eval & Selection Process - XPP Mover Support	15	0	14	0.00	0.00	09/09/09	09/29/09	Eval & Selection Process - XPP Mover Support																																															
XPP1251660	Vendor Selection - XPP Mover Support	0	0	14	0.00	0.00		09/29/09	Vendor Selection - XPP Mover Support																																															
XPP1251662	SLAC Approval Process - XPP Mover Support	5	0	14	0.00	0.00	09/30/09	10/06/09	SLAC Approval Process - XPP Mover Support																																															
XPP1251664	DOE Approval Process - XPP Mover Support	5	0	14	0.00	0.00	10/07/09	10/13/09	DOE Approval Process - XPP Mover Support																																															
XPP1251666	AWARD: XPP Mover Support	1	0	14	30,000.00	32,700.00	10/14/09	10/14/09	AWARD: XPP Mover Support																																															
XPP1251668	Vendor Fab & Test - XPP Mover Support	100	0	14	30,000.00	32,700.00	10/15/09	03/19/10	Vendor Fab & Test - XPP Mover Support																																															
XPP1251670	Review Vendor Test Results - XPP Mover Support	1	0	14	0.00	0.00	03/22/10	03/22/10	Review Vendor Test Results - XPP Mover Support																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
XPP1251672	RCV: XPP Mover Support	0	0	14	0.00	0.00		04/05/10	◆ RCV: XPP Mover Support																																															
XPP1251750	Prep Bid Pkg & App - Sample Goniometer	20	100		20.00	2,305.80	11/03/08A	11/26/08A	◆ Prep Bid Pkg & App - Sample Goniometer																																															
XPP1251752	Prep Bid Pkg & App - Sample Goniometer	25	100		0.00	0.00	12/01/08A	01/16/09A	◆ Prep Bid Pkg & App - Sample Goniometer																																															
XPP1251755	RELEASE: RFP - Sample Goniometer	0	100		0.00	0.00		01/16/09A	◆ RELEASE: RFP - Sample Goniometer																																															
XPP1251760	Vendor Proposal Effort - Sample Goniometer	30	100		0.00	0.00	01/19/09A	02/27/09A	◆ Vendor Proposal Effort - Sample Goniometer																																															
XPP1251765	RCV: Vendor Proposals - Sample Goniometer	0	100		0.00	0.00		02/27/09A	◆ RCV: Vendor Proposals - Sample Goniometer																																															
XPP1251770	Eval & Selection Process - Sample Goniometer	5	100		0.00	0.00	03/02/09A	03/06/09A	◆ Eval & Selection Process - Sample Goniometer																																															
XPP1251775	Vendor Selection - Sample Goniometer	0	100		0.00	0.00		03/06/09A	◆ Vendor Selection - Sample Goniometer																																															
XPP1251780	SLAC Approval Process - Sample Goniometer	5	100		0.00	0.00	03/09/09A	03/13/09A	◆ SLAC Approval Process - Sample Goniometer																																															
XPP1251785	DOE Approval Process - Sample Goniometer	5	100		0.00	0.00	03/16/09A	03/20/09A	◆ DOE Approval Process - Sample Goniometer																																															
XPP1251790	AWARD: XPP Sample Goniometer (FOREIGN)	1	100		425,000.00	454,750.00	03/23/09A	03/23/09A	◆ AWARD: XPP Sample Goniometer (FOREIGN)																																															
XPP1251795	Vendor Design-Fab - XPP Sample Goniometer (Ph1)	66	20	28	127,500.00	136,425.00	03/24/09A	06/25/09	◆ Vendor Design-Fab - XPP Sample Goniometer (Ph1)																																															
XPP1251800	Prelim Status Review - XPP Sample Goniometer	1	0	28	0.00	0.00	06/26/09	06/26/09	◆ Prelim Status Review - XPP Sample Goniometer																																															
XPP1251805	Vendor Fab - XPP Sample Goniometer (Ph2)	88	0	28	170,000.00	182,286.36	06/29/09	10/28/09	◆ Vendor Fab - XPP Sample Goniometer (Ph2)																																															
XPP1251810	Final Status Review - XPP Sample Goniometer	1	0	28	0.00	0.00	10/29/09	10/29/09	◆ Final Status Review - XPP Sample Goniometer																																															
XPP1251815	Vendor Fab & Test - XPP Sample Goniometer (Ph3)	66	0	28	127,500.00	138,975.00	10/30/09	02/16/10	◆ Vendor Fab & Test - XPP Sample Goniometer (Ph3)																																															
XPP1251820	Review Vendor Test Results - XPSample Goniometer	5	0	28	20.00	2,398.20	02/17/10	02/23/10	◆ Review Vendor Test Results - XPSample Goniometer																																															
XPP1251825	Ship to SLAC - XPP Sample Goniometer	15	0	28	0.00	0.00	02/24/10	03/16/10	◆ Ship to SLAC - XPP Sample Goniometer																																															
XPP1251850	RCV: XPP Sample Goniometer	0	0	28	0.00	0.00		03/16/10	◆ RCV: XPP Sample Goniometer																																															
06 Testing																																																								
XPP1251610	Inspect Procured Parts - Robot	3	0	113	20.00	2,011.80	11/02/09	11/04/09	◆ Inspect Procured Parts - Robot																																															
XPP1251674	Inspect Procured Parts - Mover Support	3	0	14	20.00	2,011.80	04/06/10	04/08/10	◆ Inspect Procured Parts - Mover Support																																															
XPP1251678	Interface w/ controls	40	0	57	40.00	4,487.00	08/03/09*	09/25/09	◆ Interface w/ controls																																															
XPP1251698	Inspect Procured Parts - Array Detector Mounting	3	0	57	20.00	2,011.80	02/04/10	02/08/10	◆ Inspect Procured Parts - Array Detector Mounting																																															
XPP1251718	Inspect Procured Parts - Alignment Fixtures	3	0	32	20.00	2,011.80	03/11/10	03/15/10	◆ Inspect Procured Parts - Alignment Fixtures																																															
XPP1251855	Inspect Procured Parts - Sample Goniometer	3	0	28	20.00	2,011.80	03/17/10	03/19/10	◆ Inspect Procured Parts - Sample Goniometer																																															
XPP1251890	Inspect Procured Parts - Mounting Base	3	0	42	20.00	2,011.80	02/25/10	03/01/10	◆ Inspect Procured Parts - Mounting Base																																															
XPP1251918	Inspect Procured Parts - Alignment Fixtures	3	0	107	20.00	2,011.80	11/10/09	11/12/09	◆ Inspect Procured Parts - Alignment Fixtures																																															
XPP1251946	Inspect Procured Parts - Cable Management	3	0	57	20.00	2,011.80	02/04/10	02/08/10	◆ Inspect Procured Parts - Cable Management																																															
XPP1251968	Inspect Procured Parts - Comp. Lifting, Stor. Fi	3	0	37	20.00	2,011.80	03/04/10	03/08/10	◆ Inspect Procured Parts - Comp. Lifting, Stor. Fi																																															
XPP1251999	AVAIL: Diffractometer Sys Ready for Installation	0	0	14	0.00	0.00		04/08/10	◆ AVAIL: Diffractometer Sys Ready for Installation																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
1.2.06.02 XPP Utilities & Hutch Equipment																																																								
02 Design / Engineering																																																								
XPP 08300	XPP Hutch Layout/Design	95*	100		180.00	17,536.80	11/03/08A	03/27/09A	XPP Hutch Layout/Design																																															
03 Procurement																																																								
XPP 08330	Prep Bid Pkg & App - XPP Hutch Cabinets	30	100		0.00	0.00	04/27/09A	04/30/09A	Prep Bid Pkg & App - XPP Hutch Cabinets																																															
XPP 08340	AWARD: PO - XPP Hutch Cabinets	1	100		10,611.00	11,353.77	05/01/09A	05/01/09A	AWARD: PO - XPP Hutch Cabinets																																															
XPP 08380	Vendor Fab - XPP Hutch Cabinets	60	70	61	10,611.68	11,354.50	05/04/09A	07/24/09	Vendor Fab - XPP Hutch Cabinets																																															
XPP 08400	RCV: XPP Hutch Cabinets	0	0	61	0.00	0.00		07/24/09	RCV: XPP Hutch Cabinets																																															
XPP 08410	Prep Bid Pkg & App - XPP Drop Floor	30	80	20	0.00	0.00	05/18/09A	06/26/09	Prep Bid Pkg & App - XPP Drop Floor																																															
XPP 08420	AWARD: PO - XPP Drop Floor	1	0	20	20,423.00	21,852.61	06/29/09	06/29/09	AWARD: PO - XPP Drop Floor																																															
XPP 08430	Vendor Fab - XPP Drop Floor	60	0	20	20,423.00	21,852.61	06/30/09	09/21/09	Vendor Fab - XPP Drop Floor																																															
XPP 08440	RCV: XPP Drop Floor	0	0	20	0.00	0.00		09/21/09	RCV: XPP Drop Floor																																															
XPP 08450	Prep Bid Pkg & App - XPP Cable Trays	30	0	10	0.00	0.00	06/01/09	07/10/09	Prep Bid Pkg & App - XPP Cable Trays																																															
XPP 08460	AWARD: PO - XPP Cable Trays	1	0	10	20,000.00	21,400.00	07/13/09	07/13/09	AWARD: PO - XPP Cable Trays																																															
XPP 08470	Vendor Fab - XPP Cable Trays	60	0	10	20,000.00	21,600.00	07/14/09	10/05/09	Vendor Fab - XPP Cable Trays																																															
XPP 08475	RCV: XPP Cable Trays	0	0	10	0.00	0.00		10/05/09	RCV: XPP Cable Trays																																															
XPP 08481	Prep Bid Pkg & App - XPP Hutch Other Equipment	30	100		0.00	0.00	05/18/09A	05/22/09A	Prep Bid Pkg & App - XPP Hutch Other Equipment																																															
XPP 08491	AWARD: PO - XPP Hutch Other Equipment	1	70	766	10,000.00	10,700.00	05/25/09A	06/01/09	AWARD: PO - XPP Hutch Other Equipment																																															
XPP 08501	Vendor Fab - XPP Hutch Other Equipment	60	25	41	10,000.00	10,700.00	05/26/09A	08/21/09	Vendor Fab - XPP Hutch Other Equipment																																															
XPP 08511	RCV: XPP Hutch Other Equipment	0	0	41	0.00	0.00		08/21/09	RCV: XPP Hutch Other Equipment																																															
XPP 08516	AVAIL: XPP Utilities & Hutch EQ Ready for Instl	0	0	10	0.00	0.00		10/05/09	AVAIL: XPP Utilities & Hutch EQ Ready for Instl																																															
1.2.07.01 XPP Vacuum Equipment																																																								
02 Design / Engineering																																																								
XPP 08480	Start XPP Vacuum System (Vac)	0	100		0.00	0.00	08/19/08A																																																	
XPP 08540	Generate ESD - XPP Vacuum Equipment	10	100		0.00	0.00	08/19/08A	08/29/08A																																																
XPP 08560	COMP: ESD Released - XPP Vacuum Equipment	0	100		0.00	0.00		01/05/09A	COMP: ESD Released - XPP Vacuum Equipment																																															
XPP 08561	Apr08 through Sep08 Plan Adjustment	21	100		9,393.80	9,393.80	09/01/08A	09/30/08A																																																
XPP 08580	Vacuum Design & Analysis (0-75%)	40	100		0.00	0.00	09/01/08A	10/31/08A																																																
XPP 08590	Vacuum Design & Analysis (76-100%)	33	100		40.00	4,034.20	11/03/08A	12/19/08A	Vacuum Design & Analysis (76-100%)																																															
XPP 08600	FDR - XPP Vacuum Equip Final Design Review	1	100		8.00	806.84	01/06/09A	01/06/09A	FDR - XPP Vacuum Equip Final Design Review																																															
XPP 08660	Generate Layouts - XPP Vacuum Equipment (0-25%)	20	100		0.00	0.00	10/28/08A	10/31/08A																																																
XPP 08670	Generate Layouts - XPP Vacuum Equipment(26-100%)	15	100		30.00	3,025.65	11/03/08A	11/21/08A	Generate Layouts - XPP Vacuum Equipment(26-100%)																																															
XPP 08800	Generate Mfg Docs - Vacuum Equipment	20	0	95	80.00	9,223.20	06/01/09*	06/26/09	Generate Mfg Docs - Vacuum Equipment																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
03 Procurement																																																								
XPP 08900	START: Procurement Vacuum Equipment	0	0	95	0.00	0.00	06/29/09		◆ START: Procurement Vacuum Equipment																																															
XPP 08910	Prep Bid Pkg & App - XPP Ion Pumps	30	0	125	0.00	0.00	06/29/09	08/07/09	▲ Prep Bid Pkg & App - XPP Ion Pumps																																															
XPP 08930	AWARD: PO - XPP Ion Pumps	1	0	125	15,950.00	17,066.50	08/10/09	08/10/09	✕ AWARD: PO - XPP Ion Pumps																																															
XPP 08940	Vendor Fab - XPP Ion Pumps	60	0	125	15,950.00	17,385.50	08/11/09	11/02/09	▲ Vendor Fab - XPP Ion Pumps																																															
XPP 08950	RCV: XPP Ion Pumps	0	0	125	0.00	0.00		11/02/09	◆ RCV: XPP Ion Pumps																																															
XPP 15000	Prep Bid Pkg & App - XPP Ion Gauges	30	0	125	0.00	0.00	06/29/09	08/07/09	▲ Prep Bid Pkg & App - XPP Ion Gauges																																															
XPP 15010	AWARD: PO - XPP Ion Gauges	1	0	125	3,620.00	3,873.40	08/10/09	08/10/09	✕ AWARD: PO - XPP Ion Gauges																																															
XPP 15020	Vendor Fab - XPP Ion Gauges	60	0	125	3,620.00	3,945.80	08/11/09	11/02/09	▲ Vendor Fab - XPP Ion Gauges																																															
XPP 15030	RCV: XPP Ion Gauges	0	0	125	0.00	0.00		11/02/09	◆ RCV: XPP Ion Gauges																																															
XPP 15060	Prep Bid Pkg & App - XPP VAT Valve (FOREIGN)	30	0	95	0.00	0.00	06/29/09	08/07/09	▲ Prep Bid Pkg & App - XPP VAT Valve (FOREIGN)																																															
XPP 15062	AWARD: PO - XPP VAT Valve (FOREIGN)	1	0	95	21,100.00	22,577.00	08/10/09	08/10/09	✕ AWARD: PO - XPP VAT Valve (FOREIGN)																																															
XPP 15064	Vendor Fab - VAT Valve (FOREIGN)	90	0	95	21,100.00	22,999.00	08/11/09	12/16/09	▲ Vendor Fab - VAT Valve (FOREIGN)																																															
XPP 15066	RCV: XPP VAT Valve (FOREIGN)	0	0	95	0.00	0.00		12/16/09	◆ RCV: XPP VAT Valve (FOREIGN)																																															
XPP 15180	Prep Bid Pkg & App - XPP Vacuum EQ Misc Hardware	30	0	125	0.00	0.00	06/29/09	08/07/09	▲ Prep Bid Pkg & App - XPP Vacuum EQ Misc Hardware																																															
XPP 15190	AWARD: PO - XPP Vacuum Equip Misc Hardware	1	0	125	4,790.00	5,125.30	08/10/09	08/10/09	✕ AWARD: PO - XPP Vacuum Equip Misc Hardware																																															
XPP 15200	Vendor Fab - Misc Vacuum EQ Hardware	60	0	125	4,790.00	5,221.10	08/11/09	11/02/09	▲ Vendor Fab - Misc Vacuum EQ Hardware																																															
XPP 15210	RCV: XPP Misc Hardware	0	0	125	0.00	0.00		11/02/09	◆ RCV: XPP Misc Hardware																																															
04 Subcontract																																																								
XPP 15120	Prep Bid Pkg & App - XPP Vacuum Pumping Equip	30	0	125	0.00	0.00	06/29/09	08/07/09	▲ Prep Bid Pkg & App - XPP Vacuum Pumping Equip																																															
XPP 15130	AWARD: PO - XPP Vacuum Pumping Equip	1	0	125	60,810.00	65,066.70	08/10/09	08/10/09	✕ AWARD: PO - XPP Vacuum Pumping Equip																																															
XPP 15140	Vendor Fab - XPP Vacuum Pumping Equip	60	0	125	60,810.00	66,282.90	08/11/09	11/02/09	▲ Vendor Fab - XPP Vacuum Pumping Equip																																															
XPP 15150	RCV: XPP Vacuum Pumping Equip	0	0	125	0.00	0.00		11/02/09	◆ RCV: XPP Vacuum Pumping Equip																																															
06 Testing																																																								
XPP 08960	Inspect/Test Procured Parts - XPP Ion Pumps	10	0	125	24.00	2,414.16	11/03/09	11/16/09	▲ Inspect/Test Procured Parts - XPP Ion Pumps																																															
XPP 08970	AVAIL: XPP Ion Pumps Ready for Install	0	0	125	0.00	0.00		11/16/09	◆ AVAIL: XPP Ion Pumps Ready for Install																																															
XPP 15040	Inspect/Test Procured Parts - XPP Ion Gauges	10	0	125	16.00	1,609.44	11/03/09	11/16/09	▲ Inspect/Test Procured Parts - XPP Ion Gauges																																															
XPP 15050	AVAIL: XPP Ion Gauges Ready for Install	0	0	125	0.00	0.00		11/16/09	◆ AVAIL: XPP Ion Gauges Ready for Install																																															
XPP 15068	Inspect/Test Procured Parts - XPP VAT Valve	10	0	95	24.00	2,414.16	12/17/09	01/13/10	▲ Inspect/Test Procured Parts - XPP VAT Valve																																															
XPP 15069	AVAIL: XPP VAT Valve Ready for Install	0	0	95	0.00	0.00		01/13/10	◆ AVAIL: XPP VAT Valve Ready for Install																																															
XPP 15160	Inspect/Test Procured Parts - XPP Vac Pumping EQ	10	0	125	80.00	8,047.20	11/03/09	11/16/09	▲ Inspect/Test Procured Parts - XPP Vac Pumping EQ																																															
XPP 15170	AVAIL: XPP Pumping EQ Ready for Install	0	0	125	0.00	0.00		11/16/09	◆ AVAIL: XPP Pumping EQ Ready for Install																																															
XPP 15220	Inspect/Test Procured Parts - XPP Misc Vacuum EQ	10	0	125	8.00	804.72	11/03/09	11/16/09	▲ Inspect/Test Procured Parts - XPP Misc Vacuum EQ																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
XPP 15230	AVAIL: XPP Misc Vac EQ Hdw Ready for Install	0	0	125	0.00	0.00		11/16/09	◆ AVAIL: XPP Misc Vac EQ Hdw Ready for Install																																															
1.2.07.02.01 XPP Spools & Bellows																																																								
02 Design / Engineering																																																								
XPP 08860	Generate Layouts - XPP Spools	119	100		60.00	5,762.60	11/10/08A	04/30/09A	■ Generate Layouts - XPP Spools																																															
XPP 08870	Generate Layouts - XPP Bellows	114	100		60.00	5,762.60	11/17/08A	04/30/09A	■ Generate Layouts - XPP Bellows																																															
XPP 12000	Generate Detail Drawings - XPP Spools & Bellows	20	100		120.00	10,370.40	05/01/09A	05/28/09A	■ Generate Detail Drawings - XPP Spools & Bellows																																															
XPP 12005	Check & Release Dwgs - XPP Spools/Bellows	10	50	139	72.00	7,852.32	05/29/09A	06/11/09	▲ Check & Release Dwgs - XPP Spools/Bellows																																															
XPP 12010	COMP: Detail Dwgs - XPP Spools & Bellows	0	0	139	0.00	0.00		06/11/09	◆ COMP: Detail Dwgs - XPP Spools & Bellows																																															
03 Procurement																																																								
XPP 15600	START: Procurement - XPP Bellows & Spools	0	0	139	0.00	0.00	06/12/09		◆ START: Procurement - XPP Bellows & Spools																																															
XPP 15610	Prep Bid Pkg & App - XPP Vacuum Spools	30	0	141	0.00	0.00	06/12/09	07/23/09	▲▲ Prep Bid Pkg & App - XPP Vacuum Spools																																															
XPP 15620	AWARD: PO - XPP Vacuum Spools	1	0	141	13,680.00	14,637.60	07/24/09	07/24/09	▲ AWARD: PO - XPP Vacuum Spools																																															
XPP 15630	Vendor Fab - XPP Vacuum Spools	60	0	141	13,680.00	14,911.20	07/27/09	10/16/09	▲ Vendor Fab - XPP Vacuum Spools																																															
XPP 15640	RCV: XPP Vacuum Spools	0	0	141	0.00	0.00		10/16/09	◆ RCV: XPP Vacuum Spools																																															
XPP 15680	Prep Bid Pkg & App - XPP Vacuum Bellows	30	0	139	0.00	0.00	06/12/09	07/23/09	▲▲ Prep Bid Pkg & App - XPP Vacuum Bellows																																															
XPP 15690	AWARD: PO - XPP Vacuum Bellows	1	0	139	7,820.00	8,367.40	07/24/09	07/24/09	▲ AWARD: PO - XPP Vacuum Bellows																																															
XPP 15700	Vendor Fab - XPP Vacuum Bellows	60	0	139	7,820.00	8,523.80	07/27/09	10/16/09	▲ Vendor Fab - XPP Vacuum Bellows																																															
XPP 15710	RCV: XPP Vacuum Bellows	0	0	139	0.00	0.00		10/16/09	◆ RCV: XPP Vacuum Bellows																																															
06 Testing																																																								
XPP 15660	Vacuum Process - Spool	5	0	141	80.00	8,047.20	10/19/09	10/23/09	▲ Vacuum Process - Spool																																															
XPP 15670	AVAIL: XPP Vacuum Spools Ready for Install	0	0	141	0.00	0.00		10/23/09	◆ AVAIL: XPP Vacuum Spools Ready for Install																																															
XPP 15720	Inspect/Test Procured Parts - XPP Bellows	2	0	139	8.00	804.72	10/19/09	10/20/09	▲ Inspect/Test Procured Parts - XPP Bellows																																															
XPP 15730	Clean Fire - XPP Bellows	5	0	139	3,000.00	3,270.00	10/21/09	10/27/09	▲ Clean Fire - XPP Bellows																																															
XPP 15790	AVAIL: XPP Vacuum Bellows Ready for Install	0	0	139	0.00	0.00		10/27/09	◆ AVAIL: XPP Vacuum Bellows Ready for Install																																															
1.2.07.02.02 XPP Vacuum Supports																																																								
03 Procurement																																																								
XPP 16270	Prep Bid Pkg & App - XPP Vacuum Supports	30	75	163	0.00	0.00	05/01/09A	06/11/09	▲▲ Prep Bid Pkg & App - XPP Vacuum Supports																																															
XPP 16280	AWARD: XPP Vacuum Supports	1	0	163	4,500.00	4,815.00	06/12/09	06/12/09	▲ AWARD: XPP Vacuum Supports																																															
XPP 16290	Vendor Fab - XPP Vacuum Supports	60	0	163	4,500.00	4,815.00	06/15/09	09/04/09	▲ Vendor Fab - XPP Vacuum Supports																																															
XPP 16300	RCV: XPP Vacuum Supports	0	0	163	0.00	0.00		09/04/09	◆ RCV: XPP Vacuum Supports																																															
06 Testing																																																								
XPP 16310	Inspect/Test Procured Parts - XPP Vacuum Supts	5	0	163	20.00	1,934.40	09/07/09	09/11/09	▲ Inspect/Test Procured Parts - XPP Vacuum Supts																																															
XPP 16320	Assemble - XPP Vacuum Supports	8	0	163	20.00	1,934.40	09/14/09	09/23/09	▲ Assemble - XPP Vacuum Supports																																															
XPP 16340	AVAIL: XPP Vacuum Supt Ready for Install	0	0	163	0.00	0.00		09/23/09	◆ AVAIL: XPP Vacuum Supt Ready for Install																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
1.2.08.01 XPP Installation																																																								
02 Design / Engineering																																																								
XPP1281000	Pre-Installation Planning Coordination Phase 1	42	100		44.00	4,798.64	02/02/09A	03/31/09A	██████████ Pre-Installation Planning Coordination Phase 1																																															
XPP1281002	Pre-Installation Planning Coordination Phase 2	66	20	1	76.00	8,288.56	05/01/09A	07/31/09	██████████ Pre-Installation Planning Coordination Phase 2																																															
XPP1281020	START: XPP Installation	0	0	1	0.00	0.00	08/03/09		◆ START: XPP Installation																																															
XPP1281030	Engineering Oversight - Installation	260	0	1	320.00	33,178.18	08/03/09	08/17/10	██████████ Engineering Oversight - Installation																																															
XPP1281060	Generate Installation Procedures/Checklists	20	0	1	80.00	8,724.80	08/03/09	08/28/09	██████████ Generate Installation Procedures/Checklists																																															
XPP1281070	Installation Status Review	5	0	1	0.00	0.00	08/31/09	09/04/09	██████████ Installation Status Review																																															
07 Installation																																																								
XPP1281010	REQD: LCLS NEH Beneficial Occupancy	0	100		0.00	0.00		03/02/09A	◆ REQD: LCLS NEH Beneficial Occupancy																																															
XPP1281075	REQD: All Utilities/Electrical Hardware	0	0	10	0.00	0.00		10/05/09	◆ REQD: All Utilities/Electrical Hardware																																															
XPP1282000	Prep for and Establish Hutch Alignment System	20	0	1	200.00	16,642.40	09/07/09	10/02/09	██████████ Prep for and Establish Hutch Alignment System																																															
XPP1282010	Locate and Mark XPP Support Anchor Locations	10	0	1	120.00	10,344.00	10/05/09	10/16/09	██████████ Locate and Mark XPP Support Anchor Locations																																															
XPP1282020	Prep for and Install Overhead Utility Supports	5	0	1	40.00	4,023.60	10/19/09	10/23/09	██████████ Prep for and Install Overhead Utility Supports																																															
XPP1282030	Prep for and Install Overhead Cabletrays	10	0	1	80.00	8,047.20	10/26/09	11/06/09	██████████ Prep for and Install Overhead Cabletrays																																															
XPP1282040	Prep for and Install Overhead Fluid-Gas Supplies	5	0	1	40.00	4,023.60	11/09/09	11/13/09	██████████ Prep for and Install Overhead Fluid-Gas Supplies																																															
XPP1282050	Prep for and Instl Overhead Pwr-Data-Fluid Lines	10	0	1	160.00	13,362.40	11/16/09	12/01/09	██████████ Prep for and Instl Overhead Pwr-Data-Fluid Lines																																															
XPP1282060	REQD: Controls Cables and Racks	0	0	46	0.00	0.00		09/25/09	◆ REQD: Controls Cables and Racks																																															
XPP1282070	Prep for and Install Controls Racks	5	0	1	80.00	6,681.20	12/02/09	12/08/09	██████████ Prep for and Install Controls Racks																																															
XPP1282080	Prep for and Install Floor Level Utility Supts	5	0	1	40.00	4,023.60	12/09/09	12/15/09	██████████ Prep for and Install Floor Level Utility Supts																																															
XPP1282090	Prep for and Install Floor Level Cabletrays	10	0	1	80.00	8,047.20	12/16/09	01/12/10	██████████ Prep for and Install Floor Level Cabletrays																																															
XPP1282100	Prep for and Instl Floor Fluid-Gas Supplies	5	0	1	40.00	4,023.60	01/13/10	01/19/10	██████████ Prep for and Instl Floor Fluid-Gas Supplies																																															
XPP1282110	Prep for and Instl Floor Pwr-Data-Fluid Lines	10	0	1	160.00	13,362.40	01/20/10	02/02/10	██████████ Prep for and Instl Floor Pwr-Data-Fluid Lines																																															
XPP1282120	Prep for and Install Rail Floor / Railings	10	0	1	80.00	8,047.20	02/03/10	02/16/10	██████████ Prep for and Install Rail Floor / Railings																																															
XPP1283000	Prep for, Drill & Install Hutch Supt Flr Plates	10	0	1	80.00	8,047.20	02/17/10	03/02/10	██████████ Prep for, Drill & Install Hutch Supt Flr Plates																																															
XPP1283010	Prep for and Align Floor Plates	10	0	1	80.00	6,896.00	03/03/10	03/16/10	██████████ Prep for and Align Floor Plates																																															
XPP1283020	REQD: Table/Supts/Shieldng/Diag Girdr/Optcs	0	0	116	0.00	0.00		09/18/09	◆ REQD: Table/Supts/Shieldng/Diag Girdr/Optcs																																															
XPP1283030	Rig / Transport Supports to Hutch	15	0	1	2,120.00	14,250.80	03/17/10	04/06/10	██████████ Rig / Transport Supports to Hutch																																															
XPP1283040	Prep for, Install and Align Supports	15	0	1	120.00	12,070.80	04/07/10	04/27/10	██████████ Prep for, Install and Align Supports																																															
XPP1283050	REQD: Detector Mover & Diffractometer Sys	0	0	14	0.00	0.00		04/08/10	◆ REQD: Detector Mover & Diffractometer Sys																																															
XPP1283060	Prep for and Install Detector Motion	10	0	1	80.00	8,047.20	04/28/10	05/11/10	██████████ Prep for and Install Detector Motion																																															
XPP1283070	Prep for and Install Diffractometer Sample Mount	10	0	1	80.00	8,047.20	05/12/10	05/25/10	██████████ Prep for and Install Diffractometer Sample Mount																																															
XPP1283080	REQD: XPP ES Diagnostics & Common Optics	0	0	1	0.00	0.00		05/25/10	◆ REQD: XPP ES Diagnostics & Common Optics																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09				FY10				FY11				FY12																			
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J
XPP1283090	REQD: XPP Beamline Components for Installation	0	0	60	0.00	0.00		03/03/10	◆ REQD: XPP Beamline Components for Installation																															
XPP1283100	Prep for and Install Beamline Components	15	0	1	120.00	12,070.80	05/26/10	06/15/10	▲▲▲ Prep for and Install Beamline Components																															
XPP1283120	Install Component Specific Pwr-Data-Fluid Lines	10	0	1	80.00	6,681.20	06/16/10	06/29/10	▲▲▲ Install Component Specific Pwr-Data-Fluid Lines																															
XPP1283140	Interconnect & Test Pwr-Data-Fluid Lines	10	0	1	120.00	9,338.80	06/30/10	07/13/10	▲▲▲ Interconnect & Test Pwr-Data-Fluid Lines																															
XPP1283150	Perform Beamline Fine Alignment	10	0	1	80.00	6,896.00	07/14/10	07/27/10	▲▲▲ Perform Beamline Fine Alignment																															
XPP1284000	Prep for, Drill & Install Hutch Supt Flr Plates	10	0	31	80.00	8,047.20	03/03/10	03/16/10	▲▲▲ Prep for, Drill & Install Hutch Supt Flr Plates																															
XPP1284010	Prep for and Align Floor Plates	10	0	31	80.00	6,896.00	03/17/10	03/30/10	▲▲▲ Prep for and Align Floor Plates																															
XPP1284020	Install Laser Transport to Hutch	10	0	31	80.00	8,047.20	03/31/10	04/13/10	▲▲▲ Install Laser Transport to Hutch																															
XPP1284030	REQD: Laser Containment Sys/Lsr Opt Table	0	0	170	0.00	0.00		09/14/09	◆ REQD: Laser Containment Sys/Lsr Opt Table																															
XPP1284040	Rig / Transport Optical Tables to Hutch	10	0	31	80.00	8,047.20	04/14/10	04/27/10	▲▲▲ Rig / Transport Optical Tables to Hutch																															
XPP1284050	Prep for, Install and Align Optics Tables	10	0	31	80.00	8,047.20	04/28/10	05/11/10	▲▲▲ Prep for, Install and Align Optics Tables																															
XPP1284060	Install Optical Equipment	15	0	31	120.00	12,070.80	05/12/10	06/01/10	▲▲▲ Install Optical Equipment																															
XPP1284070	Install Laser Safety System	5	0	31	80.00	8,047.20	06/02/10	06/08/10	▲▲▲ Install Laser Safety System																															
XPP1285000	REQD: Controls Hardware and Software	0	0	8	0.00	0.00		06/18/10	◆ REQD: Controls Hardware and Software																															
XPP1285020	REQD: Optics/OptoMechanical EQ	0	0	31	0.00	0.00		06/08/10	◆ REQD: Optics/OptoMechanical EQ																															
XPP1285030	REQD: Laser Diagnostic System EQ Ready to Instl	0	0	65	0.00	0.00		04/21/10	◆ REQD: Laser Diagnostic System EQ Ready to Instl																															
XPP1285040	Interconnect & Test - Laser System	5	0	23	80.00	8,047.20	06/21/10	06/25/10	▲▲▲ Interconnect & Test - Laser System																															
XPP1285060	REQD: XPP Valve Controls HW & SW	0	0	81	0.00	0.00		04/06/10	◆ REQD: XPP Valve Controls HW & SW																															
XPP1285070	REQD: XPP Vacuum Controls HW & SW	0	0	16	0.00	0.00		07/06/10	◆ REQD: XPP Vacuum Controls HW & SW																															
XPP1285080	XPP READY FOR XPP ES APPROVAL/OPERATIONS	0	0	1	0.00	0.00		07/27/10	◆ XPP READY FOR XPP ES APPROVAL/OPERATIONS																															
XPP1286000	Install Laser Hall Fluid-Gas Lines	10	0	176	40.00	3,868.80	09/07/09	09/18/09	▲▲▲ Install Laser Hall Fluid-Gas Lines																															
XPP1286010	Install Laser Hall Pwr-Data-Fluid Lines	20	0	176	160.00	13,156.64	09/21/09	10/16/09	▲▲▲ Install Laser Hall Pwr-Data-Fluid Lines																															
XPP1286020	Install Laser Hall Controls Racks	10	0	176	80.00	6,681.20	10/19/09	10/30/09	▲▲▲ Install Laser Hall Controls Racks																															
XPP1286030	REQD: Laser System Equip Ready for Instl	0	0	371	0.00	0.00		06/29/10	◆ REQD: Laser System Equip Ready for Instl																															
XPP1286100	REQD: CD-4c Diagnostics & Common Optics	0	0	164	0.00	0.00		04/21/11	◆ REQD: CD-4c Diagnostics & Common Optics																															
XPP1286105	Vent, configure beamline and install hrwr - XFL/	3	0	164	72.00	7,531.92	04/22/11	04/26/11	▲▲▲ Vent, configure beamline and install hrwr - XFL/																															
XPP1286110	Coarse align beamline - XFL/ATT/HRM	1	0	164	24.00	2,151.36	04/27/11	04/27/11	✗ Coarse align beamline - XFL/ATT/HRM																															
XPP1286115	Pumpdown and leak check - XFL/ATT/HRM	1	0	164	24.00	2,510.64	04/28/11	04/28/11	✗ Pumpdown and leak check - XFL/ATT/HRM																															
XPP1286120	Controls interconnect/test - XFL/ATT/HRM	1	0	164	24.00	1,658.16	04/29/11	04/29/11	✗ Controls interconnect/test - XFL/ATT/HRM																															
XPP1286125	Fine align beamline - XFL/ATT/HRM	1	0	164	24.00	2,151.36	05/02/11	05/02/11	✗ Fine align beamline - XFL/ATT/HRM																															
1.3 COHERENT X-RAY IMAGING (CXI)																																								
01 Management / Administration																																								
CXI 00300	COMP: Prelim Design Complete - CXI Instrument	0	100			0.00		0.00																				12/07/07A												

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
CXI 00400	COMP: Prelim Design Complete - CXI Components	0	100		0.00	0.00		05/15/09A	◆ COMP: Prelim Design Complete - CXI Components																																															
CXI 00410	COMP: Final Design Complete - CXI Components	0	0	280	0.00	0.00		03/31/10	◆ COMP: Final Design Complete - CXI Components																																															
CXI 00420	COMP: Final Instrument Design Review - CXI	0	0	17	0.00	0.00		06/17/09	◆ COMP: Final Instrument Design Review - CXI																																															
CXI 00450	COMP: CXI Early Science Components Installation	0	0	-17	0.00	0.00		06/07/11	◆ COMP: CXI Early Science Components Installation																																															
CXI 00480	COMP: CXI CD-4 Preliminary Design Complete	0	0	376	0.00	0.00		10/30/09	◆ COMP: CXI CD-4 Preliminary Design Complete																																															
CXI 00500	COMP: CXI CD-4 Final Design Complete	0	0	309	0.00	0.00		02/18/10	◆ COMP: CXI CD-4 Final Design Complete																																															
CXI 00540	COMP: CXI Final Installation Complete	0	0	95	0.00	0.00		08/05/11	◆ COMP: CXI Final Installation Complete																																															
1.3.01 CXI System Integration & Design																																																								
02 Design / Engineering																																																								
CXI 01040	START: CXI Instrument	0	100		0.00	0.00		09/03/07A																																																
CXI 01045	Generate PRD - CXI System	7	100		0.00	0.00		10/01/07A																																																
CXI 01050	COMP: PRD Released - CXI System	0	100		0.00	0.00		10/10/07A																																																
CXI 01055	Prelim Design - CXI Instrument	40	100		0.00	0.00		10/10/07A																																																
CXI 01060	PIDR - Prelim Instrument Design Review - CXI	1	100		0.00	0.00		12/07/07A																																																
CXI 01065	Conceptual Design Approved - CXI System	0	100		0.00	0.00		01/14/08A																																																
CXI 01070	REQD: Diag & Common Optics Ready for CXI FIDR	0	100		0.00	0.00		02/27/09A	◆ REQD: Diag & Common Optics Ready for CXI FIDR																																															
CXI 01075	REQD: Controls and DAQ Ready for CXI FIDR	0	100		0.00	0.00		05/25/09A	◆ REQD: Controls and DAQ Ready for CXI FIDR																																															
CXI 01080	REQD: CXI Components Ready for CXI FIDR	0	0	767	0.00	0.00		05/29/09	◆ REQD: CXI Components Ready for CXI FIDR																																															
CXI 01085	Prep for FIDR - CXI Instrument	10	95	17	0.00	0.00		05/26/09A	▲ Prep for FIDR - CXI Instrument																																															
CXI 01090	FIDR - Final Instrument Design Review - CXI	1	0	17	0.00	0.00		06/03/09	▲ FIDR - Final Instrument Design Review - CXI																																															
CXI 01095	Incorp FIDR Changes - CXI Instrument	10	0	17	0.00	0.00		06/04/09	▲ Incorp FIDR Changes - CXI Instrument																																															
CXI 01110	CXI Physics Support FY07	20	100		0.00	0.00		09/03/07A																																																
CXI 01120	CXI Physics Support FY08-Q1 & Q2	121	100		148,969.00	148,969.00		10/01/07A																																																
CXI 01124	Apr08 through Sep08 Plan Adjustments	21	100		283,122.71	283,122.71		09/01/08A																																																
CXI 01125	CXI Physics Support FY08-Q3 & Q4	131	100		0.00	0.00		04/01/08A																																																
CXI 01130	CXI Physics Support Oct08	249	100		0.00	0.00		10/01/08A																																																
CXI 01135	CXI Physics Support Rem FY09	226	100		226.00	29,569.84		11/03/08A	■ CXI Physics Support Rem FY09																																															
CXI 01137	CXI Physics Support FY09-Q3 & Q4	131*	34	126	226.00	29,569.84		04/01/09A	■ CXI Physics Support FY09-Q3 & Q4																																															
CXI 01140	CXI Physics Support FY10	249	0	126	498.00	67,767.84		10/01/09	■ CXI Physics Support FY10																																															
CXI 01150	CXI Physics Support FY11	249	0	126	498.00	70,476.96		10/01/10	■ CXI Physics Support FY11																																															
CXI 01160	CXI Physics Support FY12	55	0	126	110.00	16,190.90		10/03/11	■ CXI Physics Support FY12																																															
CXI 01180	Engineering Integration & Support FY07	20	100		0.00	0.00		09/03/07A																																																
CXI 01200	Engineering Integration & Support FY08-Q1 & Q2	121	100		148,969.00	148,969.00		10/01/07A																																																

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
CXI 01210	Engineering Integration & Support FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
CXI 01220	Engineering Integration & Support Oct08	249	100		0.00	0.00	10/01/08A	10/31/08A																																																
CXI 01225	Engineering Integration & Support Rem FY09	226	100		575.00	66,291.75	11/03/08A	03/31/09A	██████████ Engineering Integration & Support Rem FY09																																															
CXI 01227	Engineering Integration & Support FY09-Q3 & Q4	131*	33	126	575.00	66,291.75	04/01/09A	09/30/09	██████████ Engineering Integration & Support FY09-Q3 & Q4																																															
CXI 01240	Engineering Integration & Support FY10	249	0	126	747.00	89,572.77	10/01/09	09/30/10	██████████ Engineering Integration & Support FY10																																															
CXI 01260	Engineering Integration & Support FY11	249	0	126	747.00	93,150.90	10/01/10	09/30/11	██████████ Engineering Integration & Support FY11																																															
CXI 01280	Engineering Integration & Support FY12	55	0	126	55.00	7,132.95	10/03/11	12/23/11	██████████ Engineering Integration & Support FY12																																															
CXI 01300	Lab Supplies FY08-Q1 & Q2	121	100		9,385.70	9,385.70	10/01/07A	03/31/08A																																																
CXI 01310	Lab Supplies FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
CXI 01315	Lab Supplies Oct08	249	100		0.00	0.00	10/01/08A	10/31/08A																																																
CXI 01320	Lab Supplies Rem FY09	226	100		4,500.00	4,815.00	11/03/08A	03/31/09A	██████████ Lab Supplies Rem FY09																																															
CXI 01322	Lab Supplies FY09-Q3 & Q4	131*	33	126	4,500.00	4,815.00	04/01/09A	09/30/09	██████████ Lab Supplies FY09-Q3 & Q4																																															
CXI 01340	Lab Supplies FY10	249	0	126	3,996.45	4,356.13	10/01/09	09/30/10	██████████ Lab Supplies FY10																																															
CXI 01360	Lab Supplies FY11	249	0	126	3,996.45	4,476.02	10/01/10	09/30/11	██████████ Lab Supplies FY11																																															
CXI 01380	Lab Supplies FY12	55	0	126	1,500.00	1,710.00	10/03/11	12/23/11	██████████ Lab Supplies FY12																																															
CXI 01400	Vendor Visits FY08-Q1 & Q2	121	100		6,006.43	6,006.43	10/01/07A	03/31/08A																																																
CXI 01410	Vendor Visits FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
CXI 01415	Vendor Visits Oct08	249	100		0.00	0.00	10/01/08A	10/31/08A																																																
CXI 01420	Vendor Visits Rem FY09	249	100		7,500.00	9,000.00	11/03/08A	03/31/09A	██████████ Vendor Visits Rem FY09																																															
CXI 01422	Vendor Visits FY09-Q3 & Q4	131*	33	126	7,500.00	9,000.00	04/01/09A	09/30/09	██████████ Vendor Visits FY09-Q3 & Q4																																															
CXI 01440	Vendor Visits FY10	249	0	126	12,000.00	14,760.00	10/01/09	09/30/10	██████████ Vendor Visits FY10																																															
CXI 01460	Vendor Visits FY11	249	0	126	9,000.00	11,340.00	10/01/10	09/30/11	██████████ Vendor Visits FY11																																															
CXI 01480	Vendor Visits FY12	55	0	126	1,500.00	1,920.00	10/03/11	12/23/11	██████████ Vendor Visits FY12																																															
CXI 05710	FDR - Fnl Dsn Review - Cornell Detector Packagng	1	0	85	0.00	0.00	10/05/09	10/05/09*	██████████ FDR - Fnl Dsn Review - Cornell Detector Packagng																																															
CXI 09775	Radiation Physics Support FY10 - CXI Instrument	249	0	126	657.00	89,404.56	10/01/09	09/30/10	██████████ Radiation Physics Support FY10 - CXI Instrument																																															
CXI 09780	Generate Radiation Physics Doc - CXI Instrument	6	100		80.00	9,845.20	10/01/08A	10/08/08A																																																
CXI 09790	Submit Radiation Physics Doc - CXI Instrument	0	100		0.00	0.00		10/08/08A																																																
CXI 09820	Prep for Radiation Physics Review - CXI Instrum	10	100		100.00	12,462.00	10/09/08A	10/22/08A																																																
CXI 09840	Radiation Physics Review - CXI Instrument	0	100		0.00	0.00		10/22/08A																																																
CXI 30000	CXI Design Support FY07	19	100		0.00	0.00	09/04/07A	09/28/07A																																																
CXI 30010	CXI Design Support FY08-Q1 & Q2	121	100		0.00	0.00	10/01/07A	03/31/08A																																																
CXI 30020	CXI Design Support FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
CXI 30025	CXI Design Support Oct08	249	100		0.00	0.00	10/01/08A	10/31/08A																																																
CXI 30030	CXI Design Support Rem FY09	226	100		432.00	39,575.52	11/03/08A	03/31/09A	█ CXI Design Support Rem FY09																																															
CXI 30032	CXI Design Support FY09-Q3 & Q4	131*	34	126	432.00	39,575.52	04/01/09A	09/30/09	█ CXI Design Support FY09-Q3 & Q4																																															
CXI 30040	CXI Design Support FY10	249	0	126	996.00	94,888.92	10/01/09	09/30/10	█ CXI Design Support FY10																																															
CXI 30050	CXI Design Support FY11	249	0	126	249.00	24,670.92	10/01/10	09/30/11	█ CXI Design Support FY11																																															
CXI 30060	CXI Design Support FY12	55	0	126	124.00	12,778.20	10/03/11	12/23/11	█ CXI Design Support FY12																																															
1.3.02.01 CXI KB System (0.1 micron)																																																								
02 Design / Engineering																																																								
CXI 01500	START: CXI KB System 0.1 um (CXI KB 0.1 Sys)	0	100		0.00	0.00	01/03/08A																																																	
CXI 01510	Identify Potential Vendors - CXI KB 0.1 Sys	30	100		0.00	0.00	01/03/08A	02/13/08A																																																
CXI 01520	Generate PRD - CXI KB 0.1 Sys	30	100		0.00	0.00	01/03/08A	02/13/08A																																																
CXI 01530	Update PRD - CXI KB 0.1 Sys	30	100		0.00	0.00	04/01/08A	06/23/08A																																																
CXI 01540	COMP: PRD Released - CXI KB 0.1 Sys	0	100		0.00	0.00		06/23/08A																																																
CXI 01541	Apr08 through Sep08 Plan Adjustment	21	100		2,158.82	2,158.82	09/01/08A	09/30/08A																																																
CXI 01560	Generate Initial ESD - CXI KB 0.1 Sys	20	100		75.00	8,491.00	11/03/08A	11/12/08A																																																
CXI 01580	COMP: ESD Released - CXI KB 0.1 Sys	0	100		0.00	0.00		11/26/08A	◆ COMP: ESD Released - CXI KB 0.1 Sys																																															
CXI 01590	Generate Purchase Spec - CXI KB 0.1 Sys	12	100		40.00	4,611.60	12/01/08A	01/05/09A	█ Generate Purchase Spec - CXI KB 0.1 Sys																																															
CXI 01600	Update ESD - CXI KB 0.1 Sys	30	0	627	38.00	4,472.21	11/02/09	12/15/09	█ Update ESD - CXI KB 0.1 Sys																																															
CXI 01743	Prep for Seismic Review - CXI KB 0.1 Sys	5	0	534	24.00	2,877.84	02/19/10	02/25/10	█ Prep for Seismic Review - CXI KB 0.1 Sys																																															
CXI 01746	Seismic Peer Review - CXI KB 0.1 Sys	20	0	534	20.00	2,398.20	02/26/10	03/25/10	█ Seismic Peer Review - CXI KB 0.1 Sys																																															
CXI 01749	Seismic Review Approval - CXI KB 0.1 Sys	1	0	534	4.00	479.64	03/26/10	03/26/10	█ Seismic Review Approval - CXI KB 0.1 Sys																																															
CXI 01752	COMP: Committee Approval - CXI KB 0.1 Sys	0	0	534	0.00	0.00		05/07/10	◆ COMP: Committee Approval - CXI KB 0.1 Sys																																															
04 Subcontract																																																								
CXI 01890	AWARD: CXI KB 0.1 System	1	0	95	905,000.00	968,350.00	06/30/09	06/30/09	█ AWARD: CXI KB 0.1 System																																															
CXI 01900	Vendor Fab - CXI KB 0.1 System	340	0	95	905,000.00	990,682.21	07/01/09	11/04/10	█ Vendor Fab - CXI KB 0.1 System																																															
CXI 01905	PDR - Vendor Design Review - CXI KB 0.1 System	1	0	95	0.00	0.00	10/30/09	10/30/09	█ PDR - Vendor Design Review - CXI KB 0.1 System																																															
CXI 01910	FDR - Vendor Design Review - CXI KB 0.1 System	1	0	122	0.00	0.00	02/18/10	02/18/10	█ FDR - Vendor Design Review - CXI KB 0.1 System																																															
CXI 01912	RCV: CXI KB 0.1 System	0	0	103	0.00	0.00		11/04/10	◆ RCV: CXI KB 0.1 System																																															
CXI 01914	Prep Bid Pkg & App - Metrology CXI KB 0.1 Sys	30	0	122	0.00	0.00	02/19/10	04/01/10	█ Prep Bid Pkg & App - Metrology CXI KB 0.1 Sys																																															
CXI 01916	RELEASE: RFP - Metrology CXI KB 0.1 Sys	0	0	212	0.00	0.00		04/01/10	◆ RELEASE: RFP - Metrology CXI KB 0.1 Sys																																															
CXI 01918	Vendor Proposal Effort Metrology CXI KB 0.1 Sys	20	0	212	0.00	0.00	04/02/10	04/29/10	█ Vendor Proposal Effort Metrology CXI KB 0.1 Sys																																															
CXI 01920	RCV: Vendor Proposals - Metrology CXI KB 0.1 Sys	0	0	212	0.00	0.00		04/29/10	◆ RCV: Vendor Proposals - Metrology CXI KB 0.1 Sys																																															
CXI 01922	Eval & Selection Proces-Metrology CXI KB 0.1 Sys	15	0	212	0.00	0.00	04/30/10	05/20/10	█ Eval & Selection Proces-Metrology CXI KB 0.1 Sys																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D J F M A M J J A S O N D J J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J											
CXI 01924	Vendor Selection - Metrology CXI KB 0.1 Sys	0	0	212	0.00	0.00		05/20/10																									◆ Vendor Selection - Metrology CXI KB 0.1 Sys																							
CXI 01926	SLAC Approval Process - Metrology CXI KB 0.1 Sys	5	0	212	0.00	0.00	05/21/10	05/27/10																									▲ SLAC Approval Process - Metrology CXI KB 0.1 Sys																							
CXI 01928	DOE Approval Process - Metrology CXI KB 0.1 Sys	5	0	212	0.00	0.00	05/28/10	06/03/10																									▲ DOE Approval Process - Metrology CXI KB 0.1 Sys																							
CXI 01930	AWARD: CXI KB 0.1 System - Mirror Metrology	1	0	212	58,000.00	63,220.00	06/04/10	06/04/10																									✗ AWARD: CXI KB 0.1 System - Mirror Metrology																							
CXI 02005	Prep Bid Pkg & App - Coating CXI KB 0.1 Sys	30	0	122	0.00	0.00	04/02/10	05/13/10																									▲▲ Prep Bid Pkg & App - Coating CXI KB 0.1 Sys																							
CXI 02010	RELEASE: RFP - Coating CXI KB 0.1 Sys	0	0	122	0.00	0.00		05/13/10																									◆ RELEASE: RFP - Coating CXI KB 0.1 Sys																							
CXI 02015	Vendor Proposal Effort - Coating CXI KB 0.1 Sys	20	0	122	0.00	0.00	05/14/10	06/10/10																									▲▲ Vendor Proposal Effort - Coating CXI KB 0.1 Sys																							
CXI 02020	RCV: Vendor Proposals - Coating CXI KB 0.1 Sys	0	0	122	0.00	0.00		06/10/10																									◆ RCV: Vendor Proposals - Coating CXI KB 0.1 Sys																							
CXI 02025	Evaluation/Selection - Coating CXI KB 0.1 Sys	15	0	122	0.00	0.00	06/11/10	07/01/10																									▲▲ Evaluation/Selection - Coating CXI KB 0.1 Sys																							
CXI 02030	Vendor Selection - Coating CXI KB 0.1 Sys	0	0	122	0.00	0.00		07/01/10																									◆ Vendor Selection - Coating CXI KB 0.1 Sys																							
CXI 02035	SLAC Approval Process - Coating CXI KB 0.1 Sys	5	0	122	0.00	0.00	07/02/10	07/08/10																									▲ SLAC Approval Process - Coating CXI KB 0.1 Sys																							
CXI 02040	DOE Approval Process - Coating CXI KB 0.1 Sys	5	0	122	0.00	0.00	07/09/10	07/15/10																									▲ DOE Approval Process - Coating CXI KB 0.1 Sys																							
CXI 02045	AWARD: Coating CXI KB 0.1 System	1	0	122	80,000.00	87,200.00	07/16/10	07/16/10																									✗ AWARD: Coating CXI KB 0.1 System																							
CXI 02050	Vendor Effort - Coating Prep CXI KB 0.1 Sys	60	0	122	30,000.00	33,600.00	07/19/10	10/08/10																									▲▲ Vendor Effort - Coating Prep CXI KB 0.1 Sys																							
CXI 02055	Vendor Effort - Coating CXI KB 0.1 Sys	30	0	103	50,000.00	56,000.00	11/05/10	01/03/11																									▲▲ Vendor Effort - Coating CXI KB 0.1 Sys																							
CXI 02060	RCV: Mirror Coating Vendor - CXI KB 0.1 Sys	0	0	103	0.00	0.00		01/03/11																									◆ RCV: Mirror Coating Vendor - CXI KB 0.1 Sys																							
CXI 02100	Vendor Effort - Metrology CXI KB 0.1 Sys	40	0	103	58,000.00	64,960.00	11/05/10	01/17/11																									▲▲ Vendor Effort - Metrology CXI KB 0.1 Sys																							
CXI 02105	RCV: Mirror Metrology Vendor - CXI KB 0.1 Sys	0	0	103	0.00	0.00		01/17/11																									◆ RCV: Mirror Metrology Vendor - CXI KB 0.1 Sys																							
05 Fab / Assembly																																																								
CXI 02110	Assemble by Vendor CXI KB 0.1 Sys	10	0	103	0.00	0.00	01/18/11	01/31/11																									▲▲ Assemble by Vendor CXI KB 0.1 Sys																							
CXI 02120	Functional Test - CXI KB 0.1 Sys	5	0	103	24.00	2,510.64	02/01/11	02/07/11																									▲ Functional Test - CXI KB 0.1 Sys																							
CXI 02175	Vacuum Leak Check-Mirror Chamber CXI KB 0.1 Sys	2	0	103	24.00	2,510.64	02/08/11	02/09/11																									✗ Vacuum Leak Check-Mirror Chamber CXI KB 0.1 Sys																							
CXI 02295	Pre-Survey - CXI KB 0.1 Sys	3	0	103	32.00	2,868.48	02/10/11	02/14/11																									▲ Pre-Survey - CXI KB 0.1 Sys																							
CXI 02300	Connect Electrical & Controls - CXI KB 0.1 Sys	6	0	103	60.00	4,855.80	02/15/11	02/22/11																									▲ Connect Electrical & Controls - CXI KB 0.1 Sys																							
06 Testing																																																								
CXI 02310	REQD: KB Mirror System Controls HW & SW	0	0	103	0.00	0.00		02/22/11																									◆ REQD: KB Mirror System Controls HW & SW																							
CXI 02320	Final Test - CXI KB 0.1 Sys	4	0	103	56.00	4,437.36	02/23/11	02/28/11																									▲ Final Test - CXI KB 0.1 Sys																							
CXI 02340	AVAIL: Ready For Installation CXI KB 0.1 Sys	0	0	103	0.00	0.00		02/28/11																									◆ AVAIL: Ready For Installation CXI KB 0.1 Sys																							
1.3.02.02 CXI KB System (1 micron)																																																								
02 Design / Engineering																																																								
CXI 02360	START: KB System 1 um (CXI KB 1 Sys)	0	100		0.00	0.00	01/03/08A																																																	
CXI 02370	Identify Potential Vendors - CXI KB 1 Sys	30	100		0.00	0.00	01/03/08A	02/13/08A																																																
CXI 02380	Generate PRD - CXI KB 1 Sys	30	100		0.00	0.00	01/03/08A	02/13/08A																																																

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
CXI 02390	Update PRD - CXI KB 1 Sys	30	100		0.00	0.00	04/01/08A	06/23/08A																																																
CXI 02400	COMP: PRD Released - CXI KB 1 Sys	0	100		0.00	0.00		06/23/08A																																																
CXI 02420	Generate Initial ESD - CXI KB 1 Sys	40	100		0.00	0.00	06/16/08A	10/17/08A																																																
CXI 02440	COMP: ESD Released - CXI KB 1 Sys	0	100		0.00	0.00		10/17/08A																																																
CXI 02441	Apr08 through Sep08 Plan Adjustment	21	100		8,069.97	8,069.97	09/01/08A	09/30/08A																																																
CXI 02450	Generate Purchase Spec (0-25%) - CXI KB 1 Sys	10	100		0.00	0.00	09/01/08A	10/31/08A																																																
CXI 02452	Generate Rem. Purchase Spec - CXI KB 1 Sys	20	100		30.00	3,458.70	11/03/08A	11/26/08A	Generate Rem. Purchase Spec - CXI KB 1 Sys																																															
CXI 02460	Update ESD - CXI KB 1 Sys	30	100		38.00	4,300.03	11/03/08A	11/12/08A																																																
CXI 02470	Prepare for Specification Review - CXI KB 1 Sys	20	100		0.00	0.00	09/08/08A	10/07/08A																																																
CXI 02480	Conduct Specifications Review - CXI KB 1 Sys	1	100		0.00	0.00	10/08/08A	10/08/08A																																																
CXI 02490	Preliminary Design- Thermal Encl - CXI KB 1 Sys	15	0	160	200.00	21,025.20	10/29/09	11/18/09	Preliminary Design- Thermal Encl - CXI KB 1 Sys																																															
CXI 02492	Prelim Engr Analysis - Thermal Encl - CXI KB 1 S	15	0	160	40.00	4,796.40	11/19/09	12/11/09	Prelim Engr Analysis - Thermal Encl - CXI KB 1 S																																															
CXI 02498	Final Design - Thermal Encl - CXI KB 1 Sys	5	0	160	64.00	6,688.64	12/14/09	12/18/09	Final Design - Thermal Encl - CXI KB 1 Sys																																															
CXI 02500	Final Engr Analysis - Thermal Encl - CXI KB 1 Sy	5	0	160	24.00	2,877.84	01/04/10	01/08/10	Final Engr Analysis - Thermal Encl - CXI KB 1 Sy																																															
CXI 02502	Generate Detail Drawings - Thermal Encl - CXI KB	15	0	160	80.00	7,621.60	01/11/10	01/29/10	Generate Detail Drawings - Thermal Encl - CXI KB																																															
CXI 02504	Prep for FDR - Thermal Encl - CXI KB 1 Sys	6	0	160	50.00	5,735.90	02/01/10	02/08/10	Prep for FDR - Thermal Encl - CXI KB 1 Sys																																															
CXI 02506	FDR - Final Design Review - Thermal Encl - CXI K	1	0	160	8.00	933.32	02/09/10	02/09/10	FDR - Final Design Review - Thermal Encl - CXI K																																															
CXI 02508	Incorp FDR Changes - Thermal Encl - CXI KB 1 Sys	5	0	160	16.00	1,524.32	02/10/10	02/16/10	Incorp FDR Changes - Thermal Encl - CXI KB 1 Sys																																															
03 Procurement																																																								
CXI 02900	Prep Bid Pkg & App - Thermal Encl - CXI KB 1 Sys	30	0	160	0.00	0.00	02/17/10	03/30/10	Prep Bid Pkg & App - Thermal Encl - CXI KB 1 Sys																																															
CXI 02910	AWARD: PO - Thermal Enclosure - CXI KB 1 Sys	1	0	160	35,000.00	38,150.00	03/31/10	03/31/10	AWARD: PO - Thermal Enclosure - CXI KB 1 Sys																																															
CXI 02920	Vendor Fab - Thermal Encl - CXI KB 1 Sys	80	0	160	35,000.00	38,150.00	04/01/10	07/21/10	Vendor Fab - Thermal Encl - CXI KB 1 Sys																																															
CXI 02930	RCV: Thermal Enclosure - CXI KB 1 Sys	0	0	160	0.00	0.00		07/21/10	RCV: Thermal Enclosure - CXI KB 1 Sys																																															
04 Subcontract																																																								
CXI 02700	Prepare Prequal Criteria - CXI KB 1 Sys	5	100		16.00	1,844.64	12/01/08A	12/03/08A	Prepare Prequal Criteria - CXI KB 1 Sys																																															
CXI 02702	RELEASE: Prequal Criteria - CXI KB 1 Sys	0	100		0.00	0.00		12/03/08A	RELEASE: Prequal Criteria - CXI KB 1 Sys																																															
CXI 02704	Vendor Proposal Effort - CXI KB 1 Sys	15	100		0.00	0.00	12/05/08A	01/05/09A	Vendor Proposal Effort - CXI KB 1 Sys																																															
CXI 02706	Eval of Vendor Proposal Efforts - CXI KB 1 Sys	8	100		16.00	1,844.64	01/05/09A	01/06/09A	Eval of Vendor Proposal Efforts - CXI KB 1 Sys																																															
CXI 02708	Vendor Clarification of Proposal - CXI KB 1 Sys	8	100		0.00	0.00	01/05/09A	01/06/09A	Vendor Clarification of Proposal - CXI KB 1 Sys																																															
CXI 02710	Eval of Vendor Clarification - CXI KB 1 Sys	8	100		16.00	1,844.64	01/05/09A	01/06/09A	Eval of Vendor Clarification - CXI KB 1 Sys																																															
CXI 02720	Prep Bid Pkg & App - CXI KB Systems	30	100		0.00	0.00	12/17/08A	01/20/09A	Prep Bid Pkg & App - CXI KB Systems																																															
CXI 02722	RELEASE: RFP - CXI KB Systems	0	100		0.00	0.00		01/20/09A	RELEASE: RFP - CXI KB Systems																																															
CXI 02724	Vendor Proposal Effort - CXI KB Systems	51*	100		0.00	0.00	01/20/09A	03/24/09A	Vendor Proposal Effort - CXI KB Systems																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J											
CXI 02726	RCV: Vendor Proposals - CXI KB Systems	0	100		0.00	0.00		03/24/09A	◆ RCV: Vendor Proposals - CXI KB Systems																																															
CXI 02730	Eval & Selection Process - CXI KB Systems	9	100		0.00	0.00	03/25/09A	04/29/09A	█ Eval & Selection Process - CXI KB Systems																																															
CXI 02732	Vendor Selection - CXI KB Systems	0	100		0.00	0.00		04/29/09A	◆ Vendor Selection - CXI KB Systems																																															
CXI 02734	SLAC Approval Process - CXI KB Systems	10	85	-17	0.00	0.00	04/29/09A	06/08/09	█ SLAC Approval Process - CXI KB Systems																																															
CXI 02736	DOE Approval Process - CXI KB Systems	15	0	-17	0.00	0.00	06/09/09	06/29/09	█ DOE Approval Process - CXI KB Systems																																															
CXI 02740	AWARD: CXI KB 1 System - Long Lead	1	0	-17	905,000.00	968,350.00	06/29/09	06/29/09	█ AWARD: CXI KB 1 System - Long Lead																																															
CXI 02760	Vendor Effort - Long Lead CXI KB 1 Sys	340	0	-17	905,000.00	1,005,614.71	06/30/09	11/03/10	█ Vendor Effort - Long Lead CXI KB 1 Sys																																															
CXI 02770	PDR - Vendor Design Review CXI KB 1 Sys	1	0	3	0.00	0.00	10/28/09	10/28/09	█ PDR - Vendor Design Review CXI KB 1 Sys																																															
CXI 02775	FDR - Vendor Design Review CXI KB 1 Sys	1	0	3	0.00	0.00	02/16/10	02/16/10	█ FDR - Vendor Design Review CXI KB 1 Sys																																															
CXI 02780	RCV: Long Lead CXI KB 1 Sys	0	0	-17	0.00	0.00		11/03/10	◆ RCV: Long Lead CXI KB 1 Sys																																															
CXI 02800	Prep Bid Pkg & App - Metrology CXI KB 1 Sys	30	0	3	0.00	0.00	02/17/10	03/30/10	█ Prep Bid Pkg & App - Metrology CXI KB 1 Sys																																															
CXI 02805	RELEASE: RFP - Metrology CXI KB 1 Sys	0	0	93	0.00	0.00		03/30/10	◆ RELEASE: RFP - Metrology CXI KB 1 Sys																																															
CXI 02810	Vendor Proposal Effort - Metrology CXI KB 1 Sys	20	0	93	0.00	0.00	03/31/10	04/27/10	█ Vendor Proposal Effort - Metrology CXI KB 1 Sys																																															
CXI 02815	RCV: Vendor Proposals - Metrology CXI KB 1 Sys	0	0	93	0.00	0.00		04/27/10	◆ RCV: Vendor Proposals - Metrology CXI KB 1 Sys																																															
CXI 02820	Eval & Selection Process - Metrology CXI KB1 Sys	15	0	93	0.00	0.00	04/28/10	05/18/10	█ Eval & Selection Process - Metrology CXI KB1 Sys																																															
CXI 02825	Vendor Selection - Metrology CXI KB 1 Sys	0	0	93	0.00	0.00		05/18/10	◆ Vendor Selection - Metrology CXI KB 1 Sys																																															
CXI 02830	SLAC Approval Process - Metrology CXI KB 1 Sys	5	0	93	0.00	0.00	05/19/10	05/25/10	█ SLAC Approval Process - Metrology CXI KB 1 Sys																																															
CXI 02835	DOE Approval Process - Metrology CXI KB 1 Sys	5	0	93	0.00	0.00	05/26/10	06/01/10	█ DOE Approval Process - Metrology CXI KB 1 Sys																																															
CXI 02850	AWARD: CXI KB 1 System - Mirror Metrology	1	0	93	58,000.00	63,220.00	06/02/10	06/02/10	█ AWARD: CXI KB 1 System - Mirror Metrology																																															
CXI 02855	Vendor Effort - Metrology CXI KB 1 Sys	40	0	-17	58,000.00	64,960.00	11/04/10	01/14/11	█ Vendor Effort - Metrology CXI KB 1 Sys																																															
CXI 02857	RCV: Mirror Metrology Vendor - CXI KB 1 Sys	0	0	-17	0.00	0.00		01/14/11	◆ RCV: Mirror Metrology Vendor - CXI KB 1 Sys																																															
CXI 02950	Prep Bid Pkg & App - Coating CXI KB 1 Sys	30	0	3	0.00	0.00	03/31/10	05/11/10	█ Prep Bid Pkg & App - Coating CXI KB 1 Sys																																															
CXI 02955	RELEASE: RFP - Coating CXI KB 1 Sys	0	0	3	0.00	0.00		05/11/10	◆ RELEASE: RFP - Coating CXI KB 1 Sys																																															
CXI 02960	Vendor Proposal Effort - Coating CXI KB 1 Sys	20	0	3	0.00	0.00	05/12/10	06/08/10	█ Vendor Proposal Effort - Coating CXI KB 1 Sys																																															
CXI 02965	RCV: Vendor Proposals - Coating CXI KB 1 Sys	0	0	3	0.00	0.00		06/08/10	◆ RCV: Vendor Proposals - Coating CXI KB 1 Sys																																															
CXI 02970	Evaluation/Selection - Coating CXI KB1 Sys	15	0	3	0.00	0.00	06/09/10	06/29/10	█ Evaluation/Selection - Coating CXI KB1 Sys																																															
CXI 02975	Vendor Selection - Coating CXI KB 1 Sys	0	0	3	0.00	0.00		06/29/10	◆ Vendor Selection - Coating CXI KB 1 Sys																																															
CXI 02980	SLAC Approval Process - Coating CXI KB 1 Sys	5	0	3	0.00	0.00	06/30/10	07/06/10	█ SLAC Approval Process - Coating CXI KB 1 Sys																																															
CXI 02985	DOE Approval Process - Coating CXI KB 1 Sys	5	0	3	0.00	0.00	07/07/10	07/13/10	█ DOE Approval Process - Coating CXI KB 1 Sys																																															
CXI 02990	AWARD: CXI KB 1 System Coating	1	0	3	80,000.00	87,200.00	07/14/10	07/14/10	█ AWARD: CXI KB 1 System Coating																																															
CXI 02992	Vendor Effort - Coating Prep CXI KB 1 Sys	60	0	3	30,000.00	33,300.00	07/15/10	10/06/10	█ Vendor Effort - Coating Prep CXI KB 1 Sys																																															
CXI 02995	Vendor Effort - Coating CXI KB 1 Sys	30	0	-17	50,000.00	56,000.00	11/04/10	12/17/10	█ Vendor Effort - Coating CXI KB 1 Sys																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
CXI 03000	RCV: Mirror Coating Vendor - CXI KB 1 Sys	0	0	-17	0.00	0.00		12/17/10	◆ RCV: Mirror Coating Vendor - CXI KB 1 Sys																																															
05 Fab / Assembly																																																								
CXI 02860	Assemble by Vendor CXI KB 1 Sys	10	0	-17	0.00	0.00	01/17/11	01/28/11	▲ Assemble by Vendor CXI KB 1 Sys																																															
CXI 02865	Functional Test - CXI KB 1 Sys	5	0	-17	24.00	2,510.64	01/31/11	02/04/11	▲ Functional Test - CXI KB 1 Sys																																															
CXI 03130	Inspect All Parts - Thermal Encl CXI KB 1 Sys	5	0	160	36.00	3,621.24	07/22/10	07/28/10	▲ Inspect All Parts - Thermal Encl CXI KB 1 Sys																																															
CXI 03150	Vacuum Process - CXI KB 1 Sys	2	0	-14	16.00	1,673.76	02/07/11	02/08/11	▲ Vacuum Process - CXI KB 1 Sys																																															
CXI 03155	Pre-Survey - CXI KB 1 Sys	5	0	-17	32.00	2,868.48	02/07/11	02/11/11	▲ Pre-Survey - CXI KB 1 Sys																																															
CXI 03160	Connect Electrical & Controls - CXI KB 1 Sys	6	0	-17	60.00	4,855.80	02/14/11	02/21/11	▲ Connect Electrical & Controls - CXI KB 1 Sys																																															
06 Testing																																																								
CXI 03170	REQD: KB Mirror System Controls HW & SW	0	0	-17	0.00	0.00		02/21/11	◆ REQD: KB Mirror System Controls HW & SW																																															
CXI 03180	Final Test - CXI KB 1 Sys	4	0	-17	56.00	4,437.36	02/22/11	02/25/11	▲ Final Test - CXI KB 1 Sys																																															
CXI 03200	AVAIL: Ready For Installation CXI KB 1 Sys	0	0	-17	0.00	0.00		02/25/11	◆ AVAIL: Ready For Installation CXI KB 1 Sys																																															
1.3.03.01 CXI Reference laser																																																								
02 Design / Engineering																																																								
CXI 03220	START: Reference Laser (CXI Ref Laser)	0	100		0.00	0.00	04/01/08A																																																	
CXI 03240	Generate PRD - CXI Ref Laser	6	100		0.00	0.00	04/01/08A	06/23/08A																																																
CXI 03260	COMP: PRD Released - CXI Ref Laser	0	100		0.00	0.00		06/23/08A																																																
CXI 03280	Generate ESD (0-80%) - CXI Ref Laser	120	100		0.00	0.00	04/01/08A	10/31/08A																																																
CXI 03282	Generate ESD (81-100%) - CXI Ref Laser	10	100		30.00	3,458.70	11/03/08A	11/14/08A																																																
CXI 03285	COMP: ESD Released - CXI Ref Laser	0	100		0.00	0.00		11/26/08A	COMP: ESD Released - CXI Ref Laser																																															
CXI 03286	Apr08 through Sep08 Plan Adjustment	21	100		14,602.51	14,602.51	09/01/08A	09/30/08A																																																
CXI 03320	Prelim Design (0-60%) - CXI Ref Laser	132	100		0.00	0.00	04/01/08A	10/31/08A																																																
CXI 03322	Prelim Design (61-100%) - CXI Ref Laser	25*	100		60.00	6,543.60	01/26/09A	02/23/09A	▲ Prelim Design (61-100%) - CXI Ref Laser																																															
CXI 03330	Prelim Engr Analysis - CXI Ref Laser	4	100		40.00	4,611.60	02/09/09A	02/20/09A	▲ Prelim Engr Analysis - CXI Ref Laser																																															
CXI 03360	Controls Interface & Integ - CXI Ref Laser	13	100		12.00	1,400.04	02/12/09A	02/16/09A	▲ Controls Interface & Integ - CXI Ref Laser																																															
CXI 03380	Prep for PDR - CXI Ref Laser	5	100		50.00	5,515.30	02/23/09A	02/27/09A	▲ Prep for PDR - CXI Ref Laser																																															
CXI 03400	PDR - Prelim Design Review - CXI Ref Laser	1	100		8.00	897.40	03/03/09A	03/03/09A	▲ PDR - Prelim Design Review - CXI Ref Laser																																															
CXI 03440	Final Design - CXI Ref Laser	22	75	205	40.00	4,362.40	05/26/09A	06/03/09	▲ Final Design - CXI Ref Laser																																															
CXI 03445	Final Engr Analysis - CXI Ref Laser	10	0	205	16.00	1,844.64	06/04/09	06/17/09	▲ Final Engr Analysis - CXI Ref Laser																																															
CXI 03480	Generate Assy & Detail Dwgs - CXI Ref Laser	12	0	205	80.00	8,724.80	06/18/09	07/03/09	▲ Generate Assy & Detail Dwgs - CXI Ref Laser																																															
CXI 03500	Prep for FDR - CXI Ref Laser	5	0	205	50.00	5,515.30	07/06/09	07/10/09	▲ Prep for FDR - CXI Ref Laser																																															
CXI 03520	FDR - Final Design Review - CXI Ref Laser	1	0	205	8.00	897.40	07/10/09	07/10/09	▲ FDR - Final Design Review - CXI Ref Laser																																															
CXI 03540	Incorp FDR Changes - CXI Ref Laser	12	0	205	10.00	1,090.60	07/13/09	07/28/09	▲ Incorp FDR Changes - CXI Ref Laser																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
CXI 03560	Check & Approve Dwgs - CXI Ref Laser	3	0	205	40.00	4,250.20	07/29/09	07/31/09													X Check & Approve Dwgs - CXI Ref Laser																																			
CXI 03570	Generate Mfg Docs - CXI Ref Laser	20	0	221	40.00	4,611.60	08/03/09	08/28/09													X Generate Mfg Docs - CXI Ref Laser																																			
03 Procurement																																																								
CXI 04060	Prep Bid Pkg & App - All Parts CXI Ref Laser	30	0	205	0.00	0.00	08/03/09	09/11/09													X Prep Bid Pkg & App - All Parts CXI Ref Laser																																			
CXI 04080	AWARD: PO - All Parts CXI Ref Laser	1	0	170	21,473.00	23,405.57	11/02/09	11/02/09													X AWARD: PO - All Parts CXI Ref Laser																																			
CXI 04100	Vendor Procurement All Parts CXI Ref Laser	40	0	170	21,473.20	23,405.79	11/03/09	01/13/10													X Vendor Procurement All Parts CXI Ref Laser																																			
CXI 04120	RCV: All Parts CXI Ref Laser	0	0	170	0.00	0.00		01/13/10													◇ RCV: All Parts CXI Ref Laser																																			
05 Fab / Assembly																																																								
CXI 04160	Inspect Procured Parts - Misc CXI Ref Laser	5	0	170	23.00	2,407.30	01/14/10	01/20/10													X Inspect Procured Parts - Misc CXI Ref Laser																																			
CXI 04165	Submit Shop Orders - CXI Ref Laser	1	0	221	8.00	922.32	08/31/09	08/31/09													X Submit Shop Orders - CXI Ref Laser																																			
CXI 04170	Process MFD Input - CXI Ref Laser	10	0	221	40.00	4,767.20	09/01/09	09/14/09													X Process MFD Input - CXI Ref Laser																																			
CXI 04180	Machining Processes - CXI Ref Laser	20	0	221	80.00	9,687.04	09/15/09	10/12/09													X Machining Processes - CXI Ref Laser																																			
CXI 04190	Welding - CXI Ref Laser	6	0	221	24.00	2,974.80	10/13/09	10/20/09													X Welding - CXI Ref Laser																																			
CXI 04240	RCV: CXI Ref Laser	0	0	221	0.00	0.00		10/20/09													◇ RCV: CXI Ref Laser																																			
CXI 04250	Inspect Fab Parts - CXI Ref Laser	3	0	221	16.00	1,609.44	10/21/09	10/23/09													X Inspect Fab Parts - CXI Ref Laser																																			
CXI 04260	Clean - CXI Ref Laser	6	0	170	24.00	4,765.68	01/21/10	01/28/10													X Clean - CXI Ref Laser																																			
CXI 04280	Assemble Parts - CXI Ref Laser	10	0	170	24.00	2,414.16	01/29/10	02/11/10													X Assemble Parts - CXI Ref Laser																																			
CXI 04300	Vacuum Process - CXI Ref Laser	2	0	170	8.00	804.72	02/12/10	02/15/10													X Vacuum Process - CXI Ref Laser																																			
CXI 04310	Pre-Survey - CXI Ref Laser	3	0	170	32.00	2,758.40	02/16/10	02/18/10													X Pre-Survey - CXI Ref Laser																																			
06 Testing																																																								
CXI 04315	REQD: Reference Laser Controls HW & SW	0	0	96	0.00	0.00		06/02/10																									◇ REQD: Reference Laser Controls HW & SW																							
CXI 04320	Final Test - CXI Ref Laser	4	0	96	16.00	1,199.64	06/03/10	06/08/10													X Final Test - CXI Ref Laser																																			
CXI 04340	AVAIL: Ready For Install CXI Ref Laser	0	0	96	0.00	0.00		06/08/10													◇ AVAIL: Ready For Install CXI Ref Laser																																			
1.3.04.01 Coherent Imaging Injector System																																																								
02 Design / Engineering																																																								
CXI 40000	START: CXI Injector	0	100		0.00	0.00	07/01/08A																																																	
CXI 40005	Engineering Support FY08- Q4	66	100		0.00	0.00	07/01/08A	09/30/08A																																																
CXI 40006	Apr08 through Sep08 Plan Adjustment	21	100		4,210.33	4,210.33	09/01/08A	09/30/08A																																																
CXI 40008	Engineering Support Oct08	118*	100		0.00	0.00	10/01/08A	10/31/08A																																																
CXI 40010	Engineering Support Rem FY09- Q1 & Q2	77	100		213.00	24,556.77	12/01/08A	03/31/09A													█ Engineering Support Rem FY09- Q1 & Q2																																			
CXI 40015	Physics Support FY08-Q4	66	100		0.00	0.00	07/01/08A	09/30/08A																																																
CXI 40017	Physics Support Rem FY09	249	100		0.00	0.00	10/01/08A	10/31/08A																																																
CXI 40020	Physics Support OCT08	208	100		230.00	30,093.20	12/01/08A	03/31/09A													█ Physics Support OCT08																																			
CXI 40022	Physics Support FY09 - Q3 & Q4	131*	33	126	230.00	30,093.20	04/01/09A	09/30/09													█ Physics Support FY09 - Q3 & Q4																																			

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
CXI 40025	Physics Support FY10	249	0	126	498.00	67,767.84	10/01/09	09/30/10													Physics Support FY10																																			
CXI 40030	Generate PRD (0-10%) - CXI Injector	89	100		0.00	0.00	08/01/08A	10/31/08A																																																
CXI 40032	Generate PRD (11-100%) - CXI Injector	33	100		0.00	0.00	11/03/08A	01/05/09A	Generate PRD (11-100%) - CXI Injector																																															
CXI 40035	Physics Support FY11	249	0	126	498.00	70,476.96	10/01/10	09/30/11													Physics Support FY11																																			
CXI 40040	Physics Support FY12- Q1 & Q2	55	0	126	110.00	16,190.90	10/03/11	12/23/11													Physics Support FY12- Q1 & Q2																																			
CXI 40050	COMP: PRD Released - CXI Injector	0	100		0.00	0.00		01/05/09A	COMP: PRD Released - CXI Injector																																															
CXI 40070	Generate ESD - CXI Injector	60	100		120.00	13,336.40	02/02/09A	03/23/09A	Generate ESD - CXI Injector																																															
CXI 40090	COMP: ESD Released - CXI Injector	0	100		0.00	0.00		03/23/09A	COMP: ESD Released - CXI Injector																																															
CXI 40110	Prelim Design - CXI Injector	135	15	34	860.00	93,902.70	04/01/09A	10/06/09	Prelim Design - CXI Injector																																															
CXI 40130	Prelim Engr Analysis - CXI Injector	40	10	107	80.00	9,223.20	05/26/09A	06/25/09	Prelim Engr Analysis - CXI Injector																																															
CXI 40150	Controls Interface & Integ - CXI Injector	200	0	105	120.00	14,313.55	06/01/09	03/23/10	Controls Interface & Integ - CXI Injector																																															
CXI 40170	Prep for PDR - CXI Injector	5	0	34	50.00	5,735.90	10/07/09	10/13/09	Prep for PDR - CXI Injector																																															
CXI 40190	PDR - Prelim Design Review - CXI Injector	1	0	34	8.00	933.32	10/14/09	10/14/09	PDR - Prelim Design Review - CXI Injector																																															
CXI 40210	Final Design - CXI Injector	50	0	66	300.00	34,026.00	10/15/09	01/08/10	Final Design - CXI Injector																																															
CXI 40230	Final Engr Analysis - CXI Injector	20	0	66	40.00	4,796.40	11/30/09	01/08/10	Final Engr Analysis - CXI Injector																																															
CXI 40250	Generate Assy & Detail Dwgs - CXI Injector	25	0	66	200.00	22,684.00	01/11/10	02/12/10	Generate Assy & Detail Dwgs - CXI Injector																																															
CXI 40270	Prep for FDR - CXI Injector	5	0	66	50.00	5,735.90	02/15/10	02/19/10	Prep for FDR - CXI Injector																																															
CXI 40290	FDR - Final Design Review - CXI Injector	1	0	66	8.00	933.32	02/19/10	02/19/10	FDR - Final Design Review - CXI Injector																																															
CXI 40310	Incorp FDR Changes - CXI Injector	20	0	105	120.00	13,610.40	02/24/10	03/23/10	Incorp FDR Changes - CXI Injector																																															
CXI 40330	Check & Approve Dwgs - CXI Injector	10	0	105	160.00	17,680.80	03/24/10	04/06/10	Check & Approve Dwgs - CXI Injector																																															
CXI 40350	Generate Mfg Docs - CXI Injector	20	0	110	80.00	9,592.80	04/07/10	05/04/10	Generate Mfg Docs - CXI Injector																																															
CXI 41000	START: CXI LLNL Injector MOU	0	100		0.00	0.00	04/01/09A		START: CXI LLNL Injector MOU																																															
CXI 41010	CXI LLNL MOU Technical Addendum FY09	131*	33	126	150,000.00	160,500.00	04/01/09A	09/30/09	CXI LLNL MOU Technical Addendum FY09																																															
CXI 41020	CXI LLNL MOU Technical Addendum FY10	249	0	126	150,000.09	163,500.10	10/01/09	09/30/10	CXI LLNL MOU Technical Addendum FY10																																															
CXI 41030	CXI LLNL MOU Technical Addendum FY11	249	0	126	150,000.09	168,000.10	10/01/10	09/30/11	CXI LLNL MOU Technical Addendum FY11																																															
CXI 41040	CXI LLNL MOU Technical Addendum FY12- Q1 & Q2	55	0	126	49,999.95	56,999.94	10/03/11	12/23/11	CXI LLNL MOU Technical Addendum FY12- Q1 & Q2																																															
04 Subcontract																																																								
CXI 40370	Prep Bid Pkg & App -CXI Injector-All Other Parts	60	0	105	0.00	0.00	04/07/10	06/29/10	Prep Bid Pkg & App -CXI Injector-All Other Parts																																															
CXI 40390	AWARD: PO - CXI Injector-All Other Parts	1	0	105	145,640.00	158,747.60	06/30/10	06/30/10	AWARD: PO - CXI Injector-All Other Parts																																															
CXI 40410	Vendor Effort - CXI Injector-All Other Parts	80	0	105	145,640.00	163,116.80	07/01/10	10/20/10	Vendor Effort - CXI Injector-All Other Parts																																															
CXI 40420	RCV: CXI Injector-All Other Parts	0	0	105	0.00	0.00		10/20/10	RCV: CXI Injector-All Other Parts																																															
CXI 40425	Prep Bid Pkg & App - CXI Injector	30	0	110	0.00	0.00	04/07/10	05/18/10	Prep Bid Pkg & App - CXI Injector																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
CXI 04780A	Generate ESD (61-100%)- CXI 1.0um SC	29	100		104.00	11,491.76	11/03/08A	11/26/08A	Generate ESD (61-100%)- CXI 1.0um SC																																															
CXI 04781	Apr08 through Sep08 Plan Adjustment	21	100		1,223.69	1,223.69	09/01/08A	09/30/08A																																																
CXI 04800	COMP: ESD Released - CXI 1.0um SC	0	100		0.00	0.00		11/26/08A	COMP: ESD Released - CXI 1.0um SC																																															
CXI 04820	Prelim Design - CXI 1.0um SC - Pre B/L	80	100		32,860.00	32,860.00	01/09/08A	03/31/08A																																																
CXI 04825	Prelim Design - CXI 1.0um SC - Post B/L	69*	100		300.00	33,341.00	11/14/08A	02/20/09A	Prelim Design - CXI 1.0um SC - Post B/L																																															
CXI 04860	Controls Interface & Integ - CXI 1.0um SC	10	100		40.00	4,666.80	03/02/09A	05/20/09A	Controls Interface & Integ - CXI 1.0um SC																																															
CXI 04880	Prelim Engr Analysis - CXI 1.0um SC	75*	100		120.00	13,834.80	02/02/09A	05/15/09A	Prelim Engr Analysis - CXI 1.0um SC																																															
CXI 04900	Prep for PDR - CXI 1.0um SC	27*	100		80.00	8,974.00	02/23/09A	03/03/09A	Prep for PDR - CXI 1.0um SC																																															
CXI 04920	PDR - Prelim Design Review - CXI 1.0um SC	1	100		8.00	897.40	03/04/09A	03/04/09A	PDR - Prelim Design Review - CXI 1.0um SC																																															
CXI 04960	Final Engr Analysis - CXI 1.0um SC	30	85	16	60.00	6,917.40	05/18/09A	06/26/09	Final Engr Analysis - CXI 1.0um SC																																															
CXI 04980	Final Design - CXI 1.0um SC	25	0	16	100.00	10,906.00	06/29/09	07/31/09	Final Design - CXI 1.0um SC																																															
CXI 05000	Generate Assy & Detail Dwgs - CXI 1.0um SC	80	0	16	575.00	53,333.41	07/16/09	11/04/09	Generate Assy & Detail Dwgs - CXI 1.0um SC																																															
CXI 05020	Prep for FDR - CXI 1.0um SC	10	0	16	80.00	9,333.20	11/05/09	11/18/09	Prep for FDR - CXI 1.0um SC																																															
CXI 05040	FDR - Final Design Review - CXI 1.0um SC	1	0	16	8.00	933.32	11/19/09	11/19/09	FDR - Final Design Review - CXI 1.0um SC																																															
CXI 05045	Incorp FDR Changes - CXI 1.0um SC	10	0	16	44.00	4,990.48	11/20/09	12/07/09	Incorp FDR Changes - CXI 1.0um SC																																															
CXI 05050	Prep for Seismic Review - CXI 1.0um SC	10	0	59	40.00	4,611.60	06/29/09	07/10/09	Prep for Seismic Review - CXI 1.0um SC																																															
CXI 05055	Seismic Peer Review - CXI 1.0um SC	20	0	59	20.00	2,305.80	07/13/09	08/07/09	Seismic Peer Review - CXI 1.0um SC																																															
CXI 05070	Seismic Review Approval - CXI 1.0um SC	1	0	59	4.00	461.16	08/10/09	08/10/09	Seismic Review Approval - CXI 1.0um SC																																															
CXI 05075	COMP: Committee Approval - CXI 1.0um SC	0	0	59	0.00	0.00		09/21/09	COMP: Committee Approval - CXI 1.0um SC																																															
CXI 05080	Check & Approve Dwgs - CXI 1.0um SC	5	0	16	460.00	50,832.30	12/08/09	12/14/09	Check & Approve Dwgs - CXI 1.0um SC																																															
CXI 05085	Generate Mfg Docs - CXI 1.0um SC	20	0	16	80.00	9,592.80	12/15/09	01/25/10	Generate Mfg Docs - CXI 1.0um SC																																															
CXI 31000	START: Ion TOF (CXI Ion TOF)	0	100		0.00	0.00	12/05/08A		START: Ion TOF (CXI Ion TOF)																																															
CXI 31020	Generate PRD - CXI Ion TOF	15	100		0.00	0.00	12/05/08A	01/05/09A	Generate PRD - CXI Ion TOF																																															
CXI 31040	COMP: PRD Released - CXI Ion TOF	0	100		0.00	0.00		01/05/09A	COMP: PRD Released - CXI Ion TOF																																															
CXI 31060	Generate ESD - CXI Ion TOF	8	100		40.00	4,412.24	04/01/09A	04/20/09A	Generate ESD - CXI Ion TOF																																															
CXI 31080	COMP: ESD Released - CXI Ion TOF	0	100		0.00	0.00		04/20/09A	COMP: ESD Released - CXI Ion TOF																																															
CXI 31100	Prelim Design - CXI Ion TOF	25	0	262	160.00	18,147.20	01/04/10*	02/05/10	Prelim Design - CXI Ion TOF																																															
CXI 31140	Controls Interface & Integ - CXI Ion TOF	4	0	278	16.00	1,941.28	01/11/10	01/14/10	Controls Interface & Integ - CXI Ion TOF																																															
CXI 31160	Prelim Engr Analysis - CXI Ion TOF	4	0	283	16.00	1,918.56	01/04/10	01/07/10	Prelim Engr Analysis - CXI Ion TOF																																															
CXI 31180	Prep for PDR - CXI Ion TOF	5	0	262	50.00	5,735.90	02/08/10	02/12/10	Prep for PDR - CXI Ion TOF																																															
CXI 31200	PDR - Prelim Design Review - CXI Ion TOF	1	0	262	8.00	933.32	02/15/10	02/15/10	PDR - Prelim Design Review - CXI Ion TOF																																															
CXI 31240	Final Engr Analysis - CXI Ion TOF	2	0	262	8.00	959.28	02/16/10	02/17/10	Final Engr Analysis - CXI Ion TOF																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J											
CXI 31260	Final Design - CXI Ion TOF	12	0	262	80.00	9,073.60	02/18/10	03/05/10													▲▲ Final Design - CXI Ion TOF																																			
CXI 31280	Generate Assy & Detail Dwgs - CXI Ion TOF	12	0	262	80.00	7,621.60	02/26/10	03/15/10													▲▲ Generate Assy & Detail Dwgs - CXI Ion TOF																																			
CXI 31300	Prep for FDR - CXI Ion TOF	3	0	262	50.00	5,735.90	03/16/10	03/18/10													▲▲ Prep for FDR - CXI Ion TOF																																			
CXI 31320	FDR - Final Design Review - CXI Ion TOF	1	0	262	8.00	933.32	03/19/10	03/19/10													▲▲ FDR - Final Design Review - CXI Ion TOF																																			
CXI 31340	Incorp FDR Changes - CXI Ion TOF	6	0	262	40.00	4,536.80	03/22/10	03/29/10													▲▲ Incorp FDR Changes - CXI Ion TOF																																			
CXI 31360	Check & Approve Dwgs - CXI Ion TOF	3	0	262	60.00	6,630.30	03/30/10	04/01/10													▲▲ Check & Approve Dwgs - CXI Ion TOF																																			
CXI 31370	Generate Mfg Docs - CXI Ion TOF	20	0	270	80.00	9,592.80	04/02/10	04/29/10													▲▲ Generate Mfg Docs - CXI Ion TOF																																			
CXI_351000	START: CXI 0.1um Sample Chamber (SC)	0	100		0.00	0.00	06/23/08A																																																	
CXI_351005	Generate PRD - CXI 0.1um SC	15	100		0.00	0.00		06/23/08A																																																
CXI_351010	COMP: PRD Released - CXI 0.1um SC	0	100		0.00	0.00		06/23/08A																																																
CXI_351015	Generate ESD - CXI 0.1um SC	30	100		160.00	17,698.80	04/01/09A	04/07/09A	▲▲ Generate ESD - CXI 0.1um SC																																															
CXI_351020	COMP: ESD Released - CXI 0.1um SC	0	100		0.00	0.00		04/07/09A	◆ COMP: ESD Released - CXI 0.1um SC																																															
CXI_351025	Prelim Design - CXI 0.1um SC	20	0	95	320.00	37,073.20	11/02/09	12/01/09													▲▲ Prelim Design - CXI 0.1um SC																																			
CXI_351030	Controls Interface & Integ - CXI 0.1um SC	10	0	627	40.00	4,853.20	12/02/09	12/15/09													▲▲ Controls Interface & Integ - CXI 0.1um SC																																			
CXI_351035	Prelim Engr Analysis - CXI 0.1um SC	30	0	95	120.00	14,389.20	12/02/09	01/26/10													▲▲ Prelim Engr Analysis - CXI 0.1um SC																																			
CXI_351050	Final Engr Analysis - CXI 0.1um SC	30	0	95	60.00	7,194.60	01/27/10	03/09/10													▲▲ Final Engr Analysis - CXI 0.1um SC																																			
CXI_351075	Final Design - CXI 0.1um SC	25	0	95	120.00	13,610.40	03/10/10	04/13/10													▲▲ Final Design - CXI 0.1um SC																																			
CXI_351080	Generate Assy & Detail Dwgs - CXI 0.1um SC	80	0	95	300.00	28,581.00	04/14/10	08/03/10													▲▲ Generate Assy & Detail Dwgs - CXI 0.1um SC																																			
CXI_351085	Prep for FDR - CXI 0.1um SC	10	0	95	80.00	9,333.20	08/04/10	08/17/10													▲▲ Prep for FDR - CXI 0.1um SC																																			
CXI_351090	FDR - Final Design Review - CXI 0.1um SC	1	0	95	8.00	933.32	08/18/10	08/18/10													▲▲ FDR - Final Design Review - CXI 0.1um SC																																			
CXI_351095	Incorp FDR Changes - CXI 0.1um SC	10	0	95	80.00	9,073.60	08/19/10	09/01/10													▲▲ Incorp FDR Changes - CXI 0.1um SC																																			
CXI_351100	Check & Approve Dwgs - CXI 0.1um SC	30	0	95	480.00	53,619.87	09/02/10	10/13/10													▲▲ Check & Approve Dwgs - CXI 0.1um SC																																			
CXI_351105	Generate Mfg Docs - CXI 0.1um SC	20	0	95	80.00	9,976.00	10/14/10	11/10/10													▲▲ Generate Mfg Docs - CXI 0.1um SC																																			
03 Procurement																																																								
CXI 05960	Prep Bid Pkg & App - All Parts CXI 1.0um SC	30	0	121	0.00	0.00	01/26/10	03/08/10													▲▲ Prep Bid Pkg & App - All Parts CXI 1.0um SC																																			
CXI 05980	AWARD: PO - All Parts CXI 1.0um SC	1	0	121	226,520.00	246,906.80	03/09/10	03/09/10													▲▲ AWARD: PO - All Parts CXI 1.0um SC																																			
CXI 06000	Vendor Effort - All Parts CXI 1.0um SC	60	0	121	226,520.00	246,906.80	03/10/10	06/01/10													▲▲ Vendor Effort - All Parts CXI 1.0um SC																																			
CXI 06020	RCV: All Parts CXI 1.0um SC	0	0	121	0.00	0.00		06/01/10													◆ RCV: All Parts CXI 1.0um SC																																			
CXI 65080	Prep Bid Pkg & App - All Parts CXI Ion TOF	30	0	262	0.00	0.00	04/02/10	05/13/10													▲▲ Prep Bid Pkg & App - All Parts CXI Ion TOF																																			
CXI 65100	AWARD: PO - All Parts CXI Ion TOF	1	0	262	29,318.00	31,956.62	05/14/10	05/14/10													▲▲ AWARD: PO - All Parts CXI Ion TOF																																			
CXI 65120	Vendor Effort - All Parts CXI Ion TOF	20	0	262	29,318.00	31,956.62	05/17/10	06/11/10													▲▲ Vendor Effort - All Parts CXI Ion TOF																																			
CXI 65140	RCV: All Parts CXI Ion TOF	0	0	262	0.00	0.00		06/11/10													◆ RCV: All Parts CXI Ion TOF																																			

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J											
CXI_351200	Prep Bid Pkg & App - All Parts CXI 0.1um SC	30	0	98	0.00	0.00	11/11/10	01/07/11																									▲ Prep Bid Pkg & App - All Parts CXI 0.1um SC																							
CXI_351205	AWARD: PO - All Parts CXI 0.1um SC	1	0	98	69,574.00	77,922.88	01/10/11	01/10/11																									▲ AWARD: PO - All Parts CXI 0.1um SC																							
CXI_351210	Vendor Effort - All Parts CXI 0.1um SC	40	0	98	69,574.00	77,922.88	01/11/11	03/07/11																									▲ Vendor Effort - All Parts CXI 0.1um SC																							
CXI_351215	RCV: All Parts CXI 0.1um SC	0	0	98	0.00	0.00		03/07/11																									◆ RCV: All Parts CXI 0.1um SC																							
CXI_70230	AWARD: PO - All Parts CXI 0.1um Prec Instr Std	1	0	571	37,365.12	40,727.98	11/02/09	11/02/09																									▲ AWARD: PO - All Parts CXI 0.1um Prec Instr Std																							
CXI_70240	Vendor Effort - All Parts CXI 0.1um Prec Instr	85	0	571	37,365.12	40,727.98	11/03/09	03/17/10																									▲ Vendor Effort - All Parts CXI 0.1um Prec Instr																							
CXI_70250	RCV: All Parts CXI 0.1um Prec Instr Std	0	0	571	0.00	0.00		03/17/10																									◆ RCV: All Parts CXI 0.1um Prec Instr Std																							
04 Subcontract																																																								
CXI 06045	Prep Bid Pkg & App - Stgs/Ctrls CXI 1.0um SC	30	0	16	0.00	0.00	01/26/10	03/08/10																									▲ Prep Bid Pkg & App - Stgs/Ctrls CXI 1.0um SC																							
CXI 06050	RELEASE: RFP - Stgs/Ctrls CXI 1.0um SC	0	0	16	0.00	0.00		03/08/10																									◆ RELEASE: RFP - Stgs/Ctrls CXI 1.0um SC																							
CXI 06055	Vendor Proposal Effort - Stgs/Ctrls CXI 1.0um SC	20	0	16	0.00	0.00	03/09/10	04/05/10																									▲ Vendor Proposal Effort - Stgs/Ctrls CXI 1.0um SC																							
CXI 06060	RCV: Vendor Proposals - Stgs/Ctrls CXI 1.0um SC	0	0	16	0.00	0.00		04/05/10																									◆ RCV: Vendor Proposals - Stgs/Ctrls CXI 1.0um SC																							
CXI 06065	Eval & Selection Process-Stgs/Ctrls CXI 1.0um SC	15	0	16	0.00	0.00	04/06/10	04/26/10																									▲ Eval & Selection Process-Stgs/Ctrls CXI 1.0um SC																							
CXI 06070	Vendor Selection - Stgs/Ctrls CXI 1.0um SC	0	0	16	0.00	0.00		04/26/10																									◆ Vendor Selection - Stgs/Ctrls CXI 1.0um SC																							
CXI 06075	SLAC Approval Process - Stgs/Ctrls CXI 1.0um SC	5	0	16	0.00	0.00	04/27/10	05/03/10																									▲ SLAC Approval Process - Stgs/Ctrls CXI 1.0um SC																							
CXI 06080	DOE Approval Process - Stgs/Ctrls CXI 1.0um SC	5	0	16	0.00	0.00	05/04/10	05/10/10																									▲ DOE Approval Process - Stgs/Ctrls CXI 1.0um SC																							
CXI 06085	AWARD: PO - Stgs/Ctrls CXI 1.0um SC All Parts	1	0	16	117,680.00	128,271.20	05/11/10	05/11/10																									▲ AWARD: PO - Stgs/Ctrls CXI 1.0um SC All Parts																							
CXI 06090	Vendor Effort - Stgs/Ctrls CXI 1.0um SC	120	0	16	117,680.00	131,801.60	05/12/10	10/26/10																									▲ Vendor Effort - Stgs/Ctrls CXI 1.0um SC																							
CXI 06095	RCV: Parts - Stgs/Ctrls CXI 1.0um SC	0	0	16	0.00	0.00		10/26/10																									◆ RCV: Parts - Stgs/Ctrls CXI 1.0um SC																							
05 Fab / Assembly																																																								
CXI 06030	Inspect Procured Parts - CXI 1.0um SC	5	0	16	33.00	3,633.22	10/27/10	11/02/10																									▲ Inspect Procured Parts - CXI 1.0um SC																							
CXI 06040	Submit Shop Orders - CXI 1.0um SC	1	0	138	8.00	959.28	01/26/10	01/26/10																									▲ Submit Shop Orders - CXI 1.0um SC																							
CXI 06105	Process MFD Input - CXI 1.0um SC	10	0	138	40.00	4,958.00	01/27/10	02/09/10																									▲ Process MFD Input - CXI 1.0um SC																							
CXI 06110	Machining Processes - CXI 1.0um SC	60	0	138	426.00	52,802.70	02/10/10	05/04/10																									▲ Machining Processes - CXI 1.0um SC																							
CXI 06145	RCV: Fab Parts CXI 1.0um SC	0	0	138	0.00	0.00		05/04/10																									◆ RCV: Fab Parts CXI 1.0um SC																							
CXI 06155	Inspect Fab parts - CXI 1.0um SC	8	0	138	47.00	4,727.73	05/05/10	05/14/10																									▲ Inspect Fab parts - CXI 1.0um SC																							
CXI 06160	Vacuum Leak Check - CXI 1.0um SC	10	0	138	60.00	6,035.40	05/17/10	05/28/10																									▲ Vacuum Leak Check - CXI 1.0um SC																							
CXI 06200	Clean - CXI 1.0um SC	10	0	16	52.00	10,738.52	11/03/10	11/16/10																									▲ Clean - CXI 1.0um SC																							
CXI 06220	Assemble Parts - CXI 1.0um SC	40	0	16	223.00	23,328.03	11/17/10	01/27/11																									▲ Assemble Parts - CXI 1.0um SC																							
CXI 06225	Alignment - CXI 1.0um SC	3	0	16	32.00	2,868.48	01/28/11	02/01/11																									▲ Alignment - CXI 1.0um SC																							
CXI 65150	Inspect Procured Parts - All Parts CXI Ion TOF	10	0	262	11.00	1,146.66	06/14/10	06/25/10																									▲ Inspect Procured Parts - All Parts CXI Ion TOF																							
CXI 65235	Submit Shop Orders - CXI Ion TOF	1	0	270	8.00	959.28	04/30/10	04/30/10																									▲ Submit Shop Orders - CXI Ion TOF																							
CXI 65240	Process MFD Input - CXI Ion TOF	10	0	270	40.00	4,958.00	05/03/10	05/14/10																									▲ Process MFD Input - CXI Ion TOF																							

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
CXI 05160	COMP: PRD Released - CXI 1.0um Prec Instr Std	0	100		0.00	0.00		06/23/08A																																																
CXI 05161	Apr08 through Sep08 Plan Adjustment	21	100		167.69	167.69	09/01/08A	09/30/08A																																																
CXI 05180	Generate ESD (0-60%) - CXI 1.0um Prec Instr Std	202	100		0.00	0.00	04/01/08A	10/31/08A																																																
CXI 05182	Generate ESD (61-100%)- CXI 1.0um Prec Instr St	9	100		50.00	5,515.30	01/26/09A	02/06/09A	Generate ESD (61-100%)- CXI 1.0um Prec Instr St																																															
CXI 05200	COMP: ESD Released - CXI 1.0um Prec Instr Std	0	100		0.00	0.00		02/06/09A	COMP: ESD Released - CXI 1.0um Prec Instr Std																																															
CXI 05220	Prelim Design - CXI 1.0um Prec Instr Std	30	100		160.00	17,449.60	04/01/09A	05/15/09A	Prelim Design - CXI 1.0um Prec Instr Std																																															
CXI 05240	Prelim Engr Analysis - CXI 1.0um Prec Instr Std	20	100		100.00	11,529.00	04/15/09A	05/15/09A	Prelim Engr Analysis - CXI 1.0um Prec Instr Std																																															
CXI 05260	Controls Interface & Integ - CXI 1.0um Prec Instr	4	100		24.00	2,800.08	05/18/09A	05/21/09A	Controls Interface & Integ - CXI 1.0um Prec Instr																																															
CXI 05280	Prep for PDR - CXI 1.0um Prec Instr Std	7	100		50.00	5,515.30	05/07/09A	05/14/09A	Prep for PDR - CXI 1.0um Prec Instr Std																																															
CXI 05300	PDR - Prelim Design Review - CXI 1.0um Prec Instr	1	100		8.00	897.40	05/15/09A	05/15/09A	PDR - Prelim Design Review - CXI 1.0um Prec Instr																																															
CXI 05340	Final Engr Analysis - CXI 1.0um Prec Instr Std	9	20	205	60.00	6,917.40	05/18/09A	07/30/09	Final Engr Analysis - CXI 1.0um Prec Instr Std																																															
CXI 05360	Final Design - CXI 1.0um Prec Instr Std	12	20	211	80.00	8,724.80	05/26/09A	07/30/09	Final Design - CXI 1.0um Prec Instr Std																																															
CXI 05380	Generate Assy & Detail Dwgs-CXI 1.0um Prec Instr	25	0	205	170.00	15,573.70	07/31/09	09/03/09	Generate Assy & Detail Dwgs-CXI 1.0um Prec Instr																																															
CXI 05400	Prep for FDR - CXI 1.0um Prec Instr Std	5	0	205	50.00	5,515.30	09/04/09	09/10/09	Prep for FDR - CXI 1.0um Prec Instr Std																																															
CXI 05420	FDR - Final Design Review - CXI 1.0um Prec Instr	1	0	205	8.00	897.40	09/11/09	09/11/09	FDR - Final Design Review - CXI 1.0um Prec Instr																																															
CXI 05425	Prep for Seismic Review - CXI 1.0um Prec Instr	5	0	218	24.00	2,766.96	06/01/09	06/05/09	Prep for Seismic Review - CXI 1.0um Prec Instr																																															
CXI 05428	Seismic Peer Review - CXI 1.0um Prec Instr Std	20	0	218	20.00	2,305.80	06/08/09	07/03/09	Seismic Peer Review - CXI 1.0um Prec Instr Std																																															
CXI 05431	Seismic Review Approval - CXI 1.0um Prec Instr	1	0	218	4.00	461.16	07/06/09	07/06/09	Seismic Review Approval - CXI 1.0um Prec Instr																																															
CXI 05434	COMP: Committee Approval - CXI 1.0um Prec Instr	0	0	218	0.00	0.00		08/17/09	COMP: Committee Approval - CXI 1.0um Prec Instr																																															
CXI 05440	Incorp FDR Changes - CXI 1.0um Prec Instr Std	6	0	205	40.00	3,664.40	09/14/09	09/21/09	Incorp FDR Changes - CXI 1.0um Prec Instr Std																																															
CXI 05470	Check & Approve Dwgs - CXI 1.0um Prec Instr Std	6	0	205	140.00	14,875.70	09/22/09	09/29/09	Check & Approve Dwgs - CXI 1.0um Prec Instr Std																																															
CXI 05475	Generate Mfg Docs - CXI 1.0um Prec Instr Std	20	0	212	80.00	9,574.32	09/30/09	10/27/09	Generate Mfg Docs - CXI 1.0um Prec Instr Std																																															
CXI_70000	START: CXI 0.1um Precision Instrument Stand	0	100		0.00	0.00	06/02/08A																																																	
CXI_70010	Revise PRD - CXI 0.1um Prec Instr Std	15	100		0.00	0.00	06/02/08A	06/23/08A																																																
CXI_70020	COMP: PRD Released - CXI 0.1um Prec Instr Std	0	100		0.00	0.00		06/23/08A																																																
CXI_70030	Revise ESD - CXI 0.1um Prec Instr Std	10	100		50.00	5,515.30	04/01/09A	04/20/09A	Revise ESD - CXI 0.1um Prec Instr Std																																															
CXI_70040	COMP: ESD Released - CXI 0.1um Prec Instr Std	0	100		0.00	0.00		04/20/09A	COMP: ESD Released - CXI 0.1um Prec Instr Std																																															
03 Procurement																																																								
CXI 06480	Prep Bid Pkg & App - CXI 1.0um Prec Instr Std	30	0	205	0.00	0.00	09/30/09	11/10/09	Prep Bid Pkg & App - CXI 1.0um Prec Instr Std																																															
CXI 06500	AWARD: PO - All Parts CXI 1.0um Prec Instr Std	1	0	205	117,680.00	128,271.20	11/11/09	11/11/09	AWARD: PO - All Parts CXI 1.0um Prec Instr Std																																															
CXI 06520	Vendor Effort - All Parts CXI 1.0um Prec Instr	85	0	205	117,679.95	128,271.15	11/12/09	03/26/10	Vendor Effort - All Parts CXI 1.0um Prec Instr																																															
CXI 06540	RCV: All Parts CXI 1.0um Prec Instr Std	0	0	205	0.00	0.00		03/26/10	RCV: All Parts CXI 1.0um Prec Instr Std																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12																																										
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J																																				
05 Fab / Assembly																																																																																							
CXI 06600	Inspect Procured Parts - CXI 1.0um Prec Instr St	10	0	205	8.00	831.50	03/29/10	04/09/10																									Inspect Procured Parts - CXI 1.0um Prec Instr St																																																						
CXI 06605	Submit Shop Orders - CXI 1.0um Prec Instr Std	1	0	212	8.00	959.28	10/28/09	10/28/09																									Submit Shop Orders - CXI 1.0um Prec Instr Std																																																						
CXI 06610	Process MFD Input - CXI 1.0um Prec Instr Std	10	0	212	40.00	4,958.00	10/29/09	11/11/09																									Process MFD Input - CXI 1.0um Prec Instr Std																																																						
CXI 06620	Machining Processes - CXI 1.0um Prec Instr Std	70	0	212	400.00	49,580.00	11/12/09	03/05/10													Machining Processes - CXI 1.0um Prec Instr Std																																																																		
CXI 06625	Welding - CXI 1.0um Prec Instr Std	15	0	212	80.00	9,916.00	03/08/10	03/26/10																									Welding - CXI 1.0um Prec Instr Std																																																						
CXI 06630	RCV: Fab Parts CXI 1.0um Prec Instr Std	0	0	212	0.00	0.00		03/26/10																									RCV: Fab Parts CXI 1.0um Prec Instr Std																																																						
CXI 06660	Inspect Fab Parts - CXI 1.0um Prec Instr Std	3	0	212	18.00	1,810.62	03/29/10	03/31/10																									Inspect Fab Parts - CXI 1.0um Prec Instr Std																																																						
CXI 06720	Assemble Parts - CXI 1.0um Prec Instr Std	10	0	205	104.00	9,641.76	04/12/10	04/23/10																									Assemble Parts - CXI 1.0um Prec Instr Std																																																						
06 Testing																																																																																							
CXI 06760	Final Test - CXI 1.0um Prec Instr Std	5	0	205	40.00	2,999.10	04/26/10	04/30/10																									Final Test - CXI 1.0um Prec Instr Std																																																						
CXI 06780	AVAIL: CXI 1.0um Prec Inst Ready For Install	0	0	205	0.00	0.00		04/30/10																									AVAIL: CXI 1.0um Prec Inst Ready For Install																																																						
1.3.05.01.03 CXI Detector Stage																																																																																							
02 Design / Engineering																																																																																							
CXI 05500	START: CXI Detector Stage	0	100		0.00	0.00	12/03/07A																																																																																
CXI 05520	Generate PRD - CXI Detector Stage	122	100		0.00	0.00	12/03/07A	06/23/08A																																																																															
CXI 05540	COMP: PRD Released - CXI Detector Stage	0	100		0.00	0.00		06/23/08A																																																																															
CXI 05560	Generate ESD (0-60%) - CXI Detector Stage	132	100		0.00	0.00	04/01/08A	10/31/08A																																																																															
CXI 05562	Generate ESD (61-100%) - CXI Detector Stage	25	100		60.00	6,668.20	02/02/09A	02/18/09A													Generate ESD (61-100%) - CXI Detector Stage																																																																		
CXI 05580	COMP: ESD Released - CXI Detector Stage	0	100		0.00	0.00		02/18/09A													COMP: ESD Released - CXI Detector Stage																																																																		
CXI 05581	Apr08 through Sep08 Plan Adjustment	21	100		1,698.82	1,698.82	09/01/08A	09/30/08A																																																																															
CXI 05600	Prelim Design (0-60%) - CXI Detector Stage	120	100		0.00	0.00	04/01/08A	10/31/08A																																																																															
CXI 05602	Prelim Design (61-100%) - CXI Detector Stage	30	100		200.00	21,812.00	04/01/09A	05/14/09A													Prelim Design (61-100%) - CXI Detector Stage																																																																		
CXI 05620	Controls Interface & Integ - CXI Detector Stage	4	100		24.00	2,800.08	05/01/09A	05/06/09A													Controls Interface & Integ - CXI Detector Stage																																																																		
CXI 05640	Prelim Engr Analysis - CXI Detector Stage	12	100		80.00	9,223.20	04/01/09A	05/14/09A													Prelim Engr Analysis - CXI Detector Stage																																																																		
CXI 05660	Prep for PDR - CXI Detector Stage	5	100		50.00	5,515.30	05/08/09A	05/14/09A													Prep for PDR - CXI Detector Stage																																																																		
CXI 05680	PDR - Prelim Design Review - CXI Detector Stage	1	100		8.00	897.40	05/15/09A	05/15/09A													PDR - Prelim Design Review - CXI Detector Stage																																																																		
CXI 05720	Final Engr Analysis - CXI Detector Stage	5	0	146	120.00	13,834.80	06/01/09*	06/05/09													Final Engr Analysis - CXI Detector Stage																																																																		
CXI 05740	Final Design - CXI Detector Stage	25	0	85	175.00	19,177.06	09/01/09	10/05/09													Final Design - CXI Detector Stage																																																																		
CXI 05760	Generate Assy & Detail Dwgs - CXI Detector Stage	50	0	90	300.00	28,581.00	10/06/09	12/16/09													Generate Assy & Detail Dwgs - CXI Detector Stage																																																																		
CXI 05780	Prep for FDR - CXI Detector Stage	5	0	90	50.00	5,735.90	12/17/09	01/06/10													Prep for FDR - CXI Detector Stage																																																																		
CXI 05800	FDR - Final Design Review - CXI Detector Stage	1	0	85	8.00	933.32	01/14/10	01/14/10													FDR - Final Design Review - CXI Detector Stage																																																																		
CXI 05820	Incorp FDR Changes - CXI Detector Stage	5	0	85	40.00	3,810.80	01/15/10	01/21/10													Incorp FDR Changes - CXI Detector Stage																																																																		

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12																							
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J																	
CXI 05825	Prep for Seismic Review - CXI Detector Stage	10	0	85	24.00	2,800.22	09/22/09	10/05/09																									▲ Prep for Seismic Review - CXI Detector Stage																																			
CXI 05830	Seismic Peer Review - CXI Detector Stage	20	0	85	20.00	2,398.20	10/06/09	11/02/09																									▲ Seismic Peer Review - CXI Detector Stage																																			
CXI 05832	Seismic Review Approval - CXI Detector Stage	1	0	85	4.00	479.64	11/03/09	11/03/09																									✘ Seismic Review Approval - CXI Detector Stage																																			
CXI 05835	COMP: Committee Approval - CXI Detector Stage	0	0	85	0.00	0.00		12/17/09																									◆ COMP: Committee Approval - CXI Detector Stage																																			
CXI 05840	Check & Approve Dwgs - CXI Detector Stage	5	0	85	240.00	26,521.20	01/22/10	01/28/10																									▲ Check & Approve Dwgs - CXI Detector Stage																																			
CXI 05850	Generate Mfg Docs - CXI Detector Stage	20	0	134	80.00	9,592.80	01/29/10	02/25/10																									▲ Generate Mfg Docs - CXI Detector Stage																																			
03 Procurement																																																																				
CXI 06880	Prep Bid Pkg & App -Vdr Parts CXI Detector Stage	30	0	85	0.00	0.00	01/29/10	03/11/10																									▲ Prep Bid Pkg & App -Vdr Parts CXI Detector Stage																																			
CXI 06900	AWARD: PO - All Vdr Parts CXI Detector Stage	1	0	85	98,763.00	107,651.67	03/12/10	03/12/10																									✘ AWARD: PO - All Vdr Parts CXI Detector Stage																																			
CXI 06920	Vendor Fab - All Vdr Parts CXI Detector Stage	120	0	85	98,763.00	107,651.67	03/15/10	08/27/10																									▲ Vendor Fab - All Vdr Parts CXI Detector Stage																																			
CXI 06930	RCV: All Vendor Parts CXI Detector Stage	0	0	85	0.00	0.00		08/27/10																									◆ RCV: All Vendor Parts CXI Detector Stage																																			
05 Fab / Assembly																																																																				
CXI 06932	Inspect Procured Parts-All CXI Detector Stage	2	0	85	15.00	1,602.58	08/30/10	08/31/10																									✘ Inspect Procured Parts-All CXI Detector Stage																																			
CXI 06934	Submit Shop Orders - CXI Detector Stage	1	0	134	8.00	959.28	02/26/10	02/26/10																									✘ Submit Shop Orders - CXI Detector Stage																																			
CXI 06935	Process MFD Input - CXI Detector Stage	10	0	134	40.00	4,958.00	03/01/10	03/12/10																									▲ Process MFD Input - CXI Detector Stage																																			
CXI 06940	Machining Processes - CXI Detector Stage	50	0	134	270.00	33,466.50	03/15/10	05/21/10																									▲ Machining Processes - CXI Detector Stage																																			
CXI 06945	Welding - CXI Detector Stage	8	0	134	50.00	6,197.50	05/24/10	06/02/10																									▲ Welding - CXI Detector Stage																																			
CXI 06947	Vacuum Leak Check - CXI Detector Stage	8	0	134	40.00	4,958.00	06/03/10	06/14/10																									▲ Vacuum Leak Check - CXI Detector Stage																																			
CXI 06950	Inspect Fab Parts - CXI Detector Stage	7	0	134	44.00	5,453.80	06/15/10	06/23/10																									▲ Inspect Fab Parts - CXI Detector Stage																																			
CXI 06955	RCV: Fab Parts CXI Detector Stage	0	0	134	0.00	0.00		06/23/10																									◆ RCV: Fab Parts CXI Detector Stage																																			
CXI 07120	Clean - CXI Detector Stage	10	0	85	70.00	13,899.90	09/01/10	09/14/10																									▲ Clean - CXI Detector Stage																																			
CXI 07125	RCV: Cornell Detector from LCLS	0	0	275	0.00	0.00		12/08/09*																									◆ RCV: Cornell Detector from LCLS																																			
CXI 07140	Assemble Parts - CXI Detector Stage	15	0	85	96.00	9,733.82	09/15/10	10/05/10																									▲ Assemble Parts - CXI Detector Stage																																			
CXI 07170	REQD: Stage Controls HW & SW	0	0	234	0.00	0.00		03/10/10																									◆ REQD: Stage Controls HW & SW																																			
CXI 07180	Connect Controls - CXI Detector Stage	3	0	85	16.00	1,105.44	10/06/10	10/08/10																									✘ Connect Controls - CXI Detector Stage																																			
CXI 07183	Vacuum Process - CXI Detector Stage	1	0	85	16.00	1,673.76	10/11/10	10/11/10																									✘ Vacuum Process - CXI Detector Stage																																			
CXI 07186	Pre-Survey - CXI Detector Stage	1	0	85	16.00	1,434.24	10/12/10	10/12/10																									✘ Pre-Survey - CXI Detector Stage																																			
06 Testing																																																																				
CXI 07200	Final Test - CXI Detector Stage	3	0	85	24.00	1,871.28	10/13/10	10/15/10																									▲ Final Test - CXI Detector Stage																																			
CXI 07220	AVAIL: Ready For Installation CXI Detector Stage	0	0	85	0.00	0.00		10/15/10																									◆ AVAIL: Ready For Installation CXI Detector Stage																																			
1.3.06.01 CXI Hutch Specification																																																																				
02 Design / Engineering																																																																				
CXI 07980	START: Hutch Layout and Design	0	100		0.00	0.00	06/02/08A																																																													
CXI 08000	Generate ESD- CXI Hutch Layout	56	100		0.00	0.00	06/02/08A	09/02/08A																																																												

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09					FY10					FY11					FY12																														
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
CXI 08020	COMP: ESD Released - CXI Hutch Layout	0	100		0.00	0.00		09/02/08A																																														
CXI 08030	Prelim Layout - CXI Hutch Layout	40	100		0.00	0.00	07/15/08A	09/15/08A																																														
CXI 08050	COMP: Prelim Layout - CXI Hutch Layout	0	100		0.00	0.00		09/15/08A																																														
CXI 08051	Apr08 through Sep08 Plan Adjustment	21	100		28,221.58	28,221.58	09/01/08A	09/30/08A																																														
CXI 08060	REQD: LCLS 30% Drawings	0	100		0.00	0.00	11/06/08A																																															
CXI 08070	Review 30% drawings	7	100		16.00	1,844.64	11/07/08A	11/12/08A																																														
CXI 08080	REQD: LCLS 60% drawings	0	100		0.00	0.00	01/12/09A		◆ REQD: LCLS 60% drawings																																													
CXI 08090	Review 60% drawings	9	100		16.00	1,844.64	01/12/09A	01/14/09A	▬ Review 60% drawings																																													
CXI 08095	REQD: LCLS 90% drawings	0	100		0.00	0.00	02/26/09A		◆ REQD: LCLS 90% drawings																																													
CXI 08100	Review 90% drawings	7	100		16.00	1,844.64	02/26/09A	03/06/09A	▬ Review 90% drawings																																													
CXI 08102	REQD: LCLS 100% drawings	0	100		0.00	0.00	03/27/09A		◆ REQD: LCLS 100% drawings																																													
CXI 08104	REQD: LCLS FEH Internal FDR	0	100		0.00	0.00	03/30/09A		◆ REQD: LCLS FEH Internal FDR																																													
CXI 08105	REQD: LCLS Construction Start	0	0	98	0.00	0.00	06/15/09*		◆ REQD: LCLS Construction Start																																													
CXI 08110	Review shop drawings	150	0	98	80.00	9,400.61	06/15/09	01/26/10	▬ Review shop drawings																																													
CXI 08130	COMP: CXI Hutch Layout Review of Drawings	0	0	98	0.00	0.00		01/26/10	◆ COMP: CXI Hutch Layout Review of Drawings																																													
CXI 08150	Generate "As Built" models	150	0	98	120.00	11,204.02	06/15/09	01/26/10	▬ Generate "As Built" models																																													
CXI 08170	COMP: CXI Hutch Layout	0	0	98	0.00	0.00		01/26/10	◆ COMP: CXI Hutch Layout																																													
1.3.06.02 CXI Utilities & Hutch Equipment																																																						
02 Design / Engineering																																																						
CXI 59000	START: CXI Utilities Design Phase	0	0	1	0.00	0.00	08/31/09*		◆ START: CXI Utilities Design Phase																																													
CXI 60000	Design - CXI Compressed Air/Water Distribution	20	0	16	40.00	4,611.60	08/31/09	09/25/09	▬ Design - CXI Compressed Air/Water Distribution																																													
CXI 60020	Detail Drawings - CXI Compressed AirWater Distri	20	0	16	40.00	3,788.84	09/28/09	10/23/09	▬ Detail Drawings - CXI Compressed AirWater Distri																																													
CXI 60030	Check & Approve Dwgs - CXI Compr AirWater Distri	3	0	16	32.00	3,640.00	10/26/09	10/28/09	▬ Check & Approve Dwgs - CXI Compr AirWater Distri																																													
CXI 60040	Design - CXI Gas Distribution/Cabinet	20	0	1	40.00	4,611.60	08/31/09	09/25/09	▬ Design - CXI Gas Distribution/Cabinet																																													
CXI 60060	Detail Drawings - CXI Gas Distribution/Cabinet	20	0	1	40.00	3,788.84	09/28/09	10/23/09	▬ Detail Drawings - CXI Gas Distribution/Cabinet																																													
CXI 60070	Check & Approve Dwgs - CXI Gas Distribution/Cabi	3	0	1	32.00	3,640.00	10/26/09	10/28/09	▬ Check & Approve Dwgs - CXI Gas Distribution/Cabi																																													
CXI 60080	Design - CXI Power to racks	40	0	16	160.00	15,657.00	08/31/09	10/23/09	▬ Design - CXI Power to racks																																													
CXI 60100	Detail Drawings-CXI Power to racks	30	0	16	120.00	11,432.40	10/26/09	12/08/09	▬ Detail Drawings-CXI Power to racks																																													
CXI 60105	Check & Approve Dwgs - CXI Power to racks	9	0	16	96.00	10,920.00	12/09/09	01/04/10	▬ Check & Approve Dwgs - CXI Power to racks																																													
CXI 60110	Design - CXI Water to racks	20	0	31	80.00	9,592.80	10/26/09	11/20/09	▬ Design - CXI Water to racks																																													
CXI 60115	Detail Drawings-CXI Water to racks	10	0	31	40.00	3,810.80	11/23/09	12/08/09	▬ Detail Drawings-CXI Water to racks																																													
CXI 60118	Check & Approve Dwgs - CXI Water to racks	3	0	31	32.00	3,640.00	12/09/09	12/11/09	▬ Check & Approve Dwgs - CXI Water to racks																																													
CXI 60120	Design - CXI Hutch Cabinets	5	0	81	10.00	1,152.90	08/31/09	09/04/09	▬ Design - CXI Hutch Cabinets																																													

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
CXI 60140	Detail Drawings - CXI Hutch Cabinets	5	0	112	20.00	1,832.20	09/07/09	09/11/09													▲ Detail Drawings - CXI Hutch Cabinets																																			
CXI 60150	Check & Approve Dwgs - CXI Hutch Cabinets	2	0	112	16.00	1,749.92	09/14/09	09/15/09													▲ Check & Approve Dwgs - CXI Hutch Cabinets																																			
CXI 60160	Design - Drop Floor	10	0	81	40.00	4,611.60	09/07/09	09/18/09													▲ Design - Drop Floor																																			
CXI 60180	Detail Drawings - Drop Floor	20	0	81	96.00	9,005.38	09/21/09	10/16/09													▲ Detail Drawings - Drop Floor																																			
CXI 60190	Check & Approve Dwgs - Drop Floor	8	0	81	76.00	8,645.00	10/19/09	10/28/09													▲ Check & Approve Dwgs - Drop Floor																																			
CXI 60200	Design - Instrument Cable Tray	10	0	16	40.00	4,796.40	01/05/10	01/18/10													▲ Design - Instrument Cable Tray																																			
CXI 60220	Detail Drawings - Instrument Cable Tray	15	0	16	48.00	4,572.96	01/19/10	02/08/10													▲ Detail Drawings - Instrument Cable Tray																																			
CXI 60230	Check & Approve Dwgs - Instrument Cable Tray	4	0	16	40.00	4,550.00	02/09/10	02/12/10													▲ Check & Approve Dwgs - Instrument Cable Tray																																			
CXI 60380	COMP: CXI Utilities Design Phase	0	0	16	0.00	0.00	02/15/10	02/12/10													▲ COMP: CXI Utilities Design Phase																																			
03 Procurement																																																								
CXI 08470	Prep Bid Pkg & App - CXI Hutch Cabinets	30	0	112	0.00	0.00	09/16/09	10/27/09													▲ Prep Bid Pkg & App - CXI Hutch Cabinets																																			
CXI 08480	AWARD: PO - CXI Hutch Cabinets	1	0	119	10,611.68	11,566.73	11/02/09	11/02/09													▲ AWARD: PO - CXI Hutch Cabinets																																			
CXI 08490	Vendor Fab - CXI Hutch Cabinets	30	0	119	10,611.68	11,566.73	11/03/09	12/16/09													▲ Vendor Fab - CXI Hutch Cabinets																																			
CXI 08500	RCV: CXI Hutch Cabinets	0	0	119	0.00	0.00		12/16/09													◆ RCV: CXI Hutch Cabinets																																			
CXI 08510	Prep Bid Pkg & App - CXI Drop Floor	30	0	81	0.00	0.00	10/29/09	12/11/09													▲ Prep Bid Pkg & App - CXI Drop Floor																																			
CXI 08520	AWARD: PO - CXI Drop Floor	1	0	81	20,423.00	22,261.07	12/14/09	12/14/09													▲ AWARD: PO - CXI Drop Floor																																			
CXI 08530	Vendor Fab - CXI Drop Floor	40	0	81	20,423.00	22,261.07	12/15/09	02/22/10													▲ Vendor Fab - CXI Drop Floor																																			
CXI 08540	RCV: CXI Drop Floor	0	0	81	0.00	0.00		02/22/10													◆ RCV: CXI Drop Floor																																			
CXI 08550	Prep Bid Pkg & App - CXI Cable Trays	30	0	16	0.00	0.00	02/15/10	03/26/10													▲ Prep Bid Pkg & App - CXI Cable Trays																																			
CXI 08560	AWARD: PO - CXI Cable Trays	1	0	16	20,000.00	21,800.00	03/29/10	03/29/10													▲ AWARD: PO - CXI Cable Trays																																			
CXI 08570	Vendor Fab - CXI Cable Trays	40	0	16	20,000.00	21,800.00	03/30/10	05/24/10													▲ Vendor Fab - CXI Cable Trays																																			
CXI 08580	RCV: CXI Cable Trays	0	0	16	0.00	0.00		05/24/10													◆ RCV: CXI Cable Trays																																			
CXI 08590	Prep Bid Pkg & App -CXI Utilities/Hutch Other Eq	30	0	16	0.00	0.00	02/15/10	03/26/10													▲ Prep Bid Pkg & App -CXI Utilities/Hutch Other Eq																																			
CXI 08600	AWARD: PO - CXI Utilities & Hutch Other Equip	1	0	16	10,000.00	10,900.00	03/29/10	03/29/10													▲ AWARD: PO - CXI Utilities & Hutch Other Equip																																			
CXI 08610	Vendor Fab - CXI Hutch Other Equip	40	0	16	10,000.00	10,900.00	03/30/10	05/24/10													▲ Vendor Fab - CXI Hutch Other Equip																																			
CXI 08620	RCV: CXI Hutch Other Parts	0	0	16	0.00	0.00		05/24/10													◆ RCV: CXI Hutch Other Parts																																			
CXI 08635	Prep Bid Pkg & App -CXI Gas Distribution/Cabinet	30	0	1	0.00	0.00	10/29/09	12/11/09													▲ Prep Bid Pkg & App -CXI Gas Distribution/Cabinet																																			
CXI 08640	AWARD: PO - CXI Gas Distribution/Cabinet	1	0	81	4,775.00	5,204.75	12/14/09	12/14/09													▲ AWARD: PO - CXI Gas Distribution/Cabinet																																			
CXI 08650	Vendor Fab - CXI Gas Distribution/Cabinet	40	0	81	4,775.00	5,204.75	12/15/09	02/22/10													▲ Vendor Fab - CXI Gas Distribution/Cabinet																																			
CXI 08660	RCV: CXI Gas Distribution/Cabinet	0	0	81	0.00	0.00		02/22/10													◆ RCV: CXI Gas Distribution/Cabinet																																			
CXI 08750	Prep Bid Pkg & App -CXI Compressed Air/Distribut	30	0	1	0.00	0.00	11/19/09	01/15/10													▲ Prep Bid Pkg & App -CXI Compressed Air/Distribut																																			
CXI 08760	AWARD: PO - CXI Compressed Air/Distribution	1	0	66	2,775.00	3,024.75	01/18/10	01/18/10													▲ AWARD: PO - CXI Compressed Air/Distribution																																			

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
CXI 08770	Vendor Fab - CXI Compressed Air/Distribution	40	0	66	2,775.00	3,024.75	01/19/10	03/15/10													Vendor Fab - CXI Compressed Air/Distribution																																			
CXI 08780	RCV: CXI Compressed Air/Distribution	0	0	66	0.00	0.00		03/15/10													RCV: CXI Compressed Air/Distribution																																			
CXI 62000	Prep Bid Pkg & App - CXI Water Distribution	30	0	1	0.00	0.00	12/14/09	02/05/10													Prep Bid Pkg & App - CXI Water Distribution																																			
CXI 62020	AWARD: PO - CXI Water Distribution	1	0	31	2,775.00	3,024.75	02/08/10	02/08/10													AWARD: PO - CXI Water Distribution																																			
CXI 62040	Vendor Fab - CXI Water Distribution	60	0	31	2,775.00	3,024.75	02/09/10	05/03/10													Vendor Fab - CXI Water Distribution																																			
CXI 62060	RCV: CXI Water Distribution	0	0	31	0.00	0.00		05/03/10													RCV: CXI Water Distribution																																			
CXI 62080	Prep Bid Pkg & App - CXI Water to Racks	30	0	1	0.00	0.00	02/08/10	03/19/10													Prep Bid Pkg & App - CXI Water to Racks																																			
CXI 62100	AWARD: PO - CXI Water to Racks	1	0	1	15,360.00	16,742.40	03/22/10	03/22/10													AWARD: PO - CXI Water to Racks																																			
CXI 62120	Vendor Fab - CXI Water to Racks	60	0	1	15,360.00	16,742.40	03/23/10	06/14/10													Vendor Fab - CXI Water to Racks																																			
CXI 62140	RCV: CXI Water to Racks	0	0	1	0.00	0.00		06/14/10													RCV: CXI Water to Racks																																			
1.3.07.01 CXI Vacuum Equipment																																																								
02 Design / Engineering																																																								
CXI 08700	START: CXI Vacuum Equip	0	100		0.00	0.00	12/02/08A		START: CXI Vacuum Equip																																															
CXI 08800	Prelim Design - CXI Vacuum Equip	20	50	8	120.00	13,834.80	12/02/08A	07/03/09	Prelim Design - CXI Vacuum Equip																																															
CXI 08810	Prelim Engr Analysis - CXI Vacuum Equip	20	60	2	120.00	13,834.80	12/09/08A	07/13/09	Prelim Engr Analysis - CXI Vacuum Equip																																															
CXI 08880	Final Design - CXI Vacuum Equip	10	0	2	64.00	6,052.48	07/14/09	07/27/09	Final Design - CXI Vacuum Equip																																															
CXI 08890	Final Engr Analysis - CXI Vacuum Equip	10	0	2	60.00	6,917.40	07/14/09	07/27/09	Final Engr Analysis - CXI Vacuum Equip																																															
CXI 08895	Generate Assy & Detail Dwgs - CXI Vac Equip	10	0	2	80.00	7,328.80	07/28/09	08/10/09	Generate Assy & Detail Dwgs - CXI Vac Equip																																															
CXI 08920	Prep for FDR - CXI Vacuum Equip	12	0	2	50.00	5,527.70	08/11/09	08/26/09	Prep for FDR - CXI Vacuum Equip																																															
CXI 08940	FDR - Final Design Review - VacS Equip	1	0	2	8.00	827.60	08/27/09	08/27/09	FDR - Final Design Review - VacS Equip																																															
CXI 08960	Incorp FDR Changes - Vac Equip	6	0	184	24.00	2,198.64	08/28/09	09/04/09	Incorp FDR Changes - Vac Equip																																															
CXI 08965	Check & Approve Dwgs - CXI Vacuum Equip	6	0	184	50.00	4,935.70	09/07/09	09/14/09	Check & Approve Dwgs - CXI Vacuum Equip																																															
03 Procurement																																																								
CXI 09200	Prep Bid Pkg & App - CXI Vacuum Equip	30	0	184	0.00	0.00	09/15/09	10/26/09	Prep Bid Pkg & App - CXI Vacuum Equip																																															
CXI 09205	AWARD: PO - All Parts CXI Vacuum Equip	1	0	180	194,510.00	212,015.90	11/02/09	11/02/09	AWARD: PO - All Parts CXI Vacuum Equip																																															
CXI 09210	Vendor Effort - CXI Vacuum System All Parts	40	0	180	194,510.00	212,015.90	11/03/09	01/13/10	Vendor Effort - CXI Vacuum System All Parts																																															
CXI 09215	RCV: CXI Vacuum Equipment All Parts	0	0	180	0.00	0.00		01/13/10	RCV: CXI Vacuum Equipment All Parts																																															
05 Fab / Assembly																																																								
CXI 09225	Inspect Procured Parts - CXI Vacuum EQ	5	0	180	27.00	2,809.66	01/14/10	01/20/10	Inspect Procured Parts - CXI Vacuum EQ																																															
CXI 09230	Testing - CXI Vacuum Equip All Parts	10	0	180	60.00	6,035.40	01/21/10	02/03/10	Testing - CXI Vacuum Equip All Parts																																															
CXI 09235	Vacuum Process - CXI Vacuum Equip All Parts	12	0	180	80.00	8,047.20	02/04/10	02/19/10	Vacuum Process - CXI Vacuum Equip All Parts																																															
CXI 09240	AVAIL: CXI Vacuum Equip Ready For Installation	0	0	180	0.00	0.00		02/19/10	AVAIL: CXI Vacuum Equip Ready For Installation																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
1.3.07.02.01 CXI Bellows & Spools																																																								
02 Design / Engineering																																																								
CXI 08985	Prelim Design - CXI Bellows	8	0	2	40.00	4,362.40	08/28/09	09/08/09																																																
CXI 09005	Final Design - CXI Bellows	8	0	168	40.00	4,362.40	09/09/09	09/18/09																																																
CXI 09007	Generate Detail Drawings - CXI Bellows	4	0	168	16.00	1,465.76	09/21/09	09/24/09																																																
CXI 09022	Check & Approve Dwgs - CXI Bellows	3	0	168	12.00	1,275.06	09/25/09	09/29/09																																																
CXI 59030	Prelim Design - CXI Spools	10	0	2	40.00	4,362.40	09/09/09	09/22/09																																																
CXI 59110	Final Design - CXI Spools	10	0	146	40.00	4,432.16	09/23/09	10/06/09																																																
CXI 59125	Generate Detail Drawings - CXI Spools	10	0	146	40.00	3,810.80	10/07/09	10/20/09																																																
CXI 59180	Check & Approve Dwgs - CXI Spools	9	0	146	32.00	3,536.16	10/21/09	11/02/09																																																
CXI 59185	Generate Mfg Docs - CXI Bellows & Spools	20	0	176	80.00	9,592.80	11/03/09	12/02/09																																																
03 Procurement																																																								
CXI 09260	Prep Bid Pkg & App - CXI Bellows Welded Parts	25	0	168	0.00	0.00	09/30/09	11/03/09																																																
CXI 09280	AWARD: PO - Welded CXI Bellows Parts	1	0	168	21,473.00	23,405.57	11/04/09	11/04/09																																																
CXI 09300	Vendor Effort - Welded Bellows Parts	30	0	168	21,473.00	23,405.57	11/05/09	12/18/09																																																
CXI 09340	RCV: CXI Bellows Welded Parts	0	0	168	0.00	0.00		12/18/09																																																
CXI 60500	Prep Bid Pkg & App - CXI Spools	30	0	146	0.00	0.00	11/03/09	12/16/09																																																
CXI 60520	AWARD: PO - CXI Spools All Parts	1	0	146	19,091.00	20,809.19	12/17/09	12/17/09																																																
CXI 60540	Vendor Effort - CXI Spools All Parts	20	0	146	19,091.00	20,809.19	12/18/09	01/28/10																																																
CXI 60580	RCV: CXI Spools All Parts	0	0	146	0.00	0.00		01/28/10																																																
05 Fab / Assembly																																																								
CXI 09350	Inspect Procured Parts - CXI Bellows	2	0	168	16.00	1,609.44	01/04/10	01/05/10																																																
CXI 09360	Submit Shop Orders - CXI Bellows	1	0	181	8.00	959.28	12/03/09	12/03/09																																																
CXI 09370	Process MFD Inputs - CXI Bellows	10	0	168	40.00	4,958.00	01/06/10	01/19/10																																																
CXI 09380	Machining Processes - CXI Bellows	8	0	168	40.00	4,958.00	01/20/10	01/29/10																																																
CXI 09390	Welding - CXI Bellows	10	0	168	40.00	4,958.00	02/01/10	02/12/10																																																
CXI 09430	Inspect Fab Parts - CXI Bellows	3	0	168	16.00	1,983.20	02/15/10	02/17/10																																																
CXI 09435	Clean Fire - CXI Bellows	10	0	168	6,000.00	6,540.00	02/18/10	03/03/10																																																
CXI 09440	Vacuum Process - CXI Bellows	4	0	168	16.00	1,609.44	03/04/10	03/09/10																																																
CXI 09480	AVAIL: CXI Bellows Ready For Installation	0	0	168	0.00	0.00		03/09/10																																																
CXI 60600	Inspect Procured Parts - CXI Spools Parts	2	0	194	16.00	1,609.44	01/29/10	02/01/10																																																
CXI 60603	Submit Shop Orders - CXI Spools	1	0	176	8.00	959.28	12/03/09	12/03/09																																																
CXI 60605	Process MFD Input - CXI Spools Fab Parts	10	0	146	40.00	4,958.00	01/29/10	02/11/10																																																

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12																																																																																							
									D				J				F				M				A				M				J				J				A				S				O				N				D				J				F				M				A				M				J				J				A				S				O				N				D				J				F				M				A				M				J			
CXI 60625	Machining Processes - CXI Spools	10	0	146	40.00	4,958.00	02/12/10	02/25/10													▲ Machining Processes - CXI Spools																																																																																																															
CXI 60627	Welding - CXI Spools	10	0	146	40.00	4,958.00	02/26/10	03/11/10													▲ Welding - CXI Spools																																																																																																															
CXI 60629	Inspect Fab Parts - CXI Spools	4	0	146	16.00	1,609.44	03/12/10	03/17/10													▲ Inspect Fab Parts - CXI Spools																																																																																																															
CXI 60631	Clean - CXI Spools	4	0	146	24.00	4,765.68	03/18/10	03/23/10													▲ Clean - CXI Spools																																																																																																															
CXI 60632	Assemble - CXI Spools	4	0	146	24.00	4,765.68	03/24/10	03/29/10													▲ Assemble - CXI Spools																																																																																																															
CXI 60633	Vacuum Process - CXI Spools	8	0	146	40.00	4,023.60	03/30/10	04/08/10													▲ Vacuum Process - CXI Spools																																																																																																															
CXI 60720	AVAIL: CXI Spools Ready For Installation	0	0	146	0.00	0.00		04/08/10													◆ AVAIL: CXI Spools Ready For Installation																																																																																																															
1.3.07.02.02 CXI Vacuum Supports																																																																																																																																				
02 Design / Engineering																																																																																																																																				
CXI 59285	Prelim Design - CXI Vacuum Supports	30	0	2	184.00	20,708.83	09/23/09	11/03/09													▲▲ Prelim Design - CXI Vacuum Supports																																																																																																															
CXI 59287	Prelim Engr Analysis - CXI Vacuum Supports	20	0	2	80.00	9,592.80	11/04/09	12/03/09													▲▲ Prelim Engr Analysis - CXI Vacuum Supports																																																																																																															
CXI 59288	Prelim Design - Optics Stands	8	0	34	40.00	4,406.00	09/23/09	10/02/09													▲ Prelim Design - Optics Stands																																																																																																															
CXI 59289	Prelim Engr Analysis - Optics Stands	10	0	34	40.00	4,796.40	10/05/09	10/16/09													▲ Prelim Engr Analysis - Optics Stands																																																																																																															
CXI 59340	Final Engr Analysis - CXI Vacuum Supports	8	0	2	40.00	4,796.40	12/04/09	12/15/09													▲▲ Final Engr Analysis - CXI Vacuum Supports																																																																																																															
CXI 59350	Final Design - CXI Vacuum Supports	10	0	16	68.00	7,712.56	12/16/09	01/12/10													▲▲ Final Design - CXI Vacuum Supports																																																																																																															
CXI 59360	Generate Detail Drawings - CXI Vacuum Supports	30	0	16	225.00	21,435.75	01/13/10	02/23/10													▲▲ Generate Detail Drawings - CXI Vacuum Supports																																																																																																															
CXI 59370	Prep for FDR - CXI Vacuum Supports	6	0	16	50.00	5,735.90	02/24/10	03/03/10													▲▲ Prep for FDR - CXI Vacuum Supports																																																																																																															
CXI 59375	Final Engr Analysis - Optics Stands	5	0	67	20.00	2,398.20	10/19/09	10/23/09													▲ Final Engr Analysis - Optics Stands																																																																																																															
CXI 59380	Final Design - Optics Stands	4	0	67	16.00	1,814.72	10/26/09	10/29/09													▲ Final Design - Optics Stands																																																																																																															
CXI 59385	Generate Detail Dwgs-Optics Stands	20	0	67	120.00	11,432.40	10/30/09	11/30/09													▲▲ Generate Detail Dwgs-Optics Stands																																																																																																															
CXI 59390	FDR - Final Design Review - Vacuum Supports	1	0	2	8.00	933.32	03/24/10	03/24/10													▲ FDR - Final Design Review - Vacuum Supports																																																																																																															
CXI 59410	Incorp FDR Changes - Supports & Stands	5	0	2	16.00	1,524.32	03/25/10	03/31/10													▲▲ Incorp FDR Changes - Supports & Stands																																																																																																															
CXI 59412	Prep for Seismic Review - CXi Vacuum Supports	10	0	2	24.00	2,877.84	12/16/09	01/12/10													▲▲ Prep for Seismic Review - CXi Vacuum Supports																																																																																																															
CXI 59414	Seismic Peer Review - CXI Vacuum Supt	20	0	2	20.00	2,398.20	01/13/10	02/09/10													▲▲ Seismic Peer Review - CXI Vacuum Supt																																																																																																															
CXI 59416	Seismic Review Approval - CXI Vacuum Supt	1	0	2	4.00	479.64	02/10/10	02/10/10													▲ Seismic Review Approval - CXI Vacuum Supt																																																																																																															
CXI 59418	COMP: Committee Approval - CXI Vacuum Support	0	0	2	0.00	0.00		03/24/10													◆ COMP: Committee Approval - CXI Vacuum Support																																																																																																															
CXI 59420	Check & Approve Dwgs - CXI Vacuum Supts & Stands	9	0	2	276.00	30,499.38	04/01/10	04/13/10													▲▲ Check & Approve Dwgs - CXI Vacuum Supts & Stands																																																																																																															
03 Procurement																																																																																																																																				
CXI 60900	Prep Bid Pkg & App - CXI Vacuum Supports & Stand	30	0	42	0.00	0.00	04/14/10	05/25/10													▲▲ Prep Bid Pkg & App - CXI Vacuum Supports & Stand																																																																																																															
CXI 60920	AWARD: PO - CXI Vacuum Supports & Stand	1	0	42	45,911.00	50,042.99	05/26/10	05/26/10													▲ AWARD: PO - CXI Vacuum Supports & Stand																																																																																																															
CXI 60940	Vendor Effort - CXI Vacuum Supports & Stand	20	0	42	45,911.00	50,042.99	05/27/10	06/23/10													▲▲ Vendor Effort - CXI Vacuum Supports & Stand																																																																																																															
CXI 60960	RCV: CXI Vacuum Supports & Stand	0	0	42	0.00	0.00		06/23/10													◆ RCV: CXI Vacuum Supports & Stand																																																																																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
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05 Fab / Assembly																																																								
CXI 60980	Inspect Procured Parts - CXI Vacuum Support	3	0	42	20.00	2,011.80	06/24/10	06/28/10	▲ Inspect Procured Parts - CXI Vacuum Support																																															
CXI 60990	Submit Shop Orders - CXI Vacuum Supports	1	0	2	8.00	959.28	04/14/10	04/14/10	▲ Submit Shop Orders - CXI Vacuum Supports																																															
CXI 61000	Process MFD Input - CXI Vacuum Support Fab Parts	10	0	2	40.00	4,958.00	04/15/10	04/28/10	▲ Process MFD Input - CXI Vacuum Support Fab Parts																																															
CXI 61020	Machining Processes - CXI Vacuum Supports	40	0	2	200.00	24,790.00	04/29/10	06/23/10	▲ Machining Processes - CXI Vacuum Supports																																															
CXI 61030	Welding - CXI Vacuum Supports	40	0	2	200.00	24,790.00	06/24/10	08/18/10	▲ Welding - CXI Vacuum Supports																																															
CXI 61060	Inspect Fab Parts - CXI Vacuum Supports	3	0	2	20.00	2,011.80	08/19/10	08/23/10	▲ Inspect Fab Parts - CXI Vacuum Supports																																															
CXI 61070	Assemble - CXI Vacuum Supports	20	0	2	80.00	8,047.20	08/24/10	09/20/10	▲ Assemble - CXI Vacuum Supports																																															
CXI 61140	AVAIL: CXI Vac Supts & Stands Ready For Install	0	0	2	0.00	0.00		09/20/10	◆ AVAIL: CXI Vac Supts & Stands Ready For Install																																															
1.3.08.01 CXI Installation Phase																																																								
07 Installation																																																								
CXI 09735	Prep Bid Pkg & App-Early Science Inst Contracts	100	0	603	80.00	9,034.30	08/28/09	02/01/10	▲ Prep Bid Pkg & App-Early Science Inst Contracts																																															
CXI 09737	AWARD: Early Science Installation Contracts	0	0	603	0.00	0.00	02/02/10	02/01/10	▲ AWARD: Early Science Installation Contracts																																															
CXI 09740	START: CXI Early Science Installation	0	0	94	0.00	0.00	02/02/10		◆ START: CXI Early Science Installation																																															
CXI 09760	REQD: CXI Beamline Assembly/Installation Drawing	0	0	673	0.00	0.00		08/27/09	◆ REQD: CXI Beamline Assembly/Installation Drawing																																															
CXI 09860	Prep for Installation Readiness Review- CXI Inst	10	0	673	120.00	11,986.80	08/28/09	09/10/09	▲ Prep for Installation Readiness Review- CXI Inst																																															
CXI 09880	Installation Readiness Review - CXI Instrument	0	0	673	0.00	0.00		09/10/09	◆ Installation Readiness Review - CXI Instrument																																															
CXI 09900	Prep For CXI Installation Work Planning Review	20	0	673	80.00	9,334.08	09/11/09	10/08/09	▲ Prep For CXI Installation Work Planning Review																																															
CXI 09920	CXI Installation Work Planning Review	0	0	603	0.00	0.00		02/01/10	◆ CXI Installation Work Planning Review																																															
CXI 09970	Engineering Installation Oversight-CXI Early Sci	339*	0	-17	1,332.27	162,877.40	02/02/10	06/07/11	▲ Engineering Installation Oversight-CXI Early Sci																																															
CXI 09975	Inst Project Mgr Oversight - CXI Early Science	339*	0	-17	179.67	20,879.98	02/02/10	06/07/11	▲ Inst Project Mgr Oversight - CXI Early Science																																															
CXI 09980	REQD: FEH H5 Certificate of Beneficial Occupancy	0	0	94	0.00	0.00		02/01/10*	◆ REQD: FEH H5 Certificate of Beneficial Occupancy																																															
CXI 09985	REQD: Access to XRT	0	0	94	0.00	0.00		02/01/10	◆ REQD: Access to XRT																																															
CXI 09990	REQD: All Utilities/Electrical Hardware	0	0	1	0.00	0.00		06/14/10	◆ REQD: All Utilities/Electrical Hardware																																															
CXI 10000	REQD: CXI Cables and Racks	0	0	16	0.00	0.00		05/24/10	◆ REQD: CXI Cables and Racks																																															
CXI 10003	Transport and Install CXI Cables and Racks	3	0	44	48.00	3,499.36	05/25/10	05/27/10	▲ Transport and Install CXI Cables and Racks																																															
CXI 10005	Prep Bid Pkg & App -Install Pwr to Racks & Eq H5	30	0	116	0.00	0.00	01/05/10	02/15/10	▲ Prep Bid Pkg & App -Install Pwr to Racks & Eq H5																																															
CXI 10010	AWARD: PO - CXI - Install Pwr to Racks & Eq H5	1	0	116	22,874.49	24,933.19	02/16/10	02/16/10	▲ AWARD: PO - CXI - Install Pwr to Racks & Eq H5																																															
CXI 10015	Vendor Effort - Install Pwr to Racks & Equip, H5	30	0	44	22,934.49	31,771.99	05/28/10	07/08/10	▲ Vendor Effort - Install Pwr to Racks & Equip, H5																																															
CXI 10020	COMP: Install CXI Power to Racks & Equipment, H5	0	0	44	0.00	0.00		07/08/10	◆ COMP: Install CXI Power to Racks & Equipment, H5																																															
CXI 10058	Install CXI Cable Trays	8	0	1	160.00	16,616.00	06/15/10	06/24/10	▲ Install CXI Cable Trays																																															
CXI 10059	Install controls/interlocks in XRT/FEH H5	25	0	1	360.00	28,016.40	06/25/10	07/29/10	▲ Install controls/interlocks in XRT/FEH H5																																															
CXI 10060	Install Compress Gases/H2O Distribut in FEH H5	20	0	1	444.00	44,661.96	07/30/10	08/26/10	▲ Install Compress Gases/H2O Distribut in FEH H5																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
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CXI 10070	Install H20 to Racks	8	0	1	112.00	11,138.40	08/27/10	09/07/10																									▲▲ Install H20 to Racks																							
CXI 10120	Test Power/Compressed Gases/Water	10	0	1	72.00	7,346.80	09/08/10	09/21/10																									▲▲ Test Power/Compressed Gases/Water																							
CXI 10130	Pre-installation survey/marketing of FEH H5	15	0	94	240.00	20,688.00	02/02/10	02/22/10																									▲▲ Pre-installation survey/marketing of FEH H5																							
CXI 10140	Install FEH H5 floor anchors	15	0	94	390.00	32,421.00	02/23/10	03/15/10																									▲▲ Install FEH H5 floor anchors																							
CXI 10150	START: XRT Diag/Cm. Optics Install	0	0	1	0.00	0.00	09/22/10																										◆ START: XRT Diag/Cm. Optics Install																							
CXI 10155	REQD: CXI Vacuum Support Stands	0	0	2	0.00	0.00		09/20/10																									◆ REQD: CXI Vacuum Support Stands																							
CXI 10160	Install Support Stands in XRT	10	0	1	180.00	18,594.32	09/22/10	10/05/10																									▲▲ Install Support Stands in XRT																							
CXI 10165	Grout XRT Support Stands	15	0	1	270.00	23,542.12	09/29/10	10/19/10																									▲▲ Grout XRT Support Stands																							
CXI 10170	REQD: Reference Laser	0	0	96	0.00	0.00		06/08/10																									◆ REQD: Reference Laser																							
CXI 10175	Bleed Up XRT Vac Section	2	0	52	16.00	1,609.44	08/05/10	08/06/10																									▲▲ Bleed Up XRT Vac Section																							
CXI 10180	Disassemble XRT Transport Tube	3	0	52	48.00	4,828.32	08/09/10	08/11/10																									▲▲ Disassemble XRT Transport Tube																							
CXI 10185	REQD: XRT Diagnostics & Common Optics	0	0	52	0.00	0.00		08/04/10																									◆ REQD: XRT Diagnostics & Common Optics																							
CXI 10190	Transport/Rigging/Staging of XRT Diag/Cm. Optics	2	0	1	32.00	2,856.32	10/20/10	10/21/10																									▲▲ Transport/Rigging/Staging of XRT Diag/Cm. Optics																							
CXI 10195	Install XRT Diag & Common Optics	3	0	1	32.00	3,347.52	10/22/10	10/26/10																									▲▲ Install XRT Diag & Common Optics																							
CXI 10200	Preliminary Alignment - XRT Diag/Cm. Optics	2	0	1	48.00	4,302.72	10/27/10	10/28/10																									▲▲ Preliminary Alignment - XRT Diag/Cm. Optics																							
CXI 10235	REQD: All CXI Vac Eq/Bellows/Spools for Install	0	0	146	0.00	0.00		04/08/10																									◆ REQD: All CXI Vac Eq/Bellows/Spools for Install																							
CXI 10240	Complete XRT Vacuum Connections	5	0	1	80.00	8,368.80	10/29/10	11/04/10																									▲▲ Complete XRT Vacuum Connections																							
CXI 10250	Install XRT Vacuum Equipment	3	0	1	48.00	5,021.28	11/05/10	11/09/10																									▲▲ Install XRT Vacuum Equipment																							
CXI 10260	Pump & Leak Check XRT	3	0	1	48.00	5,021.28	11/10/10	11/12/10																									▲▲ Pump & Leak Check XRT																							
CXI 10270	Final XRT Alignment	3	0	1	48.00	4,302.72	11/15/10	11/17/10																									▲▲ Final XRT Alignment																							
CXI 10285	Connect XRT Power/Ctrls/Intrcks/Comp. Gases	5	0	1	96.00	7,200.96	11/18/10	11/24/10																									▲▲ Connect XRT Power/Ctrls/Intrcks/Comp. Gases																							
CXI 10295	XRT Diag/Cm Optics Ctrls/Interlocks Checks	10	0	1	160.00	11,054.40	11/29/10	12/10/10																									▲▲ XRT Diag/Cm Optics Ctrls/Interlocks Checks																							
CXI 10300	XRT Diag/Cm Optics Functional Checks	3	0	1	72.00	5,826.96	12/13/10	12/15/10																									▲▲ XRT Diag/Cm Optics Functional Checks																							
CXI 10303	Install Local XRT Radiation Shielding	5	0	1	80.00	8,368.80	12/16/10	01/05/11																									▲▲ Install Local XRT Radiation Shielding																							
CXI 10305	XRT Ready For Connection to FEH H5 Vac.	0	0	1	0.00	0.00		01/05/11																									◆ XRT Ready For Connection to FEH H5 Vac.																							
CXI 10310	REQD: CXI Hutch 5 Racks & Cables Installed	0	0	134	0.00	0.00		06/16/10																									◆ REQD: CXI Hutch 5 Racks & Cables Installed																							
CXI 10315	START: FEH H5 Diag/Common Optics Install	0	0	1	0.00	0.00	01/06/11																										◆ START: FEH H5 Diag/Common Optics Install																							
CXI 10325	Install FEH H5 Vacuum Support Stands	3	0	1	54.00	5,732.52	01/06/11	01/10/11																									▲▲ Install FEH H5 Vacuum Support Stands																							
CXI 10335	Grout FEH H5 Support Stands	2	0	1	36.00	3,155.12	01/11/11	01/12/11																									▲▲ Grout FEH H5 Support Stands																							
CXI 10340	REQD: FEH H5 Diagnostics & Common Optics	0	0	105	0.00	0.00		08/03/10																									◆ REQD: FEH H5 Diagnostics & Common Optics																							
CXI 10345	Transport/Rigging/Staging FEH H5 Diag/Cm Optics	2	0	1	32.00	2,856.32	01/13/11	01/14/11																									▲▲ Transport/Rigging/Staging FEH H5 Diag/Cm Optics																							
CXI 10365	Install FEH H5 Diag/Common Optics	2	0	1	32.00	3,347.52	01/17/11	01/18/11																									▲▲ Install FEH H5 Diag/Common Optics																							

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12																																																																																							
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CXI 10375	Preliminary Alignment - FEH H5 Diag/Comm Optics	2	0	1	32.00	2,868.48	01/19/11	01/20/11																									✔ Preliminary Alignment - FEH H5 Diag/Comm Optics																																																																																																			
CXI 10385	Connect FEH H5 Power/Ctrls/Interlocks	2	0	1	32.00	2,210.88	01/21/11	01/24/11																									✔ Connect FEH H5 Power/Ctrls/Interlocks																																																																																																			
CXI 10395	FEH H5 Controls/Interlocks Checks	3	0	1	48.00	3,316.32	01/25/11	01/27/11																									✔ FEH H5 Controls/Interlocks Checks																																																																																																			
CXI 10400	Functional Checks - FEH H5 Diag/Cm Optics	3	0	1	72.00	5,826.96	01/28/11	02/01/11																									✔ Functional Checks - FEH H5 Diag/Cm Optics																																																																																																			
CXI 10405	Ready For Connection to CXI 1.0um KB Mirror Syst	0	0	1	0.00	0.00		02/01/11																									◆ Ready For Connection to CXI 1.0um KB Mirror Syst																																																																																																			
CXI 10410	START: CXI 1.0um KB Install	0	0	1	0.00	0.00	02/02/11																										◆ START: CXI 1.0um KB Install																																																																																																			
CXI 10413	REQD: CXI 1.0um KB Mirror System	0	0	-17	0.00	0.00		02/25/11																									◆ REQD: CXI 1.0um KB Mirror System																																																																																																			
CXI 10415	Transport CXI 1.0um KB Mirror System	1	0	-17	16.00	1,428.16	02/28/11	02/28/11																									✘ Transport CXI 1.0um KB Mirror System																																																																																																			
CXI 10420	Install CXI 1.0um KB with Vendor Support	10	0	-17	90.00	9,554.20	03/01/11	03/14/11																									✘ Install CXI 1.0um KB with Vendor Support																																																																																																			
CXI 10430	Connect CXI 1.0um KB to FEH H5 Diag/Cm Optics	2	0	-17	32.00	3,347.52	03/15/11	03/16/11																									✘ Connect CXI 1.0um KB to FEH H5 Diag/Cm Optics																																																																																																			
CXI 10433	Preliminary Alignment - CXI 1.0um KB	2	0	-17	32.00	2,868.48	03/17/11	03/18/11																									✘ Preliminary Alignment - CXI 1.0um KB																																																																																																			
CXI 10435	Pump & Leak Check	2	0	-17	32.00	3,347.52	03/21/11	03/22/11																									✘ Pump & Leak Check																																																																																																			
CXI 10445	Final Alignment of CXI 1.0um KB	2	0	-17	16.00	1,434.24	03/23/11	03/24/11																									✘ Final Alignment of CXI 1.0um KB																																																																																																			
CXI 10450	REQD: CXI Valve Controls HW & SW	0	0	72	0.00	0.00		11/03/10																									◆ REQD: CXI Valve Controls HW & SW																																																																																																			
CXI 10451	REQD: CXI Vacuum Controls HW & SW	0	0	27	0.00	0.00		01/21/11																									◆ REQD: CXI Vacuum Controls HW & SW																																																																																																			
CXI 10453	Connect Power/Ctrls/Interlocks	3	0	-17	48.00	3,316.32	03/25/11	03/29/11																									✘ Connect Power/Ctrls/Interlocks																																																																																																			
CXI 10455	Controls/Interlocks Checks	5	0	-17	48.00	3,316.32	03/30/11	04/05/11																									✘ Controls/Interlocks Checks																																																																																																			
CXI 10460	Functional Checks - 1um KB w/ Vendor	10	0	-17	80.00	6,948.00	04/06/11	04/19/11																									✘ Functional Checks - 1um KB w/ Vendor																																																																																																			
CXI 10465	CXI 1.0um KB Ready For Connection to SC	0	0	-17	0.00	0.00		04/19/11																									◆ CXI 1.0um KB Ready For Connection to SC																																																																																																			
CXI 10468	Assemble Thermal Enclosure - CXI KB 1 Sys	5	0	-17	104.00	10,026.96	04/20/11	04/26/11																									✘ Assemble Thermal Enclosure - CXI KB 1 Sys																																																																																																			
CXI 10471	REQD: CXI 1.0um SC	0	0	16	0.00	0.00		02/07/11																									◆ REQD: CXI 1.0um SC																																																																																																			
CXI 10472	REQD: CXI 1.0um Precision Instrument Stand	0	0	205	0.00	0.00		04/30/10																									◆ REQD: CXI 1.0um Precision Instrument Stand																																																																																																			
CXI 10473	REQD: Detector Stage	0	0	85	0.00	0.00		10/15/10																									◆ REQD: Detector Stage																																																																																																			
CXI 10475	Trans 1.0um SC/Prec Inst Std/Det Stg For Install	2	0	16	32.00	2,856.32	02/08/11	02/09/11																									✔ Trans 1.0um SC/Prec Inst Std/Det Stg For Install																																																																																																			
CXI 10480	Install CXI 1.0um Precision Instrument Stand	1	0	16	16.00	1,673.76	02/10/11	02/10/11																									✔ Install CXI 1.0um Precision Instrument Stand																																																																																																			
CXI 10485	Preliminary Alignment - CXI 1.0um Prec Instr Std	2	0	16	32.00	2,868.48	02/11/11	02/14/11																									✔ Preliminary Alignment - CXI 1.0um Prec Instr Std																																																																																																			
CXI 10490	Grout CXI 1.0um Precision Instrument Std	1	0	16	18.00	1,577.56	02/15/11	02/15/11																									✔ Grout CXI 1.0um Precision Instrument Std																																																																																																			
CXI 10492	Install CXI 1.0um SC	5	0	16	80.00	8,368.80	02/16/11	02/22/11																									✔ Install CXI 1.0um SC																																																																																																			
CXI 10600	REQD: Injector RFI	0	0	105	0.00	0.00		06/13/11																									◆ REQD: Injector RFI																																																																																																			
CXI 10610	REQD: Particle Injector Controls	0	0	206	0.00	0.00		01/21/11																									◆ REQD: Particle Injector Controls																																																																																																			
CXI 10650	Preliminary Alignment - CXI 1.0um SC	2	0	16	32.00	2,868.48	02/23/11	02/24/11																									✔ Preliminary Alignment - CXI 1.0um SC																																																																																																			
CXI 10660	Install Detector Stage	2	0	16	32.00	2,779.20	02/25/11	02/28/11																									✔ Install Detector Stage																																																																																																			

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12																																																																																							
									D				J				F				M				A				M				J				J				A				S				O				N				D				J				F				M				A				M				J				J				A				S				O				N				D				J				F				M				A				M				J			
CXI 10670	Compl. Vac Connects 1.0um SC to Diag/Comm Optic	2	0	18	32.00	3,347.52	02/25/11	02/28/11																									✔ Compl. Vac Connects 1.0um SC to Diag/Comm Optic																																																																																																			
CXI 10700	Compl. Vacuum Connects 1.0um SC to Detector Stg	2	0	16	32.00	3,347.52	03/01/11	03/02/11																									✔ Compl. Vacuum Connects 1.0um SC to Detector Stg																																																																																																			
CXI 10710	Pump & Leak Check	3	0	16	48.00	5,021.28	03/03/11	03/07/11																									✔ Pump & Leak Check																																																																																																			
CXI 10720	Final Alignment	3	0	16	48.00	4,302.72	03/08/11	03/10/11																									✔ Final Alignment																																																																																																			
CXI 10730	Connect Power/Ctrls/Interlocks - CXI KB1 System	10	0	-17	160.00	13,896.00	04/27/11	05/10/11																									✘ Connect Power/Ctrls/Interlocks - CXI KB1 System																																																																																																			
CXI 10740	REQD: FEH Controls HW/SW Ready for ES Ops	0	0	26	0.00	0.00		03/10/11																									◆ REQD: FEH Controls HW/SW Ready for ES Ops																																																																																																			
CXI 10750	Controls/Interlocks Checks - CXI KB1 System	10	0	-17	160.00	11,054.40	05/11/11	05/24/11																									✘ Controls/Interlocks Checks - CXI KB1 System																																																																																																			
CXI 10760	Functional Checks - CXI 1.0um SC	10	0	-17	320.00	33,475.20	05/25/11	06/07/11																									✘ Functional Checks - CXI 1.0um SC																																																																																																			
CXI 10770	Functional Checks - Detector Stage	10	0	-17	136.00	14,260.96	05/25/11	06/07/11																									✘ Functional Checks - Detector Stage																																																																																																			
CXI 10790	CXI 1.0um SC & Detector Ready for Operations	0	0	-17	0.00	0.00		06/07/11																									◆ CXI 1.0um SC & Detector Ready for Operations																																																																																																			
CXI 10800	COMP: CXI Early Science Installation Complete	0	0	-17	0.00	0.00		06/07/11																									◆ COMP: CXI Early Science Installation Complete																																																																																																			
CXI 20000	Prep Bid Pkg & App -Final Installation Contracts	100	0	335	80.00	9,464.96	09/24/10	02/28/11																									✔ Prep Bid Pkg & App -Final Installation Contracts																																																																																																			
CXI 20010	START: CXI Final Installation	0	0	103	0.00	0.00	03/01/11																										◆ START: CXI Final Installation																																																																																																			
CXI 20020	Engineering Installation Oversight - CXI CD-4	114*	0	95	404.54	50,446.14	03/01/11	08/05/11																									✔ Engineering Installation Oversight - CXI CD-4																																																																																																			
CXI 20030	Installation Project Mgr Oversight - CXI CD-4	114*	0	95	179.67	21,298.08	03/01/11	08/05/11																									✔ Installation Project Mgr Oversight - CXI CD-4																																																																																																			
CXI 21000	START: Final FEH H5 Installation	0	0	103	0.00	0.00		02/28/11																									◆ START: Final FEH H5 Installation																																																																																																			
CXI 21010	REQD: Access to CXI Beamline FEH H5 Installation	0	0	103	0.00	0.00		02/28/11																									◆ REQD: Access to CXI Beamline FEH H5 Installation																																																																																																			
CXI 21030	REQD: FEH H5 Diagnostics & Common Optics	0	0	301	0.00	0.00		08/04/10																									◆ REQD: FEH H5 Diagnostics & Common Optics																																																																																																			
CXI 21040	REQD: CXI KB 0.1um Mirror System	0	0	165	0.00	0.00		02/28/11																									◆ REQD: CXI KB 0.1um Mirror System																																																																																																			
CXI 21050	REQD: CXI 0.1um SC	0	0	95	0.00	0.00		06/06/11																									◆ REQD: CXI 0.1um SC																																																																																																			
CXI 22060	Bleed Up FEH H5 Vacuum	2	0	103	32.00	3,347.52	03/01/11	03/02/11																									✔ Bleed Up FEH H5 Vacuum																																																																																																			
CXI 22070	Disconnect Air/Water/Power/Ctrls/Interlocks	2	0	103	32.00	2,665.54	03/01/11	03/02/11																									✔ Disconnect Air/Water/Power/Ctrls/Interlocks																																																																																																			
CXI 22080	Disconnect CXI Particle Injctr from CXI 1.0um SC	1	0	105	8.00	836.88	03/03/11	03/03/11																									✔ Disconnect CXI Particle Injctr from CXI 1.0um SC																																																																																																			
CXI 22090	Disconnect Det Stg & CXI 1.0 um SC	1	0	103	16.00	1,550.96	03/07/11	03/07/11																									✔ Disconnect Det Stg & CXI 1.0 um SC																																																																																																			
CXI 22100	Remove Vac. Sections & Assoc. Vac. HW	2	0	103	32.00	3,347.52	03/03/11	03/04/11																									✔ Remove Vac. Sections & Assoc. Vac. HW																																																																																																			
CXI 22102	Disassemble Beamline Radiation Shielding	3	0	117	48.00	5,021.28	06/08/11	06/10/11																									✔ Disassemble Beamline Radiation Shielding																																																																																																			
CXI 22103	Disassemble Beamline For 0.1um KB/SC/Std	5	0	117	80.00	8,368.80	06/13/11	06/17/11																									✔ Disassemble Beamline For 0.1um KB/SC/Std																																																																																																			
CXI 22104	Install FEH H5 Diagnostics	3	0	117	48.00	5,021.28	06/20/11	06/22/11																									✔ Install FEH H5 Diagnostics																																																																																																			
CXI 22120	Transport & Stage 0.1um KB/SC/Std to FEH H5	1	0	95	16.00	1,428.16	06/07/11	06/07/11																									✔ Transport & Stage 0.1um KB/SC/Std to FEH H5																																																																																																			
CXI 23032	Pre-installation survey/marketing of FEH H5	3	0	325	48.00	4,302.72	03/08/11	03/10/11																									✔ Pre-installation survey/marketing of FEH H5																																																																																																			
CXI 23034	Install FEH H5 floor anchors	2	0	325	52.00	4,495.60	03/11/11	03/14/11																									✔ Install FEH H5 floor anchors																																																																																																			
CXI 23040	Install CXI 0.1um System (Vendor Effort)	10	0	95	130.00	12,317.80	06/08/11	06/21/11																									✔ Install CXI 0.1um System (Vendor Effort)																																																																																																			

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
XCS1401009	Apr08 through Sep08 Plan Adjustment	21	100		243,376.51	243,376.51	09/01/08A	09/30/08A																																																
XCS1401010	XCS Physics Support FY09-Q1 & Q2	118	100		254.00	33,233.36	10/01/08A	03/31/09A	XCS Physics Support FY09-Q1 & Q2																																															
XCS1401012	XCS Physics Support FY09-Q3 & Q4	131*	0	126	254.00	33,233.36	04/01/09A	09/30/09	XCS Physics Support FY09-Q3 & Q4																																															
XCS1401015	XCS Physics Support FY10	249	0	126	508.00	69,128.64	10/01/09	09/30/10	XCS Physics Support FY10																																															
XCS1401020	XCS Physics Support FY11	249	0	126	508.00	71,892.16	10/01/10	09/30/11	XCS Physics Support FY11																																															
XCS1401025	XCS Physics Support FY12	55	0	126	120.45	17,729.04	10/03/11	12/23/11	XCS Physics Support FY12																																															
XCS1401030	XCS Engr Integration & Spt FY08-Q3 & Q4	87	100		0.00	0.00	06/02/08A	09/30/08A																																																
XCS1401035	XCS Engr Integration & Support FY09-Q1 & Q2	118	100		437.00	50,381.73	10/01/08A	03/31/09A	XCS Engr Integration & Support FY09-Q1 & Q2																																															
XCS1401037	XCS Engr Integration & Support FY09-Q3 & Q4	131*	0	126	437.00	50,381.73	04/01/09A	09/30/09	XCS Engr Integration & Support FY09-Q3 & Q4																																															
XCS1401040	XCS Engr Integration & Support FY10	249	0	126	874.00	104,801.34	10/01/09	09/30/10	XCS Engr Integration & Support FY10																																															
XCS1401045	XCS Engr Integration & Support FY11	249	0	126	874.00	108,987.80	10/01/10	09/30/11	XCS Engr Integration & Support FY11																																															
XCS1401050	XCS Engr Integration & Support FY12	55	0	126	55.00	7,132.95	10/03/11	12/23/11	XCS Engr Integration & Support FY12																																															
XCS1401055	Lab Supplies FY08-Q3 & Q4	87	100		0.00	0.00	06/02/08A	09/30/08A																																																
XCS1401060	Lab Supplies FY09-Q1 & Q2	118	100		5,000.00	5,350.00	10/01/08A	03/31/09A	Lab Supplies FY09-Q1 & Q2																																															
XCS1401062	Lab Supplies FY09-Q3 & Q4	131*	0	126	5,000.00	5,350.00	04/01/09A	09/30/09	Lab Supplies FY09-Q3 & Q4																																															
XCS1401065	Lab Supplies FY10	249	0	126	4,000.00	4,360.00	10/01/09	09/30/10	Lab Supplies FY10																																															
XCS1401070	Lab Supplies FY11	249	0	126	4,000.00	4,480.00	10/01/10	09/30/11	Lab Supplies FY11																																															
XCS1401075	Lab Supplies FY12	55	0	126	1,500.00	1,710.00	10/03/11	12/23/11	Lab Supplies FY12																																															
XCS1401085	XCS Vendor Visits FY09-Q1 & Q2	118	100		1,500.00	1,800.00	10/01/08A	03/31/09A	XCS Vendor Visits FY09-Q1 & Q2																																															
XCS1401087	XCS Vendor Visits FY09-Q3 & Q4	131*	0	126	1,500.00	1,800.00	04/01/09A	09/30/09	XCS Vendor Visits FY09-Q3 & Q4																																															
XCS1401090	XCS Vendor Visits FY10	249	0	126	3,000.00	3,690.00	10/01/09	09/30/10	XCS Vendor Visits FY10																																															
XCS1401095	XCS Vendor Visits FY11	249	0	126	3,000.00	3,780.00	10/01/10	09/30/11	XCS Vendor Visits FY11																																															
XCS1401100	XCS Vendor Visits FY12	55	0	126	1,500.00	1,920.00	10/03/11	12/23/11	XCS Vendor Visits FY12																																															
XCS1401103	Radiation Physics Support FY11 - XCS Instrument	249	0	126	657.00	92,978.64	10/01/10	09/30/11	Radiation Physics Support FY11 - XCS Instrument																																															
XCS1401105	Generate Radiation Physics Doc - XCS Instrument	20	0	260	40.00	4,922.60	07/15/09	08/11/09	Generate Radiation Physics Doc - XCS Instrument																																															
XCS1401110	Prep for Radiation Physics Review - XCS Instrum	20	0	260	50.00	6,231.00	08/12/09	09/08/09	Prep for Radiation Physics Review - XCS Instrum																																															
XCS1401115	XCS Design Support FY08-Q3 & Q4	87	100		0.00	0.00	06/02/08A	09/30/08A																																																
XCS1401120	XCS Design Support FY09-Q1 & Q2	118	100		249.00	21,518.58	10/01/08A	03/31/09A	XCS Design Support FY09-Q1 & Q2																																															
XCS1401122	XCS Design Support FY09-Q3 & Q4	131*	0	126	249.00	21,518.58	04/01/09A	09/30/09	XCS Design Support FY09-Q3 & Q4																																															
XCS1401125	XCS Design Support FY10	249	0	126	498.00	44,760.24	10/01/09	09/30/10	XCS Design Support FY10																																															
XCS1401130	XCS Design Support FY11	249	0	126	249.00	23,276.52	10/01/10	09/30/11	XCS Design Support FY11																																															
XCS1401135	XCS Design Support FY12	55	0	126	117.15	11,389.32	10/03/11	12/23/11	XCS Design Support FY12																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
XCS1401145	Prep for Prelim Instrument Design Review - XCS	40	100		0.00	0.00	06/02/08A	07/25/08A																																																
XCS1401150	PIDR - Prelim Instrument Design Review - XCS	1	100		0.00	0.00	07/28/08A	07/28/08A																																																
XCS1401151	COMP: Prelim Instrument Design Review - XCS	0	100		0.00	0.00		07/28/08A																																																
XCS1401152	REQD: Controls Design Ready for XCS FIDR	0	100		0.00	0.00		05/25/09A	◆ REQD: Controls Design Ready for XCS FIDR																																															
XCS1401153	REQD: DCO Design Ready for XCS FIDR	0	0	-2	0.00	0.00		06/15/09	◆ REQD: DCO Design Ready for XCS FIDR																																															
XCS1401154	REQD: XCS Component Design Ready for XCS FIDR	0	0	-1	0.00	0.00		06/12/09*	◆ REQD: XCS Component Design Ready for XCS FIDR																																															
XCS1401155	Prep for Final Instrument Design Review - XCS	20	0	-2	21.00	2,211.72	06/16/09	07/13/09	▲ Prep for Final Instrument Design Review - XCS																																															
XCS1401160	FIDR - Final Instrument Design Review - XCS	1	0	-2	21.00	2,211.72	07/14/09	07/14/09	✖ FIDR - Final Instrument Design Review - XCS																																															
XCS1401165	COMP: Final Instrument Design Review - XCS	0	0	-2	0.00	0.00		07/14/09	◆ COMP: Final Instrument Design Review - XCS																																															
XCS1410000	XCS Physics Support FY07	19	100		0.00	0.00	09/04/07A	09/28/07A																																																
XCS1410005	XCS Physics Support FY08-Q1 & Q2	121	100		109,119.00	109,119.00	10/01/07A	03/31/08A																																																
XCS1410010	XCS Physics Support FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
XCS1411000	Generate PRD - XCS	49	100		0.00	0.00	06/02/08A	07/25/08A																																																
XCS1411005	COMP: PRD Released - XCS System	0	100		0.00	0.00		07/25/08A																																																
XCS1411010	Generate ESD - XCS	45	100		0.00	0.00	08/15/08A	11/17/08A																																																
XCS1411015	COMP: XCS ESD Released	0	100		0.00	0.00		02/06/09A	◆ COMP: XCS ESD Released																																															
1.4.02.02 XCS Hutch Supports, Tables & Shielding																																																								
02 Design / Engineering																																																								
XCS1402700	START: XCS Hutch Supports, Tables & Shielding	0	100		0.00	0.00	03/30/09A		◆ START: XCS Hutch Supports, Tables & Shielding																																															
XCS1402705	REQD: Dsn Reqmts-XCS Hutch Spts, Tables&Shield	0	100		0.00	0.00	04/01/09A		◆ REQD: Dsn Reqmts-XCS Hutch Spts, Tables&Shield																																															
XCS1402710	Prelim Design & Analysis - Long Table	40	100		320.00	32,273.60	04/01/09A	05/29/09A	▲ Prelim Design & Analysis - Long Table																																															
XCS1402715	Prep for PDR - Long Table	15	100		50.00	5,475.80	05/18/09A	05/28/09A	▲ Prep for PDR - Long Table																																															
XCS1402720	PDR - Prelim Design Review - XCS Long Table	1	100		8.00	806.84	05/29/09A	05/29/09A	✖ PDR - Prelim Design Review - XCS Long Table																																															
XCS1402725	COMP: Prelim Design Review - XCS Long Table	0	100		0.00	0.00		05/29/09A	◆ COMP: Prelim Design Review - XCS Long Table																																															
XCS1402730	Final Design & Analysis Long Table	40	0	187	240.00	23,050.40	06/01/09	07/24/09	▲ Final Design & Analysis Long Table																																															
XCS1402735	Prep for FDR - Long Table	15	0	187	50.00	5,475.80	07/27/09	08/14/09	▲ Prep for FDR - Long Table																																															
XCS1402740	FDR - Final Dsn Review- XCS Long Table	1	0	187	8.00	806.84	08/17/09	08/17/09	✖ FDR - Final Dsn Review- XCS Long Table																																															
XCS1402745	COMP: Final Dsn Review- XCS Long Table	0	0	187	0.00	0.00		08/17/09	◆ COMP: Final Dsn Review- XCS Long Table																																															
XCS1402750	Detail Drawings & Spec - Long Table	40	0	187	160.00	13,937.92	08/18/09	10/12/09	▲ Detail Drawings & Spec - Long Table																																															
XCS1402755	Check & Release Dwgs - Long Table	20	0	187	80.00	7,190.40	10/13/09	11/09/09	▲ Check & Release Dwgs - Long Table																																															
03 Procurement																																																								
XCS1402760	Prep Bid Pkg & App - Long Table	30	0	187	32.00	3,837.12	11/10/09	01/06/10	▲ Prep Bid Pkg & App - Long Table																																															
XCS1402765	AWARD: PO - Fab XCS Long Table	1	0	187	76,880.00	83,799.20	01/07/10	01/07/10	✖ AWARD: PO - Fab XCS Long Table																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09					FY10					FY11					FY12						
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
XCS1402770	Vendor Fab - Long Table	30	0	187	76,880.00	83,799.20	01/08/10	02/18/10	▼ Vendor Fab - Long Table																					
XCS1402775	RCV: Long Table	0	0	187	0.00	0.00		02/18/10	◆ RCV: Long Table																					
05 Fab / Assembly																														
XCS1402780	Inspect Procured Parts - Diagnostics Raft	15	0	187	40.00	3,448.00	02/19/10	03/11/10	▼ Inspect Procured Parts - Diagnostics Raft																					
XCS1402785	Machine Jig Plate	10	0	187	40.00	4,837.60	03/12/10	03/25/10	▼ Machine Jig Plate																					
XCS1402790	Assemble - XCS Long Table Support	20	0	187	80.00	8,047.20	03/26/10	04/22/10	▼ Assemble - XCS Long Table Support																					
XCS1402795	Drill Granite	8	0	187	32.00	3,870.08	04/23/10	05/04/10	▼ Drill Granite																					
XCS1402800	Install Inserts	4	0	187	16.00	1,609.44	05/05/10	05/10/10	▼ Install Inserts																					
XCS1402895	AVAIL: XCS Hutch Spts, Table & Shielding	0	0	187	0.00	0.00		05/10/10	◆ AVAIL: XCS Hutch Spts, Table & Shielding																					
1.4.02.03 XCS Stoppers																														
02 Design / Engineering																														
XCS1402300	START: XCS Stoppers	1	100		0.00	0.00	03/02/09A	03/02/09A	▶ START: XCS Stoppers																					
XCS1402305	REQD: Design Reqmts - XCS Stoppers	0	100		0.00	0.00	03/07/09A		◆ REQD: Design Reqmts - XCS Stoppers																					
XCS1402310	Generate ESD - XCS Stoppers	20	100		40.00	4,611.60	03/02/09A	04/28/09A	▶ Generate ESD - XCS Stoppers																					
04 Subcontract																														
XCS1402420	Request Info on Commercial Stopper Mods	22	100		24.00	2,766.96	04/01/09A	04/30/09A	▶ Request Info on Commercial Stopper Mods																					
XCS1402430	Submit Purchase Requisition Stoppers (FOREIGN)	11	0	157	0.00	0.00	11/02/09*	11/16/09	▼ Submit Purchase Requisition Stoppers (FOREIGN)																					
XCS1402440	Competitive Bid - Stoppers (FOREIGN)	30	0	157	8.00	959.28	11/17/09	01/13/10	▼ Competitive Bid - Stoppers (FOREIGN)																					
XCS1402450	Eval & Selection Process - Stoppers (FOREIGN)	5	0	157	32.00	4,095.84	01/14/10	01/20/10	▼ Eval & Selection Process - Stoppers (FOREIGN)																					
XCS1402460	SLAC & DOE Purchasing Approval Cycle	30	0	157	8.00	959.28	01/21/10	03/03/10	▼ SLAC & DOE Purchasing Approval Cycle																					
XCS1402470	Vendor: Stoppers (FOREIGN)	100	0	157	60,000.00	65,400.00	03/04/10	07/21/10	▶ Vendor: Stoppers (FOREIGN)																					
XCS1402480	SLAC Oversight & Integration - Stoppers	100	0	157	120.00	11,986.80	03/04/10	07/21/10	▶ SLAC Oversight & Integration - Stoppers																					
XCS1402490	Vendor Site Visit - Stoppers	5	0	202	7,532.00	13,320.84	05/13/10	05/19/10	▼ Vendor Site Visit - Stoppers																					
XCS1402500	RCV: Stoppers	0	0	157	0.00	0.00		07/21/10	◆ RCV: Stoppers																					
XCS1402510	Inspect Stoppers	10	0	157	40.00	3,947.92	07/22/10	08/04/10	▼ Inspect Stoppers																					
XCS1402520	AWARD: XCS Stoppers	1	0	580	60,000.00	65,400.00	03/04/10	03/04/10	▶ AWARD: XCS Stoppers																					
06 Testing																														
XCS1402405	Vacuum Process - XCS Stoppers	20	0	157	24.00	2,414.16	08/05/10	09/01/10	▼ Vacuum Process - XCS Stoppers																					
XCS1402410	Testing - XCS PM	10	0	157	32.00	2,672.48	09/02/10	09/15/10	▼ Testing - XCS PM																					
XCS1402415	AVAIL: XCS Stoppers	0	0	157	0.00	0.00		09/15/10	◆ AVAIL: XCS Stoppers																					
1.4.03.01 Detector Support and Integration																														
02 Design / Engineering																														
BL 01090	July 2009 Detector Advisory Committee Review	0	0	1	0.00	0.00		06/11/09	◆ July 2009 Detector Advisory Committee Review																					
BL 01100	January 2010 Detector Advisory Committee Review	0	0	16	0.00	0.00		11/24/09	◆ January 2010 Detector Advisory Committee Review																					

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12												
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J						
BL 01130	Closeout Review	0	0	107	0.00	0.00		10/13/11																																																	◆ Closeout Review
BL 01820	XCS Prepare Documentation	60	0	264	0.00	0.00	05/03/10	07/23/10																																																	XCS Prepare Documentation
BL 01990	XCS Detector Management FY09	173	100		22.00	3,397.79	02/02/09A	03/31/09A																																																	XCS Detector Management FY09
BL 01992	XCS Detector Management FY09	131*	34	116	176.00	27,257.82	04/01/09A	09/30/09																																																	XCS Detector Management FY09
BL 02028	XCS MOU Technical Addendum FY10	43	0	116	0.00	0.00	08/03/09*	09/30/09																																																	XCS MOU Technical Addendum FY10
BL 02030	XCS Detector Management FY10	249	0	116	13,176.00	43,848.80	10/01/09	09/30/10																																																	XCS Detector Management FY10
BL 02058	XCS MOU Technical Addendum FY11	43	0	117	0.00	0.00	08/02/10*	09/29/10																																																	XCS MOU Technical Addendum FY11
BL 02060	XCS Detector Management FY11	249	0	116	10,152.00	37,329.52	10/01/10	09/30/11																																																	XCS Detector Management FY11
BL 02110	Start XCS Detector MOU	0	100		0.00	0.00	01/05/09A																																																		◆ Start XCS Detector MOU
BL 02178	Assemble XCS Detector Head	10	0	6	200.00	27,161.20	06/24/11	07/07/11																																																	Assemble XCS Detector Head
BL 02185	XCS Detector Functional Tests	20	0	6	176.00	21,371.52	07/08/11	08/04/11																																																	XCS Detector Functional Tests
BL 02190	XCS Detector Beam Tests	30	0	6	240.00	30,413.04	08/05/11	09/15/11																																																	XCS Detector Beam Tests
BL 02195	XCS Detector Calibration	20	0	6	160.00	23,190.72	09/16/11	10/13/11																																																	XCS Detector Calibration
BL 02197	XCS Completed - System Assembled & Tested at BNL	0	0	6	0.00	0.00		10/13/11																																																	XCS Completed - System Assembled & Tested at BNL ◆
BL 02200	XCS Detector System Delivery to SLAC	0	0	6	0.00	0.00		10/13/11																																																	XCS Detector System Delivery to SLAC ◆
BL 02205	XCS Detector System Commissioning at SLAC	40	0	67	320.00	41,380.48	10/14/11	12/15/11																																																	XCS Detector System Commissioning at SLAC
BL 02210	XCS Completed - System Commissioned SLAC	0	0	67	0.00	0.00		12/15/11																																																	XCS Completed - System Commissioned SLAC ◆
XCS1403000	XCS Detector Physicists Efforts FY10	249	0	126	498.00	67,767.84	10/01/09	09/30/10																																																	XCS Detector Physicists Efforts FY10
XCS1403010	XCS Detector Physicists Efforts FY11	249	0	126	498.00	70,476.96	10/01/10	09/30/11																																																	XCS Detector Physicists Efforts FY11
1.4.03.02 Detector Sensor																																																									
02 Design / Engineering																																																									
BL 01570	XCS Design masks for test pixels - Phase 1	120	70	6	1,280.00	186,423.70	02/02/09A	07/17/09																																																	XCS Design masks for test pixels - Phase 1
BL 01580	XCS Completed - Mask designs for test pixel	0	0	6	0.00	0.00		07/17/09																																																	◆ XCS Completed - Mask designs for test pixel
BL 01590	XCS Fabricate small test pixel arrays	200	0	6	34,401.00	362,827.36	07/20/09	05/11/10																																																	XCS Fabricate small test pixel arrays
BL 01600	XCS Completed - First test pixel fabricate	0	0	6	0.00	0.00		05/11/10																																																	◆ XCS Completed - First test pixel fabricate
BL 01610	XCS test & characterize small arrays	100	0	6	480.00	66,165.60	05/12/10	09/28/10																																																	XCS test & characterize small arrays
BL 01620	XCS Completed - Pixels fully tested	0	0	6	0.00	0.00		09/28/10																																																	◆ XCS Completed - Pixels fully tested
BL 01650	XCS Design finalized	0	0	187	0.00	0.00		06/23/11																																																	◆ XCS Design finalized
BL 01660	XCS Fabricate large area array	100	0	6	1,096.00	122,443.48	09/29/10	03/03/11																																																	XCS Fabricate large area array
BL 01670	XCS Completed - Large area pixel array fabricat	0	0	6	0.00	0.00		03/03/11																																																	◆ XCS Completed - Large area pixel array fabricat
BL 01680	XCS Test & characterize large arrays	80	0	6	640.00	78,676.48	03/04/11	06/23/11																																																	XCS Test & characterize large arrays
BL 01690	XCS Full size pixel array ready	0	0	6	0.00	0.00		06/23/11																																																	◆ XCS Full size pixel array ready
BL 02000	XCS Sensor Test Instrumentation Procurement	100	0	306	20,000.00	24,800.00	07/20/09	12/08/09																																																	XCS Sensor Test Instrumentation Procurement

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D				J				F				M				D				J				F				M				D				J				F				M			
									D	J	F	M	D	J	F	M	D	J	F	M	D	J	F	M	D	J	F	M	D	J	F	M	D	J	F	M	D	J	F	M	D	J	F	M												
1.4.03.03 Detector Application Specific Integrated Circuit																																																								
02 Design / Engineering																																																								
BL 01715	XCS ASIC 1 readout detailed design	42	100		251.00	33,541.13	02/02/09A	05/29/09A	XCS ASIC 1 readout detailed design																																															
BL 01716	XCS ASIC 1 readout detailed design	98	5	173	869.26	116,402.25	05/30/09A	10/14/09	XCS ASIC 1 readout detailed design																																															
BL 01717	XCS Completed - ASIC 1 readout detailed design	0	0	173	0.00	0.00		10/14/09*	XCS Completed - ASIC 1 readout detailed design																																															
BL 01720	XCS ASIC First Article Fabrication run	40	0	173	40,900.00	50,716.00	10/15/09	12/11/09	XCS ASIC First Article Fabrication run																																															
BL 01730	XCS Completed - ASIC First Article Fabricated	0	0	173	0.00	0.00		12/11/09	XCS Completed - ASIC First Article Fabricated																																															
BL 01732	XCS ASIC 1 Test	30	0	173	30,240.00	66,820.80	12/14/09	02/05/10	XCS ASIC 1 Test																																															
BL 01735	XCS ASIC 2 Design	100	0	173	800.00	111,288.00	02/08/10	06/25/10	XCS ASIC 2 Design																																															
BL 01755	XCS ASIC 2 Fabrication	40	0	173	30,000.00	37,200.00	06/28/10	08/20/10	XCS ASIC 2 Fabrication																																															
BL 01765	XCS ASIC 2 Test	40	0	173	240.00	29,954.76	08/23/10	10/15/10	XCS ASIC 2 Test																																															
1.4.03.04 Detector Controls, Electronics and DAQ																																																								
02 Design / Engineering																																																								
BL 01740	XCS Test PCBs	30	0	233	240.00	22,888.80	10/15/09	11/25/09	XCS Test PCBs																																															
BL 01750	XCS PCBs Completed	0	0	233	0.00	0.00		11/25/09	XCS PCBs Completed																																															
BL 01760	XCS Build Test System	60	0	233	30,480.00	89,176.80	11/30/09	03/05/10	XCS Build Test System																																															
BL 01790	XCS Design and Fabrication of PCBs	80	0	233	768.00	74,826.24	03/08/10	06/25/10	XCS Design and Fabrication of PCBs																																															
BL 01800	XCS Mechanical Housing Design and Fab	20	0	233	160.00	18,355.20	06/28/10	07/23/10	XCS Mechanical Housing Design and Fab																																															
BL 01810	XCS Completed - Package design	0	0	233	0.00	0.00		07/23/10	XCS Completed - Package design																																															
BL 01970	XCS FPGA Coding	100	0	263	800.00	86,628.00	11/30/09	04/30/10	XCS FPGA Coding																																															
BL 01975	XCS Test with RCE	30	0	263	240.00	25,731.60	05/03/10	06/11/10	XCS Test with RCE																																															
BL 01980	XCS DAQ and Controls Completed	0	0	263	0.00	0.00		06/11/10	XCS DAQ and Controls Completed																																															
1.4.03.05 Detector, Fabrication for Early Science																																																								
05 Fab / Assembly																																																								
BL 02010	XCS Sensor Array Fabrication, Early Sci Detector	6	0	73	100,500.00	115,575.00	01/04/10*	01/11/10	XCS Sensor Array Fabrication, Early Sci Detector																																															
BL 02020	XCS Electronics Fabrication, Early Sci Detector	4	0	73	42,160.00	48,484.00	01/12/10	01/15/10	XCS Electronics Fabrication, Early Sci Detector																																															
BL 02040	XCS Mechanical Fabrication, Early Sci Detector	4	0	73	11,000.00	13,640.00	01/12/10	01/15/10	XCS Mechanical Fabrication, Early Sci Detector																																															
BL 02050	XCS Completed Fabrication, Early Sci Detector	0	0	73	0.00	0.00		01/15/10	XCS Completed Fabrication, Early Sci Detector																																															
BL 02070	XCS Final Assy and Testing, Early Sci Detector	240	0	73	15,000.00	18,600.00	01/18/10	01/04/11	XCS Final Assy and Testing, Early Sci Detector																																															
BL 02090	XCS Completed, Early Sci Detector	0	0	73	0.00	0.00		01/04/11	XCS Completed, Early Sci Detector																																															
1.4.04.01 XCS Diffractometer System																																																								
02 Design / Engineering																																																								
XCS1404000	START: XCS Diffractometer	0	100		0.00	0.00	02/02/09A		START: XCS Diffractometer																																															
XCS1404005	REQD: Design Reqmts-XCS Diffractometer	0	100		0.00	0.00	02/02/09A		REQD: Design Reqmts-XCS Diffractometer																																															


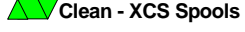


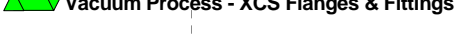
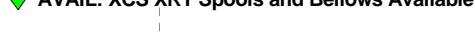
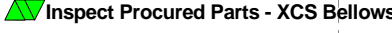








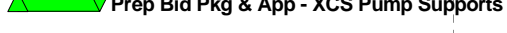

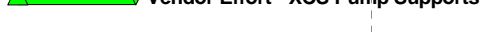
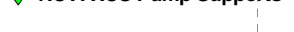




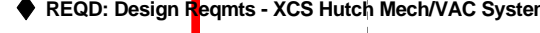



Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
XCS1404010	Generate ESD - XCS Diff. System	20	100		80.00	9,223.20	02/02/09A	03/30/09A	Generate ESD - XCS Diff. System																																															
XCS1404125	Prepare ESD - Diff System (FOREIGN)	3	100		80.00	9,223.20	04/15/09A	04/17/09A	Prepare ESD - Diff System (FOREIGN)																																															
XCS1404135	Approve ESD - Diff. System (FOREIGN)	1	100		4.00	461.16	04/15/09A	04/15/09A	Approve ESD - Diff. System (FOREIGN)																																															
XCS1404245	Prepare SOW & APP - Diff. System (FOREIGN)	3	100		16.00	1,844.64	04/15/09A	04/17/09A	Prepare SOW & APP - Diff. System (FOREIGN)																																															
XCS1404255	Long Lead Procurement Review	3	100		8.00	922.32	04/15/09A	04/23/09A	Long Lead Procurement Review																																															
XCS1404265	Long Lead Procurement Approval	0	0	756	0.00	0.00		06/15/09*	Long Lead Procurement Approval																																															
04 Subcontract																																																								
XCS1404195	COMP: XCS Diff. System	0	0	161	0.00	0.00		01/20/11	COMP: XCS Diff. System																																															
XCS1404235	AVAIL: XCS Diffractometer Available	0	0	161	0.00	0.00		01/20/11	AVAIL: XCS Diffractometer Available																																															
XCS1404275	Prep Bid Pkg & App - Diff System (FOREIGN)	10	100		40.00	4,611.60	05/08/09A	05/21/09A	Prep Bid Pkg & App - Diff System (FOREIGN)																																															
XCS1404285	SLAC Purch Bid Prep - Diff System (FOREIGN)	40	0	147	0.00	0.00	06/01/09	07/24/09	SLAC Purch Bid Prep - Diff System (FOREIGN)																																															
XCS1404295	Vendor Proposal Effort - Diff. System (FOREIGN)	40	0	147	24.00	2,766.96	07/27/09	09/18/09	Vendor Proposal Effort - Diff. System (FOREIGN)																																															
XCS1404435	Eval & Selection Process - Diff System (FOREIGN)	10	0	147	32.00	3,969.63	09/21/09	10/02/09	Eval & Selection Process - Diff System (FOREIGN)																																															
XCS1404445	DOE SLAC Purchase Approvals - Diff System	40	0	147	0.00	0.00	10/05/09	12/01/09	DOE SLAC Purchase Approvals - Diff System																																															
XCS1404455	AWARD: XCS Diff System (FOREIGN)	0	0	147	0.00	0.00		12/01/09	AWARD: XCS Diff System (FOREIGN)																																															
XCS1404465	SLAC Oversight & Integration - Diff System	1	0	430	800.00	85,996.80	12/02/09	12/02/09	SLAC Oversight & Integration - Diff System																																															
XCS1404475	Vendor Startup Design - Diff System	5	0	147	95,000.00	103,550.00	12/02/09	12/08/09	Vendor Startup Design - Diff System																																															
XCS1404485	Vendor Preliminary Design Complete - Diff System	60	0	147	95,000.00	103,550.00	12/09/09	03/16/10	Vendor Preliminary Design Complete - Diff System																																															
XCS1404495	Preliminary Design Review - Diff System	5	0	147	5,064.00	14,341.68	03/17/10	03/23/10	Preliminary Design Review - Diff System																																															
XCS1404505	Vendor Final Design Complete - Diff System	60	0	147	95,000.00	103,550.00	03/24/10	06/15/10	Vendor Final Design Complete - Diff System																																															
XCS1404515	Final Design Review - Diff System	5	0	147	5,064.00	14,341.68	06/16/10	06/22/10	Final Design Review - Diff System																																															
XCS1404525	Vendor Fabrication Complete - Diff System	100	0	161	95,000.00	104,348.00	06/23/10	11/09/10	Vendor Fabrication Complete - Diff System																																															
XCS1404535	Acceptance of Vendor Fab - Diff System	5	0	161	5,064.00	14,819.04	11/10/10	11/16/10	Acceptance of Vendor Fab - Diff System																																															
XCS1404545	Vendor Shipping & Setup	10	0	161	20,000.00	22,400.00	11/17/10	12/02/10	Vendor Shipping & Setup																																															
XCS1404555	Vendor Installation Complete - Diff System	20	0	161	95,000.00	106,400.00	12/03/10	01/13/11	Vendor Installation Complete - Diff System																																															
XCS1404565	SLAC Installation Acceptance	5	0	161	160.00	21,297.60	01/14/11	01/20/11	SLAC Installation Acceptance																																															
1.4.04.03 XCS Large Angle Mover & Chamber																																																								
02 Design / Engineering																																																								
XCS1404300	START: XCS Large Angle Mover & Chamber	0	100		0.00	0.00	04/01/09A		START: XCS Large Angle Mover & Chamber																																															
XCS1404305	Prepare PRD - XCS LAM (FOREIGN)	5	100		80.00	10,467.20	04/01/09A	04/07/09A	Prepare PRD - XCS LAM (FOREIGN)																																															
XCS1404310	Approve PRD - XCS LAM (FOREIGN)	2	100		4.00	523.36	04/08/09A	04/09/09A	Approve PRD - XCS LAM (FOREIGN)																																															
XCS1404315	Prepare Statement of Work - XCS LAM (FOREIGN)	1	100		120.00	13,834.80	04/08/09A	04/08/09A	Prepare Statement of Work - XCS LAM (FOREIGN)																																															
XCS1404320	Approve Statement of Work - XCS LAM (FOREIGN)	1	100		0.00	0.00	04/09/09A	04/09/09A	Approve Statement of Work - XCS LAM (FOREIGN)																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D				J				F				M				D				J				F				M				D				J				F				M			
									D	J	F	M	D	J	F	M	D	J	F	M	D	J	F	M	D	J	F	M	D	J	F	M	D	J	F	M	D	J	F	M	D	J	F	M												
XCS1404430	Prepare ESD - LAM Carriage (FOREIGN)	5	100		80.00	9,223.20	04/01/09A	04/07/09A	█ Prepare ESD - LAM Carriage (FOREIGN)																																															
XCS1404440	Approve ESD - LAM Carriage (FOREIGN)	3	100		4.00	461.16	04/08/09A	04/10/09A	█ Approve ESD - LAM Carriage (FOREIGN)																																															
XCS1404450	Long Lead Procurement Review	1	100		8.00	922.32	04/10/09A	04/23/09A	█ Long Lead Procurement Review																																															
XCS1404460	Long Lead Procurement Approval	0	0	756	0.00	0.00		06/15/09*	◆ Long Lead Procurement Approval																																															
XCS1404575	Design Study LAM Upper Assemblies	10	100		120.00	13,834.80	04/01/09A	04/14/09A	█ Design Study LAM Upper Assemblies																																															
XCS1404585	Prelim Design - LAM Upper Assys	12	100		200.00	19,593.60	04/15/09A	04/30/09A	█ Prelim Design - LAM Upper Assys																																															
XCS1404595	Prep for PDR - LAM Upper Assys	11	100		50.00	5,475.80	05/01/09A	05/13/09A	█ Prep for PDR - LAM Upper Assys																																															
XCS1404605	PDR - Prelim Design Review - LAM Upper Assys	1	100		16.00	1,613.68	05/14/09A	05/14/09A	█ PDR - Prelim Design Review - LAM Upper Assys																																															
XCS1404615	Final Design - LAM Upper Assys	15	0	466	120.00	11,525.20	05/15/09A	06/08/09	█ Final Design - LAM Upper Assys																																															
XCS1404625	Generate Assy & Detail Dwgs - LAM Upper Assys	10	0	466	100.00	9,634.60	06/09/09	06/22/09	█ Generate Assy & Detail Dwgs - LAM Upper Assys																																															
XCS1404635	Prep for FDR - LAM Upper Assys	5	0	466	50.00	5,475.80	06/23/09	06/29/09	█ Prep for FDR - LAM Upper Assys																																															
XCS1404645	FDR - Final Design Review - LAM Upper Assys	5	0	466	16.00	1,613.68	06/30/09	07/06/09	█ FDR - Final Design Review - LAM Upper Assys																																															
XCS1404655	Check & Approve Dwgs - LAM Upper Assys	10	0	466	56.00	6,035.84	07/07/09	07/20/09	█ Check & Approve Dwgs - LAM Upper Assys																																															
XCS1404675	Generate Mfg Docs - LAM Upper Assys	5	0	466	40.00	4,611.60	07/21/09	07/27/09	█ Generate Mfg Docs - LAM Upper Assys																																															
03 Procurement																																																								
XCS1404695	Procure Materials - LAM Upper Assys	40	0	466	25,000.00	26,912.50	08/25/09	10/19/09	█ Procure Materials - LAM Upper Assys																																															
XCS1404705	Prep Bid Pkg & App - LAM Upper Assys	60	0	466	65,000.00	70,850.00	10/20/09	01/27/10	█ Prep Bid Pkg & App - LAM Upper Assys																																															
04 Subcontract																																																								
XCS1404325	Vendor Qualification Site Visits - XCS LAM (FORE	10	0	136	15,080.00	28,689.60	10/05/09	10/16/09	█ Vendor Qualification Site Visits - XCS LAM (FORE																																															
XCS1404330	Prep Bid Pkg & App - XCS LAM (FOREIGN)	30	100		80.00	9,223.20	05/01/09A	05/29/09A	█ Prep Bid Pkg & App - XCS LAM (FOREIGN)																																															
XCS1404345	RCV: Vendor Proposals - XCS LAM (FOREIGN)	0	0	136	0.00	0.00		09/18/09	◆ RCV: Vendor Proposals - XCS LAM (FOREIGN)																																															
XCS1404355	Eval & Selection Process - XCS LAM (FOREIGN)	20	0	136	0.00	0.00	09/21/09	10/16/09	█ Eval & Selection Process - XCS LAM (FOREIGN)																																															
XCS1404365	SLAC Approval Process - XCS LAM (FOREIGN)	10	0	136	0.00	0.00	10/19/09	10/30/09	█ SLAC Approval Process - XCS LAM (FOREIGN)																																															
XCS1404370	DOE Approval Process - XCS LAM (FOREIGN)	10	0	136	0.00	0.00	11/02/09	11/13/09	█ DOE Approval Process - XCS LAM (FOREIGN)																																															
XCS1404374	AWARD: XCS LAM Carriage (FOREIGN)	1	0	136	325,000.00	354,250.00	11/16/09	11/16/09	█ AWARD: XCS LAM Carriage (FOREIGN)																																															
XCS1404380	Vendor Kick-off Meeting - XCS LAM	10	0	136	16.00	1,918.56	11/17/09	12/02/09	█ Vendor Kick-off Meeting - XCS LAM																																															
XCS1404395	Vendor Final Design - XCS LAM	30	0	136	0.00	0.00	03/25/10	05/05/10	█ Vendor Final Design - XCS LAM																																															
XCS1404405	SLAC Approval to Fabricate - XCS LAM	10	0	321	0.00	0.00	07/08/10	07/21/10	█ SLAC Approval to Fabricate - XCS LAM																																															
XCS1404410	Vendor Fab - XCS LAM (FOREIGN)	40	0	321	0.00	0.00	07/22/10	09/15/10	█ Vendor Fab - XCS LAM (FOREIGN)																																															
XCS1404420	RCV: XCS LAM (FOREIGN)	0	0	321	0.00	0.00		02/11/11	◆ RCV: XCS LAM (FOREIGN)																																															
XCS1404470	Prep Bid Pkg & App - LAM Carriage (FOREIGN)	10	100		40.00	4,611.60	05/01/09A	05/29/09A	█ Prep Bid Pkg & App - LAM Carriage (FOREIGN)																																															
XCS1404480	SLAC Purch Bid Prep - LAM Carriage (FOREIGN)	40	0	136	0.00	0.00	06/01/09	07/24/09	█ SLAC Purch Bid Prep - LAM Carriage (FOREIGN)																																															
XCS1404482	RELEASE: RFP LAM Carriage (FOREIGN)	0	0	136	0.00	0.00		07/24/09	◆ RELEASE: RFP LAM Carriage (FOREIGN)																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
XCS6600120	Review 30% drawings	5	100		80.00	9,223.20	11/04/08A	11/10/08A																																																
XCS6600140	REQD: LCLS 60% drawings	0	100		0.00	0.00	02/02/09A		◆ REQD: LCLS 60% drawings																																															
XCS6600160	Review 60% drawings	5	100		80.00	9,223.20	01/15/09A	01/21/09A	▬ Review 60% drawings																																															
XCS6600180	REQD: LCLS 90% drawings	0	100		0.00	0.00	02/27/09A		◆ REQD: LCLS 90% drawings																																															
XCS6600200	Review 90% drawings	3	100		0.00	0.00	02/27/09A	03/05/09A	▬ Review 90% drawings																																															
XCS6600220	REQD: LCLS Construction Start	0	0	88	0.00	0.00	06/15/09*		◆ REQD: LCLS Construction Start																																															
XCS6600240	Review shop drawings	30	0	88	80.00	9,223.20	08/10/09	09/18/09	▬ Review shop drawings																																															
XCS6600260	COMP: XCS Hutch Layout Review of Drawings	0	0	88	0.00	0.00		09/18/09	◆ COMP: XCS Hutch Layout Review of Drawings																																															
XCS6600280	REQD: LCLS FEH FDR	0	100		0.00	0.00	02/25/09A		◆ REQD: LCLS FEH FDR																																															
XCS6600300	Generate "As Built" models	30	0	88	80.00	6,913.60	08/10/09	09/18/09	▬ Generate "As Built" models																																															
XCS6600320	COMP: XCS Hutch Layout	0	0	88	0.00	0.00		09/18/09	◆ COMP: XCS Hutch Layout																																															
1.4.05.02 XCS Utilities & Hutch Equipment																																																								
02 Design / Engineering																																																								
XCS1405100	START: XCS Utilities & Hutch Equipoment	0	0	88	0.00	0.00	09/21/09		◆ START: XCS Utilities & Hutch Equipoment																																															
XCS1405102	REQD: Design Reqmts - XCS Hutch Fac Cabinets	0	0	88	0.00	0.00	09/21/09		◆ REQD: Design Reqmts - XCS Hutch Fac Cabinets																																															
XCS1405105	Design - XCS Drop Floor	10	0	88	40.00	4,648.56	09/21/09	10/02/09	▬ Design - XCS Drop Floor																																															
XCS1405110	Detail Drawings - XCS Drop Floor	20	0	174	96.00	8,628.48	10/05/09	10/30/09	▬ Detail Drawings - XCS Drop Floor																																															
XCS1405112	Check & Approve Dwgs - XCS Drop Floor	6	0	174	60.00	6,744.15	11/02/09	11/09/09	▬ Check & Approve Dwgs - XCS Drop Floor																																															
XCS1405115	Design - XCS Cable Tray	10	0	88	40.00	4,796.40	10/05/09	10/16/09	▬ Design - XCS Cable Tray																																															
XCS1405120	Detail Drawings - XCS Cable Tray	10	0	157	48.00	4,314.24	10/19/09	10/30/09	▬ Detail Drawings - XCS Cable Tray																																															
XCS1405122	Check & Approve Dwgs - XCS Cable Tray	3	0	157	30.00	3,387.09	11/02/09	11/04/09	▬ Check & Approve Dwgs - XCS Cable Tray																																															
XCS1405125	Design - XCS Compressed Air/Water Distribution	10	0	157	40.00	4,796.40	10/19/09	10/30/09	▬ Design - XCS Compressed Air/Water Distribution																																															
XCS1405130	Detail Drawings - XCS Compressed Air/Water Distr	10	0	187	40.00	3,595.20	11/02/09	11/13/09	▬ Detail Drawings - XCS Compressed Air/Water Distr																																															
XCS1405132	Check & Approve Dwgs - XCS Compressed Air/Water	3	0	187	25.00	2,817.57	11/16/09	11/18/09	▬ Check & Approve Dwgs - XCS Compressed Air/Water																																															
XCS1405135	Design - XCS Gas Distribution	10	0	157	40.00	4,796.40	11/02/09	11/13/09	▬ Design - XCS Gas Distribution																																															
XCS1405140	Detail Drawings - XCS Gas Distribution	10	0	157	40.00	3,595.20	11/16/09	12/01/09	▬ Detail Drawings - XCS Gas Distribution																																															
XCS1405142	Check & Approve Dwgs - XCS Gas Distribution	3	0	157	25.00	2,817.57	12/02/09	12/04/09	▬ Check & Approve Dwgs - XCS Gas Distribution																																															
XCS1405145	Design - Power to racks	40	0	88	160.00	16,011.20	10/19/09	12/15/09	▬ Design - Power to racks																																															
XCS1405150	Detail Drawings- Power to racks	30	0	234	120.00	10,785.60	12/16/09	02/09/10	▬ Detail Drawings- Power to racks																																															
XCS1405151	Check & Approve Dwgs - XCS Power to Racks	7	0	234	75.00	8,422.68	02/10/10	02/18/10	▬ Check & Approve Dwgs - XCS Power to Racks																																															
XCS1405152	Design - Water to racks	20	0	88	80.00	9,706.40	12/16/09	01/26/10	▬ Design - Water to racks																																															
XCS1405154	Detail Drawings- Water to racks	10	0	187	40.00	3,595.20	01/27/10	02/09/10	▬ Detail Drawings- Water to racks																																															
XCS1405155	Design - Hutch Cabinets	5	0	88	10.00	1,199.10	01/27/10	02/02/10	▬ Design - Hutch Cabinets																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12																																																											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J																																																					
XCS1407510	AWARD: PO - XCS Water Distribution	1	0	128	2,780.00	3,030.20	06/18/10	06/18/10																																																	X	AWARD: PO - XCS Water Distribution																																														
XCS1407515	Vendor Fab - XCS Water Distribution	30	0	128	2,780.00	3,030.20	06/21/10	07/30/10																																																		Vendor Fab - XCS Water Distribution																																														
XCS1407520	Prep Bid Pkg & App - XCS Water to Racks	30	0	118	0.00	0.00	05/21/10	07/01/10																																																		Prep Bid Pkg & App - XCS Water to Racks																																														
XCS1407525	AWARD: PO - XCS Water to Racks	1	0	118	13,440.00	14,649.60	07/02/10	07/02/10																																																	X	AWARD: PO - XCS Water to Racks																																														
XCS1407530	Vendor Fab - XCS Water to Racks	30	0	118	13,440.00	14,649.60	07/05/10	08/13/10																																																		Vendor Fab - XCS Water to Racks																																														
1.4.06.01.01 XCS XRT Vacuum Equipment																																																																																																								
02 Design / Engineering																																																																																																								
XCS1406000	START: XCS XRT Vacuum Equipment	0	100		0.00	0.00	02/02/09A																																																		◆	START: XCS XRT Vacuum Equipment																																														
XCS1406005	REQD: Design Reqmts - XCS XRT Mech/VAC System	0	100		0.00	0.00	02/02/09A																																																		◆	REQD: Design Reqmts - XCS XRT Mech/VAC System																																														
XCS1406010	Generate ESD - XCS Vacuum Equip	20	100		80.00	9,223.20	02/02/09A	02/27/09A																																																	■	Generate ESD - XCS Vacuum Equip																																														
XCS1406015	Prelim Design - XCS Vacuum Equip	20	100		120.00	11,933.37	09/22/08A	02/13/09A																																																	■	Prelim Design - XCS Vacuum Equip																																														
XCS1406020	Prelim Engr Analysis - XCS Vacuum Equip	20	100		120.00	13,834.80	10/01/08A	02/13/09A																																																	■	Prelim Engr Analysis - XCS Vacuum Equip																																														
XCS1406025	Prep for PDR - XCS Vacuum Equip	4	100		50.00	5,527.70	02/16/09A	04/30/09A																																																	■	Prep for PDR - XCS Vacuum Equip																																														
XCS1406030	PDR - Prelim Design Review - XCS Vacuum Equip	1	100		8.00	827.60	05/11/09A	05/20/09A																																																	■	PDR - Prelim Design Review - XCS Vacuum Equip																																														
XCS1406035	COMP: Prelim Design Review - XCS Vacuum Equip	0	100		0.00	0.00		05/21/09A																																																	◆	COMP: Prelim Design Review - XCS Vacuum Equip																																														
XCS1406040	Final Design - XCS Vacuum Equip	20	0	204	120.00	11,940.40	06/26/09	07/23/09																																																	■	Final Design - XCS Vacuum Equip																																														
XCS1406045	Final Engr Analysis - XCS Vacuum Equip	20	0	237	60.00	6,917.40	06/26/09	07/23/09																																																	■	Final Engr Analysis - XCS Vacuum Equip																																														
XCS1406050	Generate Assy & Detail Dwgs - XCS Vac Equip	20	0	217	80.00	7,328.80	07/24/09	08/20/09																																																	■	Generate Assy & Detail Dwgs - XCS Vac Equip																																														
XCS1406055	Prep for FDR - XCS Vacuum Equip	15	0	237	50.00	5,527.70	07/03/09	07/23/09																																																	■	Prep for FDR - XCS Vacuum Equip																																														
XCS1406060	FDR - Final Design Review - XCS VacS Equip	1	0	217	8.00	827.60	08/21/09	08/21/09																																																	X	FDR - Final Design Review - XCS VacS Equip																																														
XCS1406065	COMP: Final Design Review - XCS VacS Equip	0	0	217	0.00	0.00		08/21/09																																																	◆	COMP: Final Design Review - XCS VacS Equip																																														
XCS1406070	Incorp FDR Changes - XCS Vac Equip	10	0	217	24.00	2,198.64	08/24/09	09/04/09																																																	■	Incorp FDR Changes - XCS Vac Equip																																														
XCS1406075	Check & Approve Dwgs - XCS Vacuum Equip	15	0	217	60.00	5,773.95	09/07/09	09/25/09																																																	■	Check & Approve Dwgs - XCS Vacuum Equip																																														
03 Procurement																																																																																																								
XCS1406080	Prep Bid Pkg & App - XCS Vacuum Sys All Parts	30	0	217	0.00	0.00	09/28/09	11/06/09																																																	■	Prep Bid Pkg & App - XCS Vacuum Sys All Parts																																														
XCS1406085	RELEASE: RFP - XCS Vacuum System All Parts	0	0	217	0.00	0.00		11/06/09																																																	◆	RELEASE: RFP - XCS Vacuum System All Parts																																														
XCS1406090	Vendor Proposal Effort - XCS Vacuum System All Pa	20	0	217	0.00	0.00	11/09/09	12/08/09																																																	■	Vendor Proposal Effort - XCS Vacuum System All Pa																																														
XCS1406095	RCV: Vendor Proposals - XCS Vacuum System All	0	0	217	0.00	0.00		12/08/09																																																	◆	RCV: Vendor Proposals - XCS Vacuum System All																																														
XCS1406100	Eval & Selection Process - XCS Vacuum Syst	15	0	217	0.00	0.00	12/09/09	01/12/10																																																	■	Eval & Selection Process - XCS Vacuum Syst																																														
XCS1406105	Vendor Selection - XCS Vacuum System All Parts	0	0	217	0.00	0.00		01/12/10																																																	◆	Vendor Selection - XCS Vacuum System All Parts																																														
XCS1406110	SLAC Approval Process - XCS Vacuum System All Par	5	0	217	0.00	0.00	01/13/10	01/19/10																																																	■	SLAC Approval Process - XCS Vacuum System All Par																																														
XCS1406115	DOE Approval Process - XCS Vacuum System All Part	5	0	217	0.00	0.00	01/20/10	01/26/10																																																	■	DOE Approval Process - XCS Vacuum System All Part																																														
XCS1406120	AWARD: PO - XCS Vacuum System All Parts	1	0	217	64,578.00	70,390.02	01/27/10	01/27/10																																																	X	AWARD: PO - XCS Vacuum System All Parts																																														

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D J F M A M J J A S												O N D J F M A M J J A S												O N D J F M A M J J A S												O N D J F M A M J											
XCS1406125	Vendor Effort - XCS Vacuum Syste All Parts	60	0	217	64,578.00	70,390.02	01/28/10	04/21/10													Vendor Effort - XCS Vacuum Syste All Parts																																			
XCS1406130	RCV: XCS Vacuum System All Parts	0	0	217	0.00	0.00		04/21/10													RCV: XCS Vacuum System All Parts																																			
06 Testing																																																								
XCS1406135	Inspect/Test Procured Parts - XCS Ion Pumps	45	0	217	40.00	4,023.60	04/22/10	06/23/10													Inspect/Test Procured Parts - XCS Ion Pumps																																			
XCS1406140	Inspect/Test Procured Parts - XCS Ion Gauges	45	0	217	40.00	4,023.60	04/22/10	06/23/10													Inspect/Test Procured Parts - XCS Ion Gauges																																			
XCS1406145	Inspect/Test Procured Parts - XCS VAT Valve	45	0	217	24.00	2,414.16	04/22/10	06/23/10													Inspect/Test Procured Parts - XCS VAT Valve																																			
XCS1406160	AVAIL: XCS XRT Vacuum Equipment Available	0	0	217	0.00	0.00		06/23/10													AVAIL: XCS XRT Vacuum Equipment Available																																			
1.4.06.01.02 XCS XRT Spools & Bellows																																																								
02 Design / Engineering																																																								
XCS1406200	START: XCS XRT Spool & Bellows	0	100		0.00	0.00	02/06/09A														START: XCS XRT Spool & Bellows																																			
XCS1406201	Final Design - XCS Bellows	10	100		40.00	3,664.40	02/09/09A	02/20/09A													Final Design - XCS Bellows																																			
XCS1406205	Prelim Design - XCS Spools	10	100		60.00	5,970.20	02/23/09A	04/30/09A													Prelim Design - XCS Spools																																			
XCS1406210	Final Design - XCS Spools	10	0	237	80.00	7,707.68	06/01/09	06/12/09													Final Design - XCS Spools																																			
XCS1406215	Generate Detail Drawings - XCS Spools	20	0	237	80.00	7,328.80	06/15/09	07/10/09													Generate Detail Drawings - XCS Spools																																			
XCS1406220	Check & Approve Dwgs - XCS Spools	10	0	237	24.00	2,346.56	07/13/09	07/24/09													Check & Approve Dwgs - XCS Spools																																			
XCS1406221	Engineering Support to Procurement Prep	15	0	217	16.00	1,844.64	08/24/09	09/11/09													Engineering Support to Procurement Prep																																			
03 Procurement																																																								
XCS1406225	Prep Bid Pkg & App - XCS Welded Bellow Parts	30	0	217	0.00	0.00	09/14/09	10/23/09													Prep Bid Pkg & App - XCS Welded Bellow Parts																																			
XCS1406230	AWARD: PO - XCS Welded Bellows Parts	1	0	227	15,648.00	17,056.32	11/02/09	11/02/09													AWARD: PO - XCS Welded Bellows Parts																																			
XCS1406235	Vendor Effort - XCS Welded Bellows Parts	60	0	227	15,648.00	17,056.32	11/03/09	02/10/10													Vendor Effort - XCS Welded Bellows Parts																																			
XCS1406240	RCV: XCS Welded Bellows	0	0	227	0.00	0.00		02/10/10													RCV: XCS Welded Bellows																																			
XCS1406250	Prep Bid Pkg & App - Clean Fire - XCS Bellows	30	0	227	0.00	0.00	02/25/10	04/07/10													Prep Bid Pkg & App - Clean Fire - XCS Bellows																																			
XCS1406255	AWARD: PO - Clean Fire - XCS XRT Bellows	5	0	227	18,000.00	19,620.00	04/08/10	04/14/10													AWARD: PO - Clean Fire - XCS XRT Bellows																																			
XCS1406260	Vendor Effort - Clean Fire - XCS Bellows	30	0	227	18,000.00	19,620.00	04/15/10	05/26/10													Vendor Effort - Clean Fire - XCS Bellows																																			
XCS1406262	RCV: Clean Fire XCS Bellow	0	0	227	0.00	0.00		05/26/10													RCV: Clean Fire XCS Bellow																																			
XCS1406270	Prep Bid Pkg & App - XCS Spools All Parts	30	0	217	0.00	0.00	10/26/09	12/08/09													Prep Bid Pkg & App - XCS Spools All Parts																																			
XCS1406275	AWARD: PO - XCS Spools All Parts	1	0	242	19,971.00	21,768.39	12/09/09	12/09/09													AWARD: PO - XCS Spools All Parts																																			
XCS1406280	Vendor Effort - XCS Spools All Parts	60	0	242	19,971.00	21,768.39	12/10/09	03/17/10													Vendor Effort - XCS Spools All Parts																																			
XCS1406285	RCV: XCS Spools All Parts	0	0	242	0.00	0.00		03/17/10													RCV: XCS Spools All Parts																																			
XCS1406800	Prep Bid Pkg & App - XCS Flanges & Fittings	30	0	217	0.00	0.00	12/09/09	02/02/10													Prep Bid Pkg & App - XCS Flanges & Fittings																																			
XCS1406805	AWARD: PO - XCS Flanges & Fittings	1	0	217	7,094.00	7,732.46	02/03/10	02/03/10													AWARD: PO - XCS Flanges & Fittings																																			
XCS1406810	Vendor Effort - XCS Flanges & Fittings	60	0	217	7,094.00	7,732.46	02/04/10	04/28/10													Vendor Effort - XCS Flanges & Fittings																																			
XCS1406815	RCV: XCS Flanges & Fittings	0	0	217	0.00	0.00		04/28/10													RCV: XCS Flanges & Fittings																																			

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09				FY10				FY11				FY12									
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
05 Fab / Assembly																														
XCS1406265	Vacuum Process - XCS Bellows	10	0	227	40.00	4,023.60	05/27/10	06/09/10	 Vacuum Process - XCS Bellows																					
XCS1406295	Clean - XCS Spools	15	0	242	80.00	15,885.60	04/01/10	04/21/10	 Clean - XCS Spools																					
XCS1406300	Vacuum Process - XCS Spools	20	0	242	120.00	12,070.80	04/22/10	05/19/10	 Vacuum Process - XCS Spools																					
XCS1406825	Clean - XCS Flanges and Fitting	10	0	217	24.00	4,765.68	05/13/10	05/26/10	 Clean - XCS Flanges and Fitting																					
XCS1406830	Vacuum Process - XCS Flanges & Fittings	20	0	217	80.00	8,047.20	05/27/10	06/23/10	 Vacuum Process - XCS Flanges & Fittings																					
XCS1406835	AVAIL: XCS XRT Spools and Bellows Available	0	0	217	0.00	0.00		06/23/10	 AVAIL: XCS XRT Spools and Bellows Available																					
06 Testing																														
XCS1406245	Inspect Procured Parts - XCS Bellows	10	0	227	20.00	2,011.80	02/11/10	02/24/10	 Inspect Procured Parts - XCS Bellows																					
XCS1406290	Inspect Procured Parts - XCS Spools Parts	10	0	242	40.00	4,023.60	03/18/10	03/31/10	 Inspect Procured Parts - XCS Spools Parts																					
XCS1406820	Inspect Procured Parts - XCS Flanges and Fitting	10	0	217	16.00	1,609.44	04/29/10	05/12/10	 Inspect Procured Parts - XCS Flanges and Fitting																					
1.4.06.01.03 XCS XRT Vacuum Supports																														
02 Design / Engineering																														
XCS1406305	START: XCS XRT Vacuum Supports	0	0	247	0.00	0.00	11/16/09		 START: XCS XRT Vacuum Supports																					
XCS1406310	Engineering Support to Procurement Prep	5	0	247	40.00	4,796.40	11/16/09	11/20/09	 Engineering Support to Procurement Prep																					
03 Procurement																														
XCS1406315	Prep Bid Pkg & App - XCS Bellows & Spools	30	0	247	0.00	0.00	11/23/09	01/19/10	 Prep Bid Pkg & App - XCS Bellows & Spools																					
XCS1406320	AWARD: PO - XCS Drift Tube Supports	1	0	247	13,500.00	14,715.00	01/20/10	01/20/10	 AWARD: PO - XCS Drift Tube Supports																					
XCS1406325	Vendor Effort - XCS Drift Tube Supports	60	0	247	13,500.00	14,715.00	01/21/10	04/14/10	 Vendor Effort - XCS Drift Tube Supports																					
XCS1406330	RCV: XCS Drift Tube Supports	0	0	247	0.00	0.00		04/14/10	 RCV: XCS Drift Tube Supports																					
XCS1406340	Prep Bid Pkg & App - XCS Pump Supports	30	0	257	0.00	0.00	11/23/09	01/19/10	 Prep Bid Pkg & App - XCS Pump Supports																					
XCS1406345	AWARD: PO - XCS Pump Supports	1	0	257	18,000.00	19,620.00	01/20/10	01/20/10	 AWARD: PO - XCS Pump Supports																					
XCS1406350	Vendor Effort - XCS Pump Supports	60	0	257	18,000.00	19,620.00	01/21/10	04/14/10	 Vendor Effort - XCS Pump Supports																					
XCS1406355	RCV: XCS Pump Supports	0	0	257	0.00	0.00		04/14/10	 RCV: XCS Pump Supports																					
06 Testing																														
XCS1406335	Inspect Procured Parts - XCS Drift Tube Supports	20	0	247	24.00	2,414.16	04/15/10	05/12/10	 Inspect Procured Parts - XCS Drift Tube Supports																					
XCS1406360	Inspect Procured Parts - XCS Pump Supports	10	0	257	40.00	4,023.60	04/15/10	04/28/10	 Inspect Procured Parts - XCS Pump Supports																					
XCS1406390	AVAIL: XCS XRT Vacuum Supports Available	0	0	247	0.00	0.00		05/12/10	 AVAIL: XCS XRT Vacuum Supports Available																					
1.4.06.02.01 XCS Hutch Vacuum Equipment																														
02 Design / Engineering																														
XCS1406400	START: XCS Hutch Vacuum Equipment	0	100		0.00	0.00	02/02/09A		 START: XCS Hutch Vacuum Equipment																					
XCS1406401	REQD: Design Reqmts - XCS Hutch Mech/VAC System	0	100		0.00	0.00	02/02/09A		 REQD: Design Reqmts - XCS Hutch Mech/VAC System																					
XCS1406405	Generate ESD - XCS Vacuum Equip	20	100		80.00	9,223.20	02/02/09A	02/27/09A	 Generate ESD - XCS Vacuum Equip																					
XCS1406410	Prelim Design - XCS Vacuum Equip	20	100		120.00	11,927.92	09/15/08A	02/13/09A	 Prelim Design - XCS Vacuum Equip																					
XCS1406415	Prelim Engr Analysis - XCS Vacuum Equip	30	100		120.00	13,834.80	10/01/08A	02/13/09A	 Prelim Engr Analysis - XCS Vacuum Equip																					

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
XCS1406420	Prep for PDR - XCS Vacuum Equip	4	100		50.00	5,527.70	03/26/09A	04/30/09A	█ Prep for PDR - XCS Vacuum Equip																																															
XCS1406425	PDR - Prelim Design Review - XCS Vacuum Equip	11	100		8.00	827.60	05/11/09A	05/20/09A	█ PDR - Prelim Design Review - XCS Vacuum Equip																																															
XCS1406430	COMP: Prelim Design Review - XCS Vacuum Equip	0	100		0.00	0.00		05/21/09A	◆ COMP: Prelim Design Review - XCS Vacuum Equip																																															
XCS1406435	Final Design - XCS Vacuum Equip	20	0	204	120.00	11,940.40	07/31/09	08/27/09	█ Final Design - XCS Vacuum Equip																																															
XCS1406440	Final Engr Analysis - XCS Vacuum Equip	20	0	224	60.00	6,917.40	07/31/09	08/27/09	█ Final Engr Analysis - XCS Vacuum Equip																																															
XCS1406445	Prep for FDR - XCS Vacuum Equip	15	0	224	50.00	5,527.70	08/07/09	08/27/09	█ Prep for FDR - XCS Vacuum Equip																																															
XCS1406450	Generate Assy & Detail Dwgs - XCS Vac Equip	20	0	204	80.00	7,328.80	08/28/09	09/24/09	█ Generate Assy & Detail Dwgs - XCS Vac Equip																																															
XCS1406455	FDR - Final Design Review - XCS VacS Equip	1	0	204	8.00	827.60	09/25/09	09/25/09	█ FDR - Final Design Review - XCS VacS Equip																																															
XCS1406460	COMP: Final Design Review - XCS VacS Equip	0	0	204	0.00	0.00		09/25/09	◆ COMP: Final Design Review - XCS VacS Equip																																															
XCS1406465	Incorp FDR Changes - XCS Vac Equip	10	0	204	24.00	2,260.13	09/28/09	10/09/09	█ Incorp FDR Changes - XCS Vac Equip																																															
XCS1406470	Check & Approve Dwgs - XCS Vacuum Equip	15	0	230	60.00	6,004.95	10/12/09	10/30/09	█ Check & Approve Dwgs - XCS Vacuum Equip																																															
04 Subcontract																																																								
XCS1406475	Prep Bid Pkg & App - XCS Vacuum Equip	30	0	230	0.00	0.00	11/02/09	12/15/09	█ Prep Bid Pkg & App - XCS Vacuum Equip																																															
XCS1406480	RELEASE: RFP - XCS Vacuum Equip	0	0	230	0.00	0.00		12/15/09	◆ RELEASE: RFP - XCS Vacuum Equip																																															
XCS1406485	Vendor Proposal Effort - XCS Vacuum Equip	20	0	230	0.00	0.00	12/16/09	01/26/10	█ Vendor Proposal Effort - XCS Vacuum Equip																																															
XCS1406490	RCV: Vendor Proposals - XCS Vacuum Equip	0	0	230	0.00	0.00		01/26/10	◆ RCV: Vendor Proposals - XCS Vacuum Equip																																															
XCS1406495	Eval & Selection Process - XCS Vacuum Equip	15	0	230	0.00	0.00	01/27/10	02/16/10	█ Eval & Selection Process - XCS Vacuum Equip																																															
XCS1406500	Vendor Selection - XCS Vacuum Equip	0	0	230	0.00	0.00		02/16/10	◆ Vendor Selection - XCS Vacuum Equip																																															
XCS1406505	SLAC Approval Process - XCS Vacuum Equip	5	0	230	0.00	0.00	02/17/10	02/23/10	█ SLAC Approval Process - XCS Vacuum Equip																																															
XCS1406510	DOE Approval Process - XCS Vacuum Equip	5	0	230	0.00	0.00	02/24/10	03/02/10	█ DOE Approval Process - XCS Vacuum Equip																																															
XCS1406515	AWARD: PO - XCS Vac Sys Parts (FOREIGN)	1	0	230	106,573.00	116,164.57	03/03/10	03/03/10	█ AWARD: PO - XCS Vac Sys Parts (FOREIGN)																																															
XCS1406520	Vendor Effort - XCS Vac Sys Parts (FOREIGN)	60	0	230	106,573.00	116,164.57	03/04/10	05/26/10	█ Vendor Effort - XCS Vac Sys Parts (FOREIGN)																																															
XCS1406525	RCV: XCS Vacuum System All Parts (FOREIGN)	0	0	230	0.00	0.00		05/26/10	◆ RCV: XCS Vacuum System All Parts (FOREIGN)																																															
06 Testing																																																								
XCS1406530	Inspect/Test Procured Parts - XCS Ion Pumps	15	0	230	24.00	2,414.16	05/27/10	06/16/10	█ Inspect/Test Procured Parts - XCS Ion Pumps																																															
XCS1406535	Inspect/Test Procured Parts - XCS Ion Gauges	15	0	230	24.00	2,414.16	05/27/10	06/16/10	█ Inspect/Test Procured Parts - XCS Ion Gauges																																															
XCS1406540	Inspect/Test Procured Parts - XCS VAT Valve	15	0	230	8.00	804.72	05/27/10	06/16/10	█ Inspect/Test Procured Parts - XCS VAT Valve																																															
XCS1406545	Inspect/Test Procured Parts - XCS Vac Pumping EQ	15	0	230	80.00	8,047.20	05/27/10	06/16/10	█ Inspect/Test Procured Parts - XCS Vac Pumping EQ																																															
XCS1406550	Inspect/Test Procured Parts - XCS Misc Vacuum EQ	15	0	230	16.00	1,609.44	05/27/10	06/16/10	█ Inspect/Test Procured Parts - XCS Misc Vacuum EQ																																															
XCS1406555	AVAIL: XCS Hutch Vacuum Equipment Available	0	0	230	0.00	0.00		06/16/10	◆ AVAIL: XCS Hutch Vacuum Equipment Available																																															
1.4.06.02.02 XCS Hutch Spools & Bellows																																																								
02 Design / Engineering																																																								
XCS1406600	START: XCS Hutch Spool & Bellows	0	0	227	0.00	0.00	07/15/09		◆ START: XCS Hutch Spool & Bellows																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
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XCS1406605	Final Design - XCS Bellows	10	0	267	40.00	3,664.40	07/15/09	07/28/09													▲ Final Design - XCS Bellows																																			
XCS1406610	Prelim Design - XCS Spools	10	0	227	60.00	5,970.20	07/15/09	07/28/09													▲ Prelim Design - XCS Spools																																			
XCS1406615	Final Design - XCS Spools	10	0	227	56.00	5,509.04	07/29/09	08/11/09													▲ Final Design - XCS Spools																																			
XCS1406620	Generate Detail Drawings - XCS Spools	20	0	204	80.00	7,431.28	09/14/09	10/09/09													▲ Generate Detail Drawings - XCS Spools																																			
XCS1406625	Check & Approve Dwgs - XCS Spools	10	0	204	24.00	2,440.48	10/12/09	10/23/09													▲ Check & Approve Dwgs - XCS Spools																																			
XCS1406630	Engineering Support to Procurement Prep	1	0	204	16.00	1,918.56	10/26/09	10/26/09													X Engineering Support to Procurement Prep																																			
03 Procurement																																																								
XCS1406635	Prep Bid Pkg & App - XCS Welded Bellows Parts	30	0	204	0.00	0.00	10/27/09	12/09/09													▲ Prep Bid Pkg & App - XCS Welded Bellows Parts																																			
XCS1406640	AWARD: PO - XCS Welded Bellows Parts	1	0	238	19,560.00	21,320.40	12/10/09	12/10/09													X AWARD: PO - XCS Welded Bellows Parts																																			
XCS1406645	Vendor Effort - XCS Welded Bellows Parts	60	0	238	19,560.00	21,320.40	12/11/09	03/18/10													▲ Vendor Effort - XCS Welded Bellows Parts																																			
XCS1406650	RCV: XCS Welded Bellows Parts	0	0	238	0.00	0.00		03/18/10													◆ RCV: XCS Welded Bellows Parts																																			
XCS1406660	AWARD: PO - Clean Fire - XCS Hutch Bellows	1	0	238	3,000.00	3,270.00	04/02/10	04/02/10													X AWARD: PO - Clean Fire - XCS Hutch Bellows																																			
XCS1406665	Clean Fire - XCS Bellows	30	0	238	3,000.00	3,270.00	04/05/10	05/14/10													▲ Clean Fire - XCS Bellows																																			
XCS1406675	RCV: XCS Bellows	0	0	238	0.00	0.00		06/04/10													◆ RCV: XCS Bellows																																			
XCS1406680	Prep Bid Pkg & App - XCS Spools	30	0	204	0.00	0.00	12/10/09	02/03/10													▲ Prep Bid Pkg & App - XCS Spools																																			
XCS1406685	AWARD: PO - XCS Spools	1	0	219	25,325.00	27,604.25	02/04/10	02/04/10													X AWARD: PO - XCS Spools																																			
XCS1406690	Vendor Effort - XCS Spools	60	0	219	25,325.00	27,604.25	02/05/10	04/29/10													▲ Vendor Effort - XCS Spools																																			
XCS1406905	RCV: XCS Spools	0	0	219	0.00	0.00		07/01/10													◆ RCV: XCS Spools																																			
XCS1406910	Prep Bid Pkg & App - XCS Flanges & Fittings	30	0	204	0.00	0.00	02/04/10	03/17/10													▲ Prep Bid Pkg & App - XCS Flanges & Fittings																																			
XCS1406915	AWARD: PO - XCS Flanges & Fittings	1	0	204	9,590.00	10,453.10	03/18/10	03/18/10													X AWARD: PO - XCS Flanges & Fittings																																			
XCS1406920	Vendor Effort - XCS Flanges & Fittings	60	0	204	9,590.00	10,453.10	03/19/10	06/10/10													▲ Vendor Effort - XCS Flanges & Fittings																																			
XCS1406945	RCV: XCS Flanges & Fittings	0	0	204	0.00	0.00		07/22/10													◆ RCV: XCS Flanges & Fittings																																			
06 Testing																																																								
XCS1406655	Inspect Procured Parts - XCS Bellows	10	0	238	8.00	804.72	03/19/10	04/01/10													▲ Inspect Procured Parts - XCS Bellows																																			
XCS1406670	Vacuum Process - XCS Bellows	15	0	238	16.00	1,609.44	05/17/10	06/04/10													▲ Vacuum Process - XCS Bellows																																			
XCS1406695	Inspect Procured Parts - XCS Spools	15	0	219	16.00	1,609.44	04/30/10	05/20/10													▲ Inspect Procured Parts - XCS Spools																																			
XCS1406699	Clean - XCS Spools	15	0	219	40.00	7,942.80	05/21/10	06/10/10													▲ Clean - XCS Spools																																			
XCS1406900	Vacuum Process - XCS Spools	15	0	219	40.00	4,023.60	06/11/10	07/01/10													▲ Vacuum Process - XCS Spools																																			
XCS1406925	Inspect Procured Parts - XCS Flanges & Fittings	10	0	204	16.00	1,609.44	06/11/10	06/24/10													▲ Inspect Procured Parts - XCS Flanges & Fittings																																			
XCS1406930	Clean - XCS Flanges & Fittings	10	0	204	24.00	4,765.68	06/25/10	07/08/10													▲ Clean - XCS Flanges & Fittings																																			
XCS1406940	Vacuum Process - XCS Flanges & Fittings	10	0	204	40.00	4,023.60	07/09/10	07/22/10													▲ Vacuum Process - XCS Flanges & Fittings																																			
XCS1406950	AVAIL: XCS Hutch Spools and Bellows Available	0	0	204	0.00	0.00		07/22/10													◆ AVAIL: XCS Hutch Spools and Bellows Available																																			

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D				J				F				M				D				J				F				M				D				J				F				M			
1.4.06.02.03 XCS Hutch Vacuum Supports																																																								
02 Design / Engineering																																																								
XCS1406700	START: XCS Hutch Vacuum Supports	0	0	338	0.00	0.00	07/15/09		◆ START: XCS Hutch Vacuum Supports																																															
XCS1406705	Generate Purchase Docs - XCS Bellows & Spools	20	0	285	40.00	4,768.68	09/28/09	10/23/09	▲▼ Generate Purchase Docs - XCS Bellows & Spools																																															
03 Procurement																																																								
XCS1406710	Prep Bid Pkg & App - XCS Drift Tube Supports	30	0	285	0.00	0.00	10/26/09	12/08/09	▲▼ Prep Bid Pkg & App - XCS Drift Tube Supports																																															
XCS1406715	AWARD: PO - XCS Drift Tube Supports	1	0	315	8,000.00	8,720.00	12/09/09	12/09/09	▲ AWARD: PO - XCS Drift Tube Supports																																															
XCS1406720	Vendor Effort - XCS Drift Tube Supports	30	0	315	8,000.00	8,720.00	12/10/09	02/03/10	▲▼ Vendor Effort - XCS Drift Tube Supports																																															
XCS1406725	RCV: XCS Drift Tube Supports	0	0	315	0.00	0.00		02/03/10	◆ RCV: XCS Drift Tube Supports																																															
XCS1406735	Prep Bid Pkg & App - XCS Pump Stations	30	0	285	0.00	0.00	12/09/09	02/02/10	▲▼ Prep Bid Pkg & App - XCS Pump Stations																																															
XCS1406740	AWARD: PO - XCS Pump Stations	1	0	285	39,500.00	43,055.00	02/03/10	02/03/10	▲ AWARD: PO - XCS Pump Stations																																															
XCS1406745	Vendor Effort - XCS Pump Supports	30	0	285	39,500.00	43,055.00	02/04/10	03/17/10	▲▼ Vendor Effort - XCS Pump Supports																																															
XCS1406750	RCV: XCS Pump Supports	0	0	285	0.00	0.00		03/17/10	◆ RCV: XCS Pump Supports																																															
06 Testing																																																								
XCS1406730	Inspect Procured Parts - XCS Drift Tube Supports	10	0	315	24.00	2,414.16	02/04/10	02/17/10	▲▼ Inspect Procured Parts - XCS Drift Tube Supports																																															
XCS1406755	Inspect Procured Parts - XCS Pump Supports	10	0	285	24.00	2,414.16	03/18/10	03/31/10	▲▼ Inspect Procured Parts - XCS Pump Supports																																															
XCS1406785	AVAIL: XCS Hutch Vacuum Available	0	0	285	0.00	0.00		03/31/10	◆ AVAIL: XCS Hutch Vacuum Available																																															
1.4.07.01 XCS XRT Installation																																																								
02 Design / Engineering																																																								
XCS1407210	Engineering Support - Procurement Prep	40	0	222	320.00	37,560.00	01/13/10	03/09/10	▲▼ Engineering Support - Procurement Prep																																															
XCS1407225	Engineering Oversight - Installation	80	0	286	320.00	37,560.00	02/10/10	06/01/10	▲▼ Engineering Oversight - Installation																																															
03 Procurement																																																								
XCS1407211	AWARD: PO - Vendor XCS XRT Installation	1	0	136	11,000.00	11,990.00	07/08/10	07/08/10	▲ AWARD: PO - Vendor XCS XRT Installation																																															
XCS1407212	Prep Bid Pkg & App - Installation Contracts	30	0	232	0.00	0.00	01/13/10	02/23/10	▲▼ Prep Bid Pkg & App - Installation Contracts																																															
XCS1407265	Install X-ray tunnel components - XRT Drift	20	0	136	10,120.00	22,824.48	07/09/10	08/05/10	▲▼ Install X-ray tunnel components - XRT Drift																																															
XCS1407266	RCV: Install X-ray Tunnel Comp - XRT Drift	0	0	136	0.00	0.00		08/05/10	◆ RCV: Install X-ray Tunnel Comp - XRT Drift																																															
XCS1407280	Core drill holes - XRT Rafts	10	0	136	1,000.00	1,120.00	10/01/10	10/14/10	▲▼ Core drill holes - XRT Rafts																																															
XCS1407281	COMP: Core Drill Holes - XRT Drift	0	0	136	0.00	0.00		10/14/10	◆ COMP: Core Drill Holes - XRT Drift																																															
XCS1407291	REQD: Large Offset Monochromator	0	0	207	0.00	0.00		03/02/11	◆ REQD: Large Offset Monochromator																																															
XCS1407292	REQD: Channel Cut Monochromator	0	0	118	0.00	0.00		11/23/10	◆ REQD: Channel Cut Monochromator																																															
07 Installation																																																								
XCS1407200	START: XCS XRT Installation	0	0	222	0.00	0.00	11/02/09		◆ START: XCS XRT Installation																																															
XCS1407205	Pre-Installation Planning and Coordination	40	0	222	320.00	37,560.00	11/02/09	01/12/10	▲▼ Pre-Installation Planning and Coordination																																															
XCS1407215	Prep for Installation Readiness Review- CXI Inst	20	0	223	200.00	22,294.80	01/13/10	02/09/10	▲▼ Prep for Installation Readiness Review- CXI Inst																																															
XCS1407220	Generate Installation Procedures/Checklists	20	0	223	160.00	18,780.00	01/13/10	02/09/10	▲▼ Generate Installation Procedures/Checklists																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
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XCS1407230	Refine Network & Monumentation- XRT	20	0	223	80.00	6,896.00	02/10/10	03/09/10	Refine Network & Monumentation- XRT																																															
XCS1407270	Checkout X-Ray tunnel systems - XRT Drift	20	0	136	80.00	8,037.92	08/06/10	09/02/10	Checkout X-Ray tunnel systems - XRT Drift																																															
XCS1407275	Hole template layout - XRT Rafts	20	0	136	40.00	3,448.00	09/03/10	09/30/10	Hole template layout - XRT Rafts																																															
XCS1407285	REQD: XCS Stoppers	0	0	157	0.00	0.00		09/15/10	REQD: XCS Stoppers																																															
XCS1407286	REQD: XCS XRT Vacuum Equipment Available	0	0	217	0.00	0.00		06/23/10	REQD: XCS XRT Vacuum Equipment Available																																															
XCS1407287	REQD: XCS XRT Spools and Bellows Available	0	0	217	0.00	0.00		06/23/10	REQD: XCS XRT Spools and Bellows Available																																															
XCS1407288	REQD: XCS XRT Vacuum Supports Available	0	0	247	0.00	0.00		05/12/10	REQD: XCS XRT Vacuum Supports Available																																															
XCS1407289	REQD: Common Optics and Diagnostics	1	0	104	0.00	0.00	12/01/10	12/01/10	REQD: Common Optics and Diagnostics																																															
XCS1407290	Rig / Transport Diagnostic Components	10	0	104	120.00	12,553.20	12/02/10	12/15/10	Rig / Transport Diagnostic Components																																															
XCS1407295	Prep for and Install Rafts & Mono	10	0	104	40.00	4,184.40	12/16/10	01/12/11	Prep for and Install Rafts & Mono																																															
XCS1407297	Miscellaneous Hardware	1	0	104	5,000.00	5,600.00	01/13/11	01/13/11	Miscellaneous Hardware																																															
XCS1407300	Prep for and Install Diagnostic Components	10	0	104	120.00	12,553.20	01/14/11	01/27/11	Prep for and Install Diagnostic Components																																															
XCS1407305	Interconnect Vacuum System	10	0	80	80.00	8,368.80	03/03/11	03/16/11	Interconnect Vacuum System																																															
XCS1407310	Pump & Leak Check XRT	2	0	80	40.00	4,184.40	03/17/11	03/18/11	Pump & Leak Check XRT																																															
XCS1407315	Final XRT Alignment	5	0	80	80.00	7,171.20	03/21/11	03/25/11	Final XRT Alignment																																															
XCS1407320	Install Component Specific Pwr-Data-Fluid Lines	5	0	80	120.00	9,711.60	03/28/11	04/01/11	Install Component Specific Pwr-Data-Fluid Lines																																															
XCS1407325	XRT Vacuum System Functional Checks	10	0	80	320.00	33,428.00	04/04/11	04/15/11	XRT Vacuum System Functional Checks																																															
XCS1407330	XRT Diag/Cm Optics Ctrl/Interlocks Checks	10	0	80	160.00	11,054.40	04/18/11	04/29/11	XRT Diag/Cm Optics Ctrl/Interlocks Checks																																															
XCS1407335	XRT Diag/Cm Optics Functional Checks	10	0	80	240.00	24,525.20	05/02/11	05/13/11	XRT Diag/Cm Optics Functional Checks																																															
XCS1407340	Install Local XTT Radiation Shielding	10	0	80	80.00	8,368.80	05/16/11	05/27/11	Install Local XTT Radiation Shielding																																															
XCS1407345	COMP: XCS XRT Installation Complete	0	0	80	0.00	0.00		05/27/11	COMP: XCS XRT Installation Complete																																															
1.4.07.02 XCS Hutch Installation																																																								
03 Procurement																																																								
XCS1407585	Prep Bid Pkg & App - Installation Contracts	40	0	100	640.00	75,120.00	01/13/10	03/09/10	Prep Bid Pkg & App - Installation Contracts																																															
XCS1407600	AWARD: PO - Vender XCS Hutch Installation	1	0	230	70,000.00	76,300.00	03/10/10	03/10/10	AWARD: PO - Vender XCS Hutch Installation																																															
XCS1407642	Prep Bid Pkg & App - XCS Hutch Fac Drop Floor	30	0	100	0.00	0.00	03/10/10	04/20/10	Prep Bid Pkg & App - XCS Hutch Fac Drop Floor																																															
XCS1407645	AWARD: PO - XCS Hutch Facilities Drop Floor	1	0	100	20,423.00	22,261.07	04/21/10	04/21/10	AWARD: PO - XCS Hutch Facilities Drop Floor																																															
XCS1407650	Vendor Fab - XCS Hutch Facilities Drop Floor	100	0	100	20,423.00	22,261.07	04/22/10	09/08/10	Vendor Fab - XCS Hutch Facilities Drop Floor																																															
XCS1407652	RCV: XCS Hutch Facilities Drop Floor	0	0	100	0.00	0.00		09/08/10	RCV: XCS Hutch Facilities Drop Floor																																															
XCS1407658	Prep Bid Pkg & App - XCS Concrete Work	30	0	486	0.00	0.00	04/07/10	05/18/10	Prep Bid Pkg & App - XCS Concrete Work																																															
XCS1407660	AWARD: PO - XCS Concrete Work	1	0	486	17,000.00	18,530.00	05/19/10	05/19/10	AWARD: PO - XCS Concrete Work																																															
XCS1407665	Vendor Fab - XCS Concrete Work	20	0	486	17,000.00	18,530.00	05/20/10	06/16/10	Vendor Fab - XCS Concrete Work																																															
XCS1407680	RCV: XCS Concrete Work	0	0	486	0.00	0.00		06/16/10	RCV: XCS Concrete Work																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
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XCS1407690	REQD: XCS Hutch Spts, Table & Shielding	0	0	187	0.00	0.00		05/10/10													◆ REQD: XCS Hutch Spts, Table & Shielding																																			
XCS1407692	Prep Bid Pkg & App - PreXCS Granite Installation	30	0	526	0.00	0.00	03/10/10	04/20/10													▲▲▲ Prep Bid Pkg & App - PreXCS Granite Installation																																			
XCS1407695	AWARD: PO - XCS Granite Installation	1	0	526	20,000.00	21,800.00	04/21/10	04/21/10													✕ AWARD: PO - XCS Granite Installation																																			
XCS1407697	AVAIL: XCS Granite Floor for Installation	0	0	108	0.00	0.00	08/16/10														◆ AVAIL: XCS Granite Floor for Installation																																			
XCS1407700	Vendor Effort - XCS Granite Installation	20	0	444	20,000.00	21,800.00	08/16/10	09/10/10													▲▲▲ Vendor Effort - XCS Granite Installation																																			
XCS1407705	RCV: XCS Granite Installation	0	0	444	0.00	0.00		09/10/10													◆ RCV: XCS Granite Installation																																			
XCS1407710	Prep Bid Pkg & App -XCS120V, 20a circuits, distr	30	0	526	0.00	0.00	03/10/10	04/20/10													▲▲▲ Prep Bid Pkg & App -XCS120V, 20a circuits, distr																																			
XCS1407735	AWARD: PO - XCS 120V, 20a circuits, distribution	1	0	526	1,650.00	1,798.50	04/21/10	04/21/10													✕ AWARD: PO - XCS 120V, 20a circuits, distribution																																			
XCS1407740	Vendor Fab - 120V, 20a circuits, distribution	20	0	444	1,650.00	1,798.50	08/16/10	09/10/10													▲▲▲ Vendor Fab - 120V, 20a circuits, distribution																																			
XCS1407745	RCV: 120V, 20a circuits, distribution	0	0	444	0.00	0.00		09/10/10													◆ RCV: 120V, 20a circuits, distribution																																			
XCS1407750	Prep Bid Pkg & App - XCS Power & Water to Racks	30	0	190	0.00	0.00	03/10/10	04/20/10													▲▲▲ Prep Bid Pkg & App - XCS Power & Water to Racks																																			
XCS1407765	AWARD: PO - XCS Power & Water to Racks	1	0	190	19,560.00	21,320.40	04/21/10	04/21/10													✕ AWARD: PO - XCS Power & Water to Racks																																			
XCS1407770	Vendor Fab - XCS Power & Water to Racks	60	0	108	19,560.00	21,907.20	08/16/10	11/05/10													▲▲▲ Vendor Fab - XCS Power & Water to Racks																																			
XCS1407800	RCV: XCS Power & Water to Racks	0	0	108	0.00	0.00		11/05/10													◆ RCV: XCS Power & Water to Racks																																			
07 Installation																																																								
XCS1407400	START: XCS Hutch Installation	0	0	100	0.00	0.00	11/02/09														◆ START: XCS Hutch Installation																																			
XCS1407540	AVAIL: Compressed Air Distribution	0	0	88	0.00	0.00	08/30/10														◆ AVAIL: Compressed Air Distribution																																			
XCS1407550	Install - FEH H4 floor anchors	20	0	88	190.00	16,309.00	08/30/10	09/24/10													▲▲▲ Install - FEH H4 floor anchors																																			
XCS1407565	Pre-Installation Planning and Coordination	40	0	100	320.00	37,560.00	11/02/09	01/12/10													▲▲▲ Pre-Installation Planning and Coordination																																			
XCS1407590	Prep for Installation Readiness Review- CXI Inst	20	0	281	200.00	22,294.80	01/13/10	02/09/10													▲▲▲ Prep for Installation Readiness Review- CXI Inst																																			
XCS1407595	Generate Installation Procedures/Checklists	20	0	281	160.00	18,780.00	02/10/10	03/09/10													▲▲▲ Generate Installation Procedures/Checklists																																			
XCS1407605	Installation Oversight	80	0	281	320.00	37,560.00	03/10/10	06/29/10													▲▲▲ Installation Oversight																																			
XCS1407610	Pre-installation survey/marketing of XTT/FEH H4	20	0	486	240.00	20,688.00	03/10/10	04/06/10													▲▲▲ Pre-installation survey/marketing of XTT/FEH H4																																			
XCS1407620	UTR - Granite Work	1	0	536	80.00	9,118.40	04/07/10	04/07/10													✕ UTR - Granite Work																																			
XCS1407655	REQD: XCS Hutch Spools and Bellows Available	0	0	204	0.00	0.00		07/22/10													◆ REQD: XCS Hutch Spools and Bellows Available																																			
XCS1407725	Rig / Transport / Install Granite Tables to Hutc	10	0	88	30,000.00	33,600.00	09/27/10	10/08/10													▲▲▲ Rig / Transport / Install Granite Tables to Hutc																																			
XCS1407730	REQD: XCS Hutch Vacuum Available	0	0	285	0.00	0.00		03/31/10													◆ REQD: XCS Hutch Vacuum Available																																			
XCS1407753	REQD: XCS Diffractometer Available	0	0	161	0.00	0.00	01/21/11														◆ REQD: XCS Diffractometer Available																																			
XCS1407755	Prep for and Install Diffractometer	10	0	161	15,000.00	16,800.00	01/21/11	02/03/11													▲▲▲ Prep for and Install Diffractometer																																			
XCS1407775	REQD: XCS Hutch Vacuum Equipment Available	0	0	230	0.00	0.00	06/17/10														◆ REQD: XCS Hutch Vacuum Equipment Available																																			
XCS1407780	Rig / Transport Vacuum Components & Supports to	10	0	88	80.00	8,368.80	10/11/10	10/22/10													▲▲▲ Rig / Transport Vacuum Components & Supports to																																			
XCS1407785	Rig / Transport Diagnostics & Optics to Hutch	10	0	88	80.00	8,368.80	10/25/10	11/05/10													▲▲▲ Rig / Transport Diagnostics & Optics to Hutch																																			

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12																																																																																							
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XCS1407790	Prep for, Install Vacuum Supports	10	0	88	80.00	8,368.80	11/08/10	11/19/10																									▲▲▲ Prep for, Install Vacuum Supports																																																																																																			
XCS1407795	Grout FEH H4 Support Stands	10	0	88	36.00	3,155.12	11/22/10	12/07/10																									▲▲▲ Grout FEH H4 Support Stands																																																																																																			
XCS1407815	REQD: XRT DCO Equipment from WBS 1.5	0	0	123	0.00	0.00		10/15/10																									◆ REQD: XRT DCO Equipment from WBS 1.5																																																																																																			
XCS1407820	Prep for and Install Beamline Components	10	0	88	120.00	12,553.20	12/08/10	01/04/11																									▲▲▲ Prep for and Install Beamline Components																																																																																																			
XCS1407825	Perform Beamline Rough Alignment	10	0	88	80.00	7,171.20	01/05/11	01/18/11																									▲▲▲ Perform Beamline Rough Alignment																																																																																																			
XCS1407830	Interconnect Vacuum System	5	0	88	48.00	5,021.28	01/19/11	01/25/11																									▲▲▲ Interconnect Vacuum System																																																																																																			
XCS1407835	Install Component Specific Pwr-Data-Fluid Lines	5	0	88	80.00	6,948.00	01/26/11	02/01/11																									▲▲▲ Install Component Specific Pwr-Data-Fluid Lines																																																																																																			
XCS1407840	Interconnect & Test Pwr-Data-Fluid Lines	5	0	88	120.00	9,711.60	02/02/11	02/08/11																									▲▲▲ Interconnect & Test Pwr-Data-Fluid Lines																																																																																																			
XCS1407845	Pump & Leak Check	5	0	88	48.00	5,021.28	02/09/11	02/15/11																									▲▲▲ Pump & Leak Check																																																																																																			
XCS1407850	Perform Beamline Fine Alignment	10	0	88	80.00	7,171.20	02/16/11	03/01/11																									▲▲▲ Perform Beamline Fine Alignment																																																																																																			
XCS1407855	Install Detector Mover & Vacuum Chamber	10	0	88	25,000.00	28,000.00	03/02/11	03/15/11																									▲▲▲ Install Detector Mover & Vacuum Chamber																																																																																																			
XCS1407860	Install Det Mvr Pwr-Data-Fluid Lines	5	0	88	80.00	6,948.00	03/16/11	03/22/11																									▲▲▲ Install Det Mvr Pwr-Data-Fluid Lines																																																																																																			
XCS1407865	Interconnect & Test Det Mvr Pwr-Data-Fluid Lines	5	0	88	80.00	6,948.00	03/23/11	03/29/11																									▲▲▲ Interconnect & Test Det Mvr Pwr-Data-Fluid Lines																																																																																																			
XCS1407870	REQD: BNL Detector & Controls HW/SW	0	0	75	0.00	0.00		04/15/11																									◆ REQD: BNL Detector & Controls HW/SW																																																																																																			
XCS1407875	Prep for and Install BNL Detector	25	0	75	0.00	0.00	04/18/11	05/20/11																									▲▲▲ Prep for and Install BNL Detector																																																																																																			
XCS1407880	Functional Checks - FEH H4 Diag/Cm Optics	10	0	88	320.00	31,836.40	03/30/11	04/12/11																									▲▲▲ Functional Checks - FEH H4 Diag/Cm Optics																																																																																																			
XCS1407885	Functional Checks - Detector Mvr	15	0	88	600.00	61,108.80	04/13/11	05/03/11																									▲▲▲ Functional Checks - Detector Mvr																																																																																																			
XCS1407890	Install Beamline Radiation Shielding	10	0	75	80.00	8,368.80	05/23/11	06/03/11																									▲▲▲ Install Beamline Radiation Shielding																																																																																																			
XCS1407895	COMP: XCS Hutch ES Installation Complete	0	0	75	0.00	0.00		06/03/11																									◆ COMP: XCS Hutch ES Installation Complete																																																																																																			
XCS1408050	COMP: XCS Hutch CD4 Installation Complete	0	0	140	0.00	0.00		06/03/11																									◆ COMP: XCS Hutch CD4 Installation Complete																																																																																																			
1.5 DIAGNOSTICS & COMMON OPTICS																																																																																																																																				
01 Management / Administration																																																																																																																																				
DI 00110	COMP: DCO Design Ready for XPP FIDR	0	100		0.00	0.00		02/17/09A																									◆ COMP: DCO Design Ready for XPP FIDR																																																																																																			
DI 00112	COMP: DCO Design Ready for CXI FIDR	0	100		0.00	0.00		02/27/09A																									◆ COMP: DCO Design Ready for CXI FIDR																																																																																																			
DI 00114	COMP: DCO Design Ready for XCS FIDR	0	0	-2	0.00	0.00		06/15/09																									◆ COMP: DCO Design Ready for XCS FIDR																																																																																																			
DI 00120	COMP: Dia & Common Optics Final Design	0	0	169	0.00	0.00		11/17/09																									◆ COMP: Dia & Common Optics Final Design																																																																																																			
DI 00150	COMP: Diagnostics & Common Optics XPP ES RFI	0	0	32	0.00	0.00		06/14/10																									◆ COMP: Diagnostics & Common Optics XPP ES RFI																																																																																																			
DI 00160	COMP: Diagnostics & Common Optics CXI ES RFI	0	0	190	0.00	0.00		08/04/10																									◆ COMP: Diagnostics & Common Optics CXI ES RFI																																																																																																			
DI 00170	COMP: Diagnostics & Common Optics CD-4 RFI	0	0	106	0.00	0.00		04/21/11																									◆ COMP: Diagnostics & Common Optics CD-4 RFI																																																																																																			
1.5.01 Diagnostics & Common Optics System Integration &																																																																																																																																				
02 Design / Engineering																																																																																																																																				
DI 01040	START: Diagnostics	0	100		0.00	0.00		09/04/07A																																																																																																																												
DI 01060	Diagnostic Physics Support FY07	19	100		0.00	0.00		09/04/07A																																																																																																																												

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
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DI 01080	Diagnostic Physics Support FY08-Q1 & Q2	121	100		100,832.75	100,832.75	10/01/07A	03/31/08A																																																
DI 01084	Apr08 through Sep08 Plan Adjustment	21	100		230,732.02	230,732.02	09/01/08A	09/30/08A																																																
DI 01085	Diagnostic Physics Support FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
DI 01100	Diagnostic Physics Support Oct09	21	100		0.00	0.00	10/01/08A	10/31/08A																																																
DI 01101	Diagnostic Physics Support FY09-Q1 & Q2	118	100		488.00	63,849.92	10/01/08A	03/31/09A	Diagnostic Physics Support FY09-Q1 & Q2																																															
DI 01103	Diagnostic Physics Support FY09-Q3 & Q4	131*	17	126	488.00	63,849.92	04/01/09A	09/30/09	Diagnostic Physics Support FY09-Q3 & Q4																																															
DI 01120	Diagnostic Physics Support FY10	249	0	126	996.00	135,535.68	10/01/09	09/30/10	Diagnostic Physics Support FY10																																															
DI 01140	Diagnostic Physics Support FY11	249	0	126	498.00	70,476.96	10/01/10	09/30/11	Diagnostic Physics Support FY11																																															
DI 01160	Diagnostic Physics Support FY12	55	0	126	110.00	16,190.90	10/03/11	12/23/11	Diagnostic Physics Support FY12																																															
DI 01170	Engineering Integration & Support FY07	19	100		0.00	0.00	09/04/07A	09/28/07A																																																
DI 01180	Engineering Integration & Support FY08-Q1 & Q2	121	100		32,700.00	32,700.00	10/01/07A	03/31/08A																																																
DI 01185	Engineering Integration & Support FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
DI 01190	Engineering Integration & Support Oct09	21	100		0.00	0.00	10/01/08A	10/31/08A																																																
DI 01191	Engineering Integration & Support FY09-Q1 & Q2	118	100		488.00	56,261.52	10/01/08A	03/31/09A	Engineering Integration & Support FY09-Q1 & Q2																																															
DI 01193	Engineering Integration & Support FY09-Q3 & Q4	131*	17	126	488.00	56,261.52	04/01/09A	09/30/09	Engineering Integration & Support FY09-Q3 & Q4																																															
DI 01200	Engineering Integration & Support FY10	249	0	126	747.00	89,572.77	10/01/09	09/30/10	Engineering Integration & Support FY10																																															
DI 01210	Engineering Integration & Support FY11	249	0	126	747.00	93,150.90	10/01/10	09/30/11	Engineering Integration & Support FY11																																															
DI 01220	Engineering Integration & Support FY12	55	0	126	110.00	14,265.90	10/03/11	12/23/11	Engineering Integration & Support FY12																																															
DI 01280	DIA & Optics Sys Integ & Design FY08-Q1 & Q2	121	100		352.00	352.00	10/01/07A	03/31/08A																																																
DI 01285	DIA & Optics Sys Integ & Design FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
DI 01290	DIA & Optics Sys Integ & Design Oct09	21	100		0.00	0.00	10/01/08A	10/31/08A																																																
DI 01291	DIA & Optics Sys Integ & Design FY09-Q1 & Q2	118	100		226.00	24,647.56	10/01/08A	03/31/09A	DIA & Optics Sys Integ & Design FY09-Q1 & Q2																																															
DI 01293	DIA & Optics Sys Integ & Design FY09-Q3 & Q4	131*	17	126	452.00	49,295.12	04/01/09A	09/30/09	DIA & Optics Sys Integ & Design FY09-Q3 & Q4																																															
DI 01300	DIA & Optics Sys Integ & Design FY10	249	0	126	498.00	56,483.16	10/01/09	09/30/10	DIA & Optics Sys Integ & Design FY10																																															
DI 01310	DIA & Optics Sys Integ & Design FY11	249	0	126	249.00	29,372.04	10/01/10	09/30/11	DIA & Optics Sys Integ & Design FY11																																															
DI 01320	DIA & Optics Sys Integ & Design FY12	55	0	126	0.00	0.00	10/03/11	12/23/11	DIA & Optics Sys Integ & Design FY12																																															
DI 01330	DIA & Optics Project Related Travel FY08-Q1 & Q2	121	100		0.00	0.00	10/01/07A	03/31/08A																																																
DI 01335	DIA & Optic Project Related Travel FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
DI 01340	DIA & Optics Project Related Travel FY09-Q1 & Q2	118	100		5,000.00	6,000.00	10/01/08A	03/31/09A	DIA & Optics Project Related Travel FY09-Q1 & Q2																																															
DI 013442	DIA & Optics Project Related Travel FY09-Q3 & Q4	131*	17	126	5,000.00	6,000.00	04/01/09A	09/30/09	DIA & Optics Project Related Travel FY09-Q3 & Q4																																															
DI 01350	DIA & Optics Project Related Travel FY10	249	0	126	13,000.00	15,990.00	10/01/09	09/30/10	DIA & Optics Project Related Travel FY10																																															
DI 01360	DIA & Optics Project Related Travel FY11	249	0	126	10,000.00	12,600.00	10/01/10	09/30/11	DIA & Optics Project Related Travel FY11																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
DI 01370	DIA & Optics Project Related Travel FY12	55	0	126	0.00	0.00	10/03/11	12/23/11	DIA & Optics Project Related Travel FY12																																															
DI 01380	DIA & Optics Lab Supplies FY08-Q1 & Q2	121	100		0.00	0.00	10/01/07A	03/31/08A																																																
DI 01385	DIA & Optics Lab Supplies FY08 Q3 &Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
DI 01390	DIA & Optics Lab Supplies FY09-Q1 & Q2	118	100		4,980.00	5,328.60	10/01/08A	03/31/09A	DIA & Optics Lab Supplies FY09-Q1 & Q2																																															
DI 01392	DIA & Optics Lab Supplies FY09-Q3 & Q4	131*	17	126	4,980.00	5,328.60	04/01/09A	09/30/09	DIA & Optics Lab Supplies FY09-Q3 & Q4																																															
DI 01400	DIA & Optics Lab Supplies FY10	249	0	126	9,960.00	10,856.40	10/01/09	09/30/10	DIA & Optics Lab Supplies FY10																																															
DI 01410	DIA & Optics Lab Supplies FY11	249	0	126	4,980.00	5,577.60	10/01/10	09/30/11	DIA & Optics Lab Supplies FY11																																															
DI 01420	DIA & Optics Lab Supplies FY12	55	0	126	1,100.00	1,254.00	10/03/11	12/23/11	DIA & Optics Lab Supplies FY12																																															

1.5.02.01 Pop-in Profile/Wavefront Monitor

02 Design / Engineering

DI 01440	START: Pop-In Profile Monitor (PM)	0	100		0.00	0.00	10/01/07A	
DI 01460	Generate PRD - Pop-In Profile Monitor	70	100		0.00	0.00	10/01/07A	12/12/07A
DI 01500	Generate ESD - Pop-In PM	30	100		0.00	0.00	12/13/07A	02/15/08A
DI 01505	Update PRD - Pop-in Profile Monitor	10	100		0.00	0.00	04/01/08A	07/08/08A
DI 01507	COMP: PRD Released - Pop-In Profile Monitor	0	100		0.00	0.00		09/30/08A
DI 01508	Apr08 through Sep08 Plan adjustment	21	100		39,231.38	39,231.38	09/01/08A	09/30/08A
DI 01510	Update Engr Spec Doc - Pop-In PM	20	100		0.00	0.00	03/16/09A	04/07/09A
DI 01520	COMP: ESD Released - Pop-In Profile Monitor	0	100		0.00	0.00		04/08/09A
DI 01540	Prelim Design & Analysis - Pop-In PM	60	100		0.00	0.00	12/13/07A	03/17/08A
DI 01550	Update Preliminary Design & Analysis - Pop-In PM	40	100		0.00	0.00	04/29/08A	01/12/09A
DI 01555	Prep for PDR - Pop-in PM & Support	10	100		0.00	0.00	07/23/08A	01/12/09A
DI 01560	PDR - Prelim Design Rev - Pop-In PM & Support	1	100		8.00	806.84	01/13/09A	01/13/09A
DI 01580	Finalize Design - Pop-In PM	40	100		160.00	14,982.00	01/14/09A	05/29/09A
DI 01600	Generate Detail Piece Part Drawings - Pop-In PM	47	70	755	120.00	10,947.80	03/02/09A	06/16/09
DI 01602	Check & Release Dwgs - Pop-In PM	30	20	743	60.00	5,185.20	05/25/09A	07/02/09
DI 01603	COMP: Piece Part Drawngs - Pop-In PM	0	0	743	0.00	0.00		07/02/09
DI 01605	Prep for FDR - Pop-In PM & Support	15	100		50.00	4,609.70	02/27/09A	04/09/09A
DI 01620	FDR - Final Design Rev - Pop-In PM & Support	1	100		8.00	806.84	04/10/09A	04/10/09A
DI 01630	Incorp FDR Changes - PM	20	60	22	80.00	6,913.60	05/18/09A	06/10/09
DI 01640	Detail, Check, Release Assy Drawings - Pop-In PM	20	20	99	40.00	3,456.80	05/25/09A	06/22/09
DI 01650	Generate Mfg Docs - Pop-In PM	20	0	99	80.00	9,223.20	06/23/09	07/20/09
DI 01670	Prep for Design Status Review - PM	10	0	99	50.00	5,475.80	07/21/09	08/03/09
DI 01680	Design Status Review - PM	1	0	99	8.00	806.84	08/04/09	08/04/09



Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
DI 01690	COMP: Design Phase Complete - PM & Support	0	0	99	0.00	0.00		08/04/09	COMP: Design Phase Complete - PM & Support																																															
DI 01710	Prelim Design & Analysis - PM Support	10	100		0.00	0.00	07/09/08A	01/12/09A	Prelim Design & Analysis - PM Support																																															
DI 01720	Finalize Design - PM support	35	100		24.00	2,305.04	01/14/09A	02/27/09A	Finalize Design - PM support																																															
DI 01730	Generate Detail Drawings - PM Support	20	100		30.00	2,736.95	01/30/09A	04/03/09A	Generate Detail Drawings - PM Support																																															
DI 01740	Check & Release Dwgs - PM Support	20	65	107	15.00	1,296.30	05/18/09A	06/10/09	Check & Release Dwgs - PM Support																																															
DI 01742	COMP: Drawings -PM Support	0	0	759	0.00	0.00		06/10/09	COMP: Drawings -PM Support																																															
DI 01745	Generate PRD - Wavefront Monitor	25	100		0.00	0.00	04/15/08A	07/08/08A																																																
DI 01750	COMP: PRD Released - Wavefront Monitor	0	100		0.00	0.00		07/08/08A																																																
DI 01755	Generate ESD - Wavefront Monitor	20	85	164	40.00	4,611.60	11/03/08A	06/04/09	Generate ESD - Wavefront Monitor																																															
DI 01760	COMP: ESD Released - Wavefront Monitor	0	0	164	0.00	0.00		06/04/09	COMP: ESD Released - Wavefront Monitor																																															
DI 01780	Prelim Design & Analysis - Wavefront Monitor	20	100		90.00	8,066.50	12/15/08A	03/17/09A	Prelim Design & Analysis - Wavefront Monitor																																															
DI 01790	Prep for PDR - Wavefront Monitor	15	100		50.00	5,475.80	02/23/09A	03/11/09A	Prep for PDR - Wavefront Monitor																																															
DI 01795	PDR - Prelim Design Rev - Wavefront Monitor	1	100		8.00	806.84	03/12/09A	03/12/09A	PDR - Prelim Design Rev - Wavefront Monitor																																															
DI 01800	Finalize Design - Wavefront Monitor	20	40	156	50.00	4,609.70	05/25/09A	06/16/09	Finalize Design - Wavefront Monitor																																															
DI 01840	Detail Piece Part Drawings - Wavefront Monitor	30	10	148	60.00	5,473.90	05/25/09A	06/19/09	Detail Piece Part Drawings - Wavefront Monitor																																															
DI 01850	Prep for FDR - Pop-In Wavefront	15	0	156	50.00	4,609.70	06/17/09	07/07/09	Prep for FDR - Pop-In Wavefront																																															
DI 01855	FDR - Final Design Rev - Pop-In Wavefront	1	0	148	8.00	806.84	07/20/09	07/20/09	FDR - Final Design Rev - Pop-In Wavefront																																															
DI 01860	Check & Release Dwgs - Wavefront Monitor	20	0	148	30.00	2,592.60	06/22/09	07/17/09	Check & Release Dwgs - Wavefront Monitor																																															
DI 01880	Detail Assembly Drawings - Wavefront Monitor	10	0	159	16.00	1,382.72	06/22/09	07/03/09	Detail Assembly Drawings - Wavefront Monitor																																															
DI 01900	COMP: Final Design & Detail Dwgs - Wavefront	0	0	148	0.00	0.00		07/20/09	COMP: Final Design & Detail Dwgs - Wavefront																																															
03 Procurement																																																								
DI 01920	Prep Bid Pkg & App - XPP/CXI/XCS PM Parts	20	0	22	0.00	0.00	06/11/09	07/08/09	Prep Bid Pkg & App - XPP/CXI/XCS PM Parts																																															
DI 01922	RELEASE RFP: XPP/CXI/XCS PM Parts	0	0	22	0.00	0.00		07/08/09	RELEASE RFP: XPP/CXI/XCS PM Parts																																															
DI 01924	Vendor Proposal Effort - XPP/CXI/XCS PM Parts	15	0	22	0.00	0.00	07/09/09	07/29/09	Vendor Proposal Effort - XPP/CXI/XCS PM Parts																																															
DI 01926	RCV: Vendor Proposals - XPP/CXI/XCS PM Parts	0	0	22	0.00	0.00		07/29/09	RCV: Vendor Proposals - XPP/CXI/XCS PM Parts																																															
DI 01928	Eval & Selection Process - XPP/CXI/XCS PM Parts	10	0	22	0.00	0.00	07/30/09	08/12/09	Eval & Selection Process - XPP/CXI/XCS PM Parts																																															
DI 01930	SLAC Approval Process - XPP/CXI/XCS PM Parts	5	0	22	0.00	0.00	08/13/09	08/19/09	SLAC Approval Process - XPP/CXI/XCS PM Parts																																															
DI 01932	DOE Approval Process - XPP/CXI/XCS PM Parts	5	0	22	0.00	0.00	08/20/09	08/26/09	DOE Approval Process - XPP/CXI/XCS PM Parts																																															
DI 01940	AWARD: XPP PM Parts	1	0	22	64,037.00	68,519.59	08/27/09	08/27/09	AWARD: XPP PM Parts																																															
DI 01960	Vendor Fab - XPP PM Parts	60	0	22	64,037.00	69,800.33	08/28/09	11/19/09	Vendor Fab - XPP PM Parts																																															
DI 01980	RCV: XPP PM Parts	0	0	22	0.00	0.00		11/19/09	RCV: XPP PM Parts																																															
DI 10640	AWARD: CXI/XCS PM Parts	1	0	97	186,206.00	202,964.54	11/02/09	11/02/09	AWARD: CXI/XCS PM Parts																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
DI 10660	Vendor Fab - CXI PM Parts	60	0	97	82,536.00	89,964.24	11/03/09	02/10/10													Vendor Fab - CXI PM Parts																																			
DI 10680	RCV: CXI PM Parts	0	0	97	0.00	0.00		02/10/10													RCV: CXI PM Parts																																			
DI 13340	Vendor Fab - XCS PM Parts	60	0	140	103,670.00	113,000.30	02/11/10	05/05/10													Vendor Fab - XCS PM Parts																																			
DI 13360	RCV: XCS PM Parts	0	0	140	0.00	0.00		05/05/10													RCV: XCS PM Parts																																			
DI 13380	Prep Bid Pkg & App - CXI Wavefront Monitor Parts	20	0	148	0.00	0.00	07/21/09	08/17/09													Prep Bid Pkg & App - CXI Wavefront Monitor Parts																																			
DI 13382	RELEASE RFP: CXI Wavefront Monitor Parts	0	0	148	0.00	0.00		08/17/09													RELEASE RFP: CXI Wavefront Monitor Parts																																			
DI 13384	Vendor Proposal Effort - CXI Wavefront Mon Parts	15	0	148	0.00	0.00	08/18/09	09/07/09													Vendor Proposal Effort - CXI Wavefront Mon Parts																																			
DI 13386	RCV: Vendor Proposals - CXI Wavefront Mon Parts	0	0	148	0.00	0.00		09/07/09													RCV: Vendor Proposals - CXI Wavefront Mon Parts																																			
DI 13388	Eval & Selection Process - CXI W/F Mon Parts	20	0	148	0.00	0.00	09/08/09	10/05/09													Eval & Selection Process - CXI W/F Mon Parts																																			
DI 13390	SLAC Approval Process - CXI Wavefront Mon Parts	5	0	148	0.00	0.00	10/06/09	10/12/09													SLAC Approval Process - CXI Wavefront Mon Parts																																			
DI 13392	DOE Approval Process - CXI Wavefront Mon Parts	5	0	148	0.00	0.00	10/13/09	10/19/09													DOE Approval Process - CXI Wavefront Mon Parts																																			
DI 13460	AWARD: CXI Wavefront Monitor Parts	1	0	148	35,352.00	38,533.68	10/20/09	10/20/09													AWARD: CXI Wavefront Monitor Parts																																			
DI 13540	Vendor Fab - CXI Wavefront Monitor Parks	50	0	148	35,352.00	38,533.68	10/21/09	01/14/10													Vendor Fab - CXI Wavefront Monitor Parks																																			
DI 13560	RCV: CXI Wavefront Monitor Parts	0	0	148	0.00	0.00		01/14/10													RCV: CXI Wavefront Monitor Parts																																			
05 Fab / Assembly																																																								
DI 02020	Inspect Procured Parts - XPP PM Parts	10	0	22	31.50	3,168.59	11/20/09	12/07/09													Inspect Procured Parts - XPP PM Parts																																			
DI 02040	Clean - all XPP PM Parts	10	0	22	18.00	3,574.26	12/08/09	01/04/10													Clean - all XPP PM Parts																																			
DI 02060	In-House Assembly - XPP PM 1st Article	30	0	22	117.00	12,539.91	01/05/10	02/15/10													In-House Assembly - XPP PM 1st Article																																			
DI 02085	Inspect & Fiducialize - XPP PM 1st Article	10	0	22	20.00	1,724.00	02/16/10	03/01/10													Inspect & Fiducialize - XPP PM 1st Article																																			
DI 02090	Vacuum Process - XPP PM 1st Article Parts	10	0	22	40.00	4,023.60	03/02/10	03/15/10													Vacuum Process - XPP PM 1st Article Parts																																			
DI 10720	Inspect Procured Parts - CXI PM Parts	10	0	97	42.00	4,224.78	02/11/10	02/24/10													Inspect Procured Parts - CXI PM Parts																																			
DI 10740	Clean - all CXI PM Parts	10	0	97	19.00	3,772.83	02/25/10	03/10/10													Clean - all CXI PM Parts																																			
DI 10760	In-House Assembly - CXI PM Parts	30	0	97	132.50	13,807.06	03/11/10	04/21/10													In-House Assembly - CXI PM Parts																																			
DI 10770	Inspect & Fiducialize - CXI PM	10	0	97	20.00	1,724.00	04/22/10	05/05/10													Inspect & Fiducialize - CXI PM																																			
DI 10800	Vacuum Process - CXI PM Parts	10	0	97	40.00	4,023.60	05/06/10	05/19/10													Vacuum Process - CXI PM Parts																																			
DI 10860	Inspect Procured Parts - CXI Wavefront Mon	10	0	148	15.30	1,539.03	01/15/10	01/28/10													Inspect Procured Parts - CXI Wavefront Mon																																			
DI 10880	Clean - all CXI Wavefront Monitor Parks	10	0	148	9.00	1,787.13	01/29/10	02/11/10													Clean - all CXI Wavefront Monitor Parks																																			
DI 10900	In-House Assembly - CXI Wavefront Parts	30	0	148	56.00	6,100.24	02/12/10	03/25/10													In-House Assembly - CXI Wavefront Parts																																			
DI 10920	Inspect & Fiducialize - CXI Wavefront Monitor	10	0	148	20.00	1,724.00	03/26/10	04/08/10													Inspect & Fiducialize - CXI Wavefront Monitor																																			
DI 11020	Vacuum Process - CXI Wavefront Monitor Parts	10	0	148	40.00	4,023.60	04/09/10	04/22/10													Vacuum Process - CXI Wavefront Monitor Parts																																			
DI 13400	Inspect Procured Parts - XCS PM Remaining Parts	10	0	140	42.00	4,224.78	05/06/10	05/19/10													Inspect Procured Parts - XCS PM Remaining Parts																																			
DI 13420	Clean - all XCS PM Parts	10	0	140	19.00	3,772.83	05/20/10	06/02/10													Clean - all XCS PM Parts																																			

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12																																																											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J																																																					
DI 13440	In-House Assembly - XCS PM Parts	30	0	140	132.50	13,807.06	06/03/10	07/14/10													▲ In-House Assembly - XCS PM Parts																																																																																			
DI 13445	Inspect & Fiducialize - XCS PM	10	0	140	20.00	1,724.00	07/15/10	07/28/10													▲ Inspect & Fiducialize - XCS PM																																																																																			
DI 13480	Vacuum Process - XCS PM Parts	10	0	140	40.00	4,023.60	07/29/10	08/11/10													▲ Vacuum Process - XCS PM Parts																																																																																			
06 Testing																																																																																																								
DI 02100	REQD: XPP PM Controls HW/SW	0	0	5	0.00	0.00		04/07/10													◆ REQD: XPP PM Controls HW/SW																																																																																			
DI 02105	Testing - XPP PM 1st Article	30	0	5	24.00	2,140.96	04/08/10	05/19/10													▲ Testing - XPP PM 1st Article																																																																																			
DI 02120	AVAIL: XPP PM 1st Article Ready for Installation	0	0	5	0.00	0.00		05/19/10													◆ AVAIL: XPP PM 1st Article Ready for Installation																																																																																			
DI 10805	REQD: CXI PM Controls HW/SW	0	0	77	0.00	0.00		06/16/10													◆ REQD: CXI PM Controls HW/SW																																																																																			
DI 10820	Testing - CXI PM	10	0	77	24.00	2,140.96	06/17/10	06/30/10													▲ Testing - CXI PM																																																																																			
DI 10840	AVAIL: CXI PM Ready for Installation	0	0	77	0.00	0.00		06/30/10													◆ AVAIL: CXI PM Ready for Installation																																																																																			
DI 11100	REQD: CXI Wavefront Monitor Controls HW/SW	0	0	109	0.00	0.00		06/16/10													◆ REQD: CXI Wavefront Monitor Controls HW/SW																																																																																			
DI 11180	Testing - CXI Wavefront Monitor	30	0	109	24.00	2,140.96	06/17/10	07/28/10													▲ Testing - CXI Wavefront Monitor																																																																																			
DI 11200	AVAIL: CXI Wavefront Monitor	0	0	109	0.00	0.00		07/28/10													◆ AVAIL: CXI Wavefront Monitor																																																																																			
DI 13485	REQD: XCS PM Controls HW/SW	0	0	169	0.00	0.00		07/01/10													◆ REQD: XCS PM Controls HW/SW																																																																																			
DI 13500	Testing - XCS PM	30	0	140	24.00	2,140.96	08/12/10	09/22/10													▲ Testing - XCS PM																																																																																			
DI 13520	AVAIL: XCS PM Ready for Installation	0	0	140	0.00	0.00		09/22/10													◆ AVAIL: XCS PM Ready for Installation																																																																																			
1.5.02.02 Pop-In Intensity Monitor																																																																																																								
02 Design / Engineering																																																																																																								
DI 02160	START: Pop-In Intensity Monitor (IO)	0	100		0.00	0.00	10/01/07A																																																																																																	
DI 02180	Generate PRD - IO Monitor	95	100		0.00	0.00	10/01/07A	01/18/08A																																																																																																
DI 02200	COMP: PRD Released - Pop-In Intensity Monitor	0	100		0.00	0.00		01/18/08A																																																																																																
DI 02220	Generate ESD - IO Monitor	20	100		0.00	0.00	03/03/08A	05/29/09A	■ Generate ESD - IO Monitor																																																																																															
DI 02240	COMP: ESD Released - IO	0	100		0.00	0.00		05/29/09A	◆ COMP: ESD Released - IO																																																																																															
DI 02241	Apr08 through Sep08 Plan Adjustment	21	100		31,699.73	31,699.73	09/01/08A	09/30/08A																																																																																																
DI 02260	Prelim Design & Analysis - IO Monitor	40	100		0.00	0.00	04/15/08A	01/07/09A	■ Prelim Design & Analysis - IO Monitor																																																																																															
DI 02285	Prep for PDR - IO Monitor	8	100		50.00	5,475.80	11/18/08A	01/09/09A	■ Prep for PDR - IO Monitor																																																																																															
DI 02300	PDR - Prelim Design Review - IO Pop-In Monitor	1	100		8.00	806.84	01/13/09A	01/13/09A	■ PDR - Prelim Design Review - IO Pop-In Monitor																																																																																															
DI 02320	Finalize Design - IO Pop-In Monitor	30	100		160.00	14,982.00	02/23/09A	04/10/09A	■ Finalize Design - IO Pop-In Monitor																																																																																															
DI 02340	Detail Piece Part Drawings - IO Pop-In Monitor	4	100		90.00	7,777.80	04/30/09A	04/30/09A	■ Detail Piece Part Drawings - IO Pop-In Monitor																																																																																															
DI 02342	Check & Release Dwgs - IO Pop-In Monitor	10	10	758	45.00	3,888.90	05/25/09A	06/10/09	▲ Check & Release Dwgs - IO Pop-In Monitor																																																																																															
DI 02343	COMP: Part Drawings - IO Pop-In Mon & Support	1	0	758	0.00	0.00	06/11/09	06/11/09	▲ COMP: Part Drawings - IO Pop-In Mon & Support																																																																																															
DI 02345	Prep for FDR - IO Pop-In Monitor	4	100		50.00	5,475.80	04/30/09A	04/30/09A	■ Prep for FDR - IO Pop-In Monitor																																																																																															
DI 02360	FDR - Final Design Review - IO Pop-In Monitor	0	100		0.00	0.00	04/30/09A	04/30/09A	■ FDR - Final Design Review - IO Pop-In Monitor																																																																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
DI 11040	Inspect Procured Parts - CXI IO Mon Parts	10	0	130	15.60	1,569.20	03/17/10	03/30/10													▲ Inspect Procured Parts - CXI IO Mon Parts																																			
DI 11060	Clean - all CXI IO Mon Parts	10	0	130	18.00	3,574.26	03/31/10	04/13/10													▲ Clean - all CXI IO Mon Parts																																			
DI 11080	In-House Assembly - CXI IO Mon Parts	30	0	130	63.50	6,749.55	04/14/10	05/25/10													▲ In-House Assembly - CXI IO Mon Parts																																			
DI 11110	Inspect & Fiducialize - CXI IO Mon Parts	10	0	130	20.00	1,724.00	05/26/10	06/08/10													▲ Inspect & Fiducialize - CXI IO Mon Parts																																			
DI 11120	Vacuum Process - CXI IO Mon Parts	5	0	130	40.00	4,023.60	06/09/10	06/15/10													▲ Vacuum Process - CXI IO Mon Parts																																			
DI 13720	Inspect Procured Parts - XCS IO Mon Parts	10	0	136	39.00	3,923.01	06/09/10	06/22/10													▲ Inspect Procured Parts - XCS IO Mon Parts																																			
DI 13740	Clean - all XCS IO Mon Parts	10	0	136	26.00	5,162.82	06/23/10	07/06/10													▲ Clean - all XCS IO Mon Parts																																			
DI 13760	In-House Assembly - XCS IO Mon Parts	30	0	136	140.00	14,549.80	07/07/10	08/17/10													▲ In-House Assembly - XCS IO Mon Parts																																			
DI 13780	Inspect & Fiducialize - XCS IO Mon Parts	10	0	136	40.00	3,448.00	08/18/10	08/31/10													▲ Inspect & Fiducialize - XCS IO Mon Parts																																			
DI 13800	Vacuum Process - XCS IO Mon Parts	10	0	136	80.00	8,047.20	09/01/10	09/14/10													▲ Vacuum Process - XCS IO Mon Parts																																			
06 Testing																																																								
DI 02835	REQD: XPP IO Controls HW/SW	0	0	1	0.00	0.00		05/11/10													◆ REQD: XPP IO Controls HW/SW																																			
DI 02840	Testing - XPP IO Monitor 1st Article	10	0	1	24.00	2,140.96	05/12/10	05/25/10													▲ Testing - XPP IO Monitor 1st Article																																			
DI 02860	AVAIL: XPP IO Monitor Ready for Installation	0	0	1	0.00	0.00		05/25/10													◆ AVAIL: XPP IO Monitor Ready for Installation																																			
DI 11125	REQD: CXI IO Controls HW/SW	0	0	129	0.00	0.00		06/16/10													◆ REQD: CXI IO Controls HW/SW																																			
DI 11140	Testing - CXI IO Monitor	10	0	129	24.00	2,140.96	06/17/10	06/30/10													▲ Testing - CXI IO Monitor																																			
DI 11160	AVAIL: CXI IO Monitor Ready for Installation	0	0	129	0.00	0.00		06/30/10													◆ AVAIL: CXI IO Monitor Ready for Installation																																			
DI 13805	REQD: XCS IO Controls HW/SW	0	0	189	0.00	0.00		07/01/10													◆ REQD: XCS IO Controls HW/SW																																			
DI 13820	Testing - XCS IO Monitor	10	0	136	24.00	2,140.96	09/15/10	09/28/10													▲ Testing - XCS IO Monitor																																			
DI 13840	AVAIL: XCS IO Monitor Ready for Installation	0	0	136	0.00	0.00		09/28/10													◆ AVAIL: XCS IO Monitor Ready for Installation																																			
1.5.02.03 Intensity-Position Monitor																																																								
02 Design / Engineering																																																								
DI 02900	START: Intensity-Position Monitor (IPM)	0	100		0.00	0.00	10/01/07A																																																	
DI 02920	Generate PRD - Intensity-Position Monitor	95	100		0.00	0.00	10/01/07A	01/18/08A																																																
DI 02940	COMP: PRD Released - Intensity-Position Monitor	0	100		0.00	0.00		01/18/08A																																																
DI 02960	Generate ESD - Intensity-Position Mon	20	100		0.00	0.00	04/01/08A	01/09/09A	■ Generate ESD - Intensity-Position Mon																																															
DI 02980	COMP: ESD Released - Intensity-Position Monitor	0	100		0.00	0.00		01/09/09A	◆ COMP: ESD Released - Intensity-Position Monitor																																															
DI 02981	Apr08 through Sep08 Plan Adjustment	21	100		30,575.56	30,575.56	09/01/08A	09/30/08A																																																
DI 03000	Prelim Design & Analysis - IPM	60	100		0.00	0.00	07/15/08A	01/09/09A	■ Prelim Design & Analysis - IPM																																															
DI 03025	Prep for PDR - IPM	10	100		90.00	9,324.60	12/16/08A	01/08/09A	■ Prep for PDR - IPM																																															
DI 03040	PDR - Prelim Design Review - Int Position Mon	1	100		12.00	1,191.72	01/09/09A	01/09/09A	■ PDR - Prelim Design Review - Int Position Mon																																															
DI 03060	Finalize Design - IPM	40	100		430.00	40,961.40	01/12/09A	04/08/09A	■ Finalize Design - IPM																																															
DI 03080	Detail Piece Part Drawings - IPM	40	30	60	120.00	10,947.80	05/18/09A	07/06/09	■ Detail Piece Part Drawings - IPM																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
DI 03090	Check & Release Dwgs - IPM	10	15	94	60.00	5,185.20	05/25/09A	06/09/09	▲ Check & Release Dwgs - IPM																																															
DI 03095	Prep for FDR - IPM	10	100		90.00	9,324.60	02/27/09A	04/07/09A	■ Prep for FDR - IPM																																															
DI 03100	FDR - Final Design Review - Int Position Monitor	1	100		8.00	806.84	04/08/09A	04/08/09A	☒ FDR - Final Design Review - Int Position Monitor																																															
DI 03120	Incorp FDR Changes - IPM	20	40	28	80.00	9,223.20	05/25/09A	06/16/09	▲ Incorp FDR Changes - IPM																																															
DI 03140	Detail Assembly Drawings - IPM	15	0	60	40.00	3,456.80	07/07/09	07/27/09	▲ Detail Assembly Drawings - IPM																																															
DI 03160	COMP: Final Design & Detail Dwgs - IPM	0	0	89	0.00	0.00		06/16/09	◆ COMP: Final Design & Detail Dwgs - IPM																																															
DI 03180	Generate Mfg Docs - IPM	20	0	60	80.00	9,223.20	07/28/09	08/24/09	▲ Generate Mfg Docs - IPM																																															
DI 03190	Prelim Design & Analysis - IPM Support	10	100		0.00	0.00	10/06/08A	01/09/09A	■ Prelim Design & Analysis - IPM Support																																															
DI 03200	Finalize Design - IPM support	10	100		24.00	2,305.04	01/12/09A	02/27/09A	■ Finalize Design - IPM support																																															
DI 03210	Detail Piece Part Drawings - IPM Support	20	100		30.00	2,736.95	01/26/09A	04/03/09A	■ Detail Piece Part Drawings - IPM Support																																															
DI 03220	Check & Release Dwgs - IPM Support	20	20	89	15.00	1,296.30	05/25/09A	06/16/09	▲ Check & Release Dwgs - IPM Support																																															
DI 03290	Prep for Design Status Review - IPM	10	0	60	50.00	5,475.80	08/25/09	09/07/09	▲ Prep for Design Status Review - IPM																																															
DI 03300	Design Status Review - IPM	1	0	60	8.00	806.84	09/08/09	09/08/09	☒ Design Status Review - IPM																																															
DI 03310	COMP: Design Phase Complete - IPM & Supports	0	0	60	0.00	0.00		09/08/09	◆ COMP: Design Phase Complete - IPM & Supports																																															
03 Procurement																																																								
DI 03320	Prep Bid Pkg & App - XPP IPM 1st Art Prts	30	0	28	0.00	0.00	06/17/09	07/28/09	▲ Prep Bid Pkg & App - XPP IPM 1st Art Prts																																															
DI 03340	AWARD: PO - XPP IPM 1st Article Parts	1	0	28	119,008.00	127,338.56	07/29/09	07/29/09	☒ AWARD: PO - XPP IPM 1st Article Parts																																															
DI 03360	Vendor Fab - XPP IPM 1st Article Parts	100	0	28	119,008.00	129,718.72	07/30/09	12/18/09	▲ Vendor Fab - XPP IPM 1st Article Parts																																															
DI 03380	RCV: XPP IPM 1st Article Parts	0	0	28	0.00	0.00		12/18/09	◆ RCV: XPP IPM 1st Article Parts																																															
DI 11260	Prep Bid Pkg & App - CXI/XCS IPM Parts	30	0	60	0.00	0.00	09/09/09	10/20/09	▲ Prep Bid Pkg & App - CXI/XCS IPM Parts																																															
DI 11262	RELEASE RFP: CXI/XCS IPM Parts	0	0	60	0.00	0.00		10/20/09	◆ RELEASE RFP: CXI/XCS IPM Parts																																															
DI 11264	Vendor Proposal Effort - CXI/XCS IPM Parts	20	0	60	0.00	0.00	10/21/09	11/17/09	▲ Vendor Proposal Effort - CXI/XCS IPM Parts																																															
DI 11266	RCV: Vendor Proposals - CXI/XCS IPM Parts	0	0	60	0.00	0.00		11/17/09	◆ RCV: Vendor Proposals - CXI/XCS IPM Parts																																															
DI 11268	Eval & Selection Process - CXI/XCS IPM Parts	20	0	60	0.00	0.00	11/18/09	12/17/09	▲ Eval & Selection Process - CXI/XCS IPM Parts																																															
DI 11270	SLAC Approval Process - CXI/XCS IPM Parts	5	0	60	0.00	0.00	12/18/09	01/07/10	▲ SLAC Approval Process - CXI/XCS IPM Parts																																															
DI 11272	DOE Approval Process - CXI/XCS IPM Parts	5	0	60	0.00	0.00	01/08/10	01/14/10	▲ DOE Approval Process - CXI/XCS IPM Parts																																															
DI 11280	AWARD: CXI/XCS IPM Parts	1	0	60	236,688.00	257,989.92	01/15/10	01/15/10	☒ AWARD: CXI/XCS IPM Parts																																															
DI 11300	Vendor Fab - CXI IPM Parts	60	0	60	89,008.00	97,018.72	01/18/10	04/09/10	▲ Vendor Fab - CXI IPM Parts																																															
DI 11320	RCV: CXI IPM Parts	0	0	60	0.00	0.00		04/09/10	◆ RCV: CXI IPM Parts																																															
DI 13980	Vendor Fab - XCS IPM Parts	60	0	123	147,680.00	160,971.20	04/12/10	07/02/10	▲ Vendor Fab - XCS IPM Parts																																															
DI 14000	RCV: XCS IPM Parts	0	0	123	0.00	0.00		07/02/10	◆ RCV: XCS IPM Parts																																															
05 Fab / Assembly																																																								
DI 03500	Inspect Procured Parts - XPP IPM 1st Article	10	0	28	44.70	4,496.37	01/04/10	01/15/10	▲ Inspect Procured Parts - XPP IPM 1st Article																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D J F M A M J J A S O N D J J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J											
DI 03520	Clean - all XPP IPM 1st Article Parts	10	0	28	24.00	4,765.68	01/18/10	01/29/10													Clean - all XPP IPM 1st Article Parts																																			
DI 03540	In-House Assembly - XPP IPM 1st Article Parts	30	0	28	139.00	15,126.65	02/01/10	03/12/10													In-House Assembly - XPP IPM 1st Article Parts																																			
DI 03550	Inspect & Fiducialize - XPP IPM 1st Article Parts	10	0	28	20.00	1,724.00	03/15/10	03/26/10													Inspect & Fiducialize - XPP IPM 1st Article Parts																																			
DI 03560	Vacuum Process - XPP IPM 1st Article Parts	5	0	28	40.00	4,023.60	03/29/10	04/02/10													Vacuum Process - XPP IPM 1st Article Parts																																			
DI 11360	Inspect Procured Parts - CXI IPM Parts	10	0	60	44.10	4,436.02	04/12/10	04/23/10													Inspect Procured Parts - CXI IPM Parts																																			
DI 11380	Clean - all CXI IPM Parts	10	0	60	24.00	4,765.68	04/26/10	05/07/10													Clean - all CXI IPM Parts																																			
DI 11400	In-House Assembly - CXI IPM Parts	30	0	60	139.00	15,126.65	05/10/10	06/18/10													In-House Assembly - CXI IPM Parts																																			
DI 11430	Inspect & Fiducialize - CXI IPM Parts	10	0	60	20.00	1,724.00	06/21/10	07/02/10													Inspect & Fiducialize - CXI IPM Parts																																			
DI 11440	Vacuum Process - CXI IPM Parts	5	0	60	40.00	4,023.60	07/05/10	07/09/10													Vacuum Process - CXI IPM Parts																																			
DI 14040	Inspect Procured Parts - XCS IPM Parts	10	0	123	61.30	6,166.17	07/05/10	07/16/10													Inspect Procured Parts - XCS IPM Parts																																			
DI 14060	Clean - all XCS IPM Parts	10	0	123	36.00	7,148.52	07/19/10	07/30/10													Clean - all XCS IPM Parts																																			
DI 14080	In-House Assembly - XCS IPM Parts	30	0	123	215.00	23,145.25	08/02/10	09/10/10													In-House Assembly - XCS IPM Parts																																			
DI 14090	Inspect & Fiducialize - XCS IPM Parts	10	0	123	30.00	2,586.00	09/13/10	09/24/10													Inspect & Fiducialize - XCS IPM Parts																																			
DI 14120	Vacuum Process - XCS IPM Parts	5	0	123	40.00	4,079.88	09/27/10	10/01/10													Vacuum Process - XCS IPM Parts																																			
06 Testing																																																								
DI 03570	Electronic Testing - XPP IPM 1st Article	40	0	53	160.00	16,011.20	01/04/10	02/26/10													Electronic Testing - XPP IPM 1st Article																																			
DI 03575	REQD: XPP IPM Controls HW/SW	0	0	21	0.00	0.00		04/13/10													REQD: XPP IPM Controls HW/SW																																			
DI 03580	Testing - XPP IPM 1st Article	10	0	21	24.00	2,140.96	04/14/10	04/27/10													Testing - XPP IPM 1st Article																																			
DI 03600	AVAIL: XPP IPM 1st Article Ready for Install	0	0	21	0.00	0.00		04/27/10													AVAIL: XPP IPM 1st Article Ready for Install																																			
DI 11445	REQD: CXI IPM Controls HW/SW	0	0	52	0.00	0.00		07/21/10													REQD: CXI IPM Controls HW/SW																																			
DI 11460	Testing - CXI IPM	10	0	52	24.00	2,140.96	07/22/10	08/04/10													Testing - CXI IPM																																			
DI 11480	AVAIL: CXI IPM Ready for Installation	0	0	52	0.00	0.00		08/04/10													AVAIL: CXI IPM Ready for Installation																																			
DI 14125	REQD: XCS IPM Controls HW/SW	0	0	189	0.00	0.00		07/01/10													REQD: XCS IPM Controls HW/SW																																			
DI 14140	Testing - XCS IPM	10	0	123	24.00	2,226.48	10/04/10	10/15/10													Testing - XCS IPM																																			
DI 14160	AVAIL: XCS IPM Ready for Installation	0	0	123	0.00	0.00		10/15/10													AVAIL: XCS IPM Ready for Installation																																			
1.5.03.01 Large Offset Monochromator																																																								
02 Design / Engineering																																																								
DI 60690	Generate PRD - XCS Large Offset Monochromator	20	100		40.00	5,233.60	04/01/09A	04/17/09A													Generate PRD - XCS Large Offset Monochromator																																			
DI 60700	Generate ESD - XCS Large Offset Monochromator	7	100		40.00	4,611.60	04/09/09A	04/17/09A													Generate ESD - XCS Large Offset Monochromator																																			
DI 60710	Develop Vendor SOW - XCS Large Off Monochromator	7	100		40.00	4,611.60	04/09/09A	04/17/09A													Develop Vendor SOW - XCS Large Off Monochromator																																			
DI 60735	Revise PRD & ESD XCS & XPP - LO Mono	8	0	97	80.00	9,845.20	06/01/09	06/10/09													Revise PRD & ESD XCS & XPP - LO Mono																																			
DI 60745	Research Previous Crystal Holder Designs	35	0	97	160.00	18,446.40	06/11/09	07/29/09													Research Previous Crystal Holder Designs																																			
DI 60755	Prelim Design - Crystal Holder	45	0	97	640.00	59,928.00	07/30/09	09/30/09													Prelim Design - Crystal Holder																																			

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
DI 61095	Laser Align Crystals in XPP LO Mono	10	0	97	160.00	20,157.60	04/21/11	05/04/11	▲ Laser Align Crystals in XPP LO Mono																																															
DI 61105	COMPLETE: XPP LO Mono (Ready for CD4)	0	0	97	0.00	0.00		05/04/11	◆ COMPLETE: XPP LO Mono (Ready for CD4)																																															
DI 61115	FDR - Final Design Review - Crystal Holder	1	0	97	16.00	1,678.32	02/09/10	02/09/10	✕ FDR - Final Design Review - Crystal Holder																																															
04 Subcontract																																																								
DI 60730	Prep Bid Pkg & App - Large Offset Mono	5	100		40.00	4,611.60	05/13/09A	05/29/09A	■ Prep Bid Pkg & App - Large Offset Mono																																															
DI 60740	SLAC Purchasing Process - LO Mono	22	0	80	40.00	4,611.60	06/01/09	06/30/09	▲ SLAC Purchasing Process - LO Mono																																															
DI 60750	RELEASE: RFP - Large Offset Mono	0	0	80	0.00	0.00		06/30/09	◆ RELEASE: RFP - Large Offset Mono																																															
DI 60760	Vendor Proposal Effort, Questions - LO Mono	45	0	80	80.00	9,223.20	07/01/09	09/01/09	▲ Vendor Proposal Effort, Questions - LO Mono																																															
DI 60770	RCV: Vendor Proposals - LO Mono	0	0	80	0.00	0.00		09/01/09	◆ RCV: Vendor Proposals - LO Mono																																															
DI 60780	Evaluation/Selection - Large Offset Mono	15	0	80	80.00	9,845.20	09/02/09	09/22/09	▲ Evaluation/Selection - Large Offset Mono																																															
DI 60790	SLAC Approval Process - Lg Offset Mono	5	0	80	0.00	0.00	09/23/09	09/29/09	▲ SLAC Approval Process - Lg Offset Mono																																															
DI 60800	DOE Approval Process - Lg. Offset Mono	5	0	80	0.00	0.00	09/30/09	10/06/09	▲ DOE Approval Process - Lg. Offset Mono																																															
DI 60810	AWARD: Contract/Start Design - LO Mono	1	0	80	1,494,000.00	1,628,460.00	10/07/09	10/07/09	✕ AWARD: Contract/Start Design - LO Mono																																															
DI 60820	Vendor Kick-off - Large Offset Monochromator	5	0	80	10,080.00	22,539.60	10/21/09	10/27/09	▲ Vendor Kick-off - Large Offset Monochromator																																															
DI 60850	Vendor Startup Design - XCS Large Offset Mono	1	0	80	60,000.00	65,400.00	10/27/09	10/27/09	✕ Vendor Startup Design - XCS Large Offset Mono																																															
DI 60860	Vendor Preliminary Design - XCS LO Monochromator	58	0	80	0.00	0.00	10/28/09	02/02/10	▲ Vendor Preliminary Design - XCS LO Monochromator																																															
DI 60870	Preliminary Design Review - XCS LO Monochromator	5	0	89	10,080.00	22,539.60	01/13/10	01/19/10	▲ Preliminary Design Review - XCS LO Monochromator																																															
DI 60880	Vendor Preliminary Design Complete - XCS LO Mono	1	0	80	90,000.00	98,100.00	02/02/10	02/02/10	✕ Vendor Preliminary Design Complete - XCS LO Mono																																															
DI 60890	Vendor Final Design - XCS LO Monochromator	65	0	80	0.00	0.00	02/03/10	05/04/10	▲ Vendor Final Design - XCS LO Monochromator																																															
DI 60900	Final Design Review - XCS LO Monochromator	5	0	89	10,080.00	22,539.60	04/14/10	04/20/10	▲ Final Design Review - XCS LO Monochromator																																															
DI 60910	Vendor Final Design Complete - XCS LO Mono	1	0	80	190,000.00	207,100.00	05/04/10	05/04/10	✕ Vendor Final Design Complete - XCS LO Mono																																															
DI 60920	Vendor Fabrication - XCS LO Monochromator	130	0	80	0.00	0.00	05/05/10	11/02/10	▲ Vendor Fabrication - XCS LO Monochromator																																															
DI 60930	RCV: XCS Large Offset Monochromator	0	0	110	0.00	0.00		11/30/10	◆ RCV: XCS Large Offset Monochromator																																															
DI 60950	Vendor Fabrication Complete-XCS LO Monochromator	1	0	110	517,000.00	579,040.00	11/02/10	11/02/10	✕ Vendor Fabrication Complete-XCS LO Monochromator																																															
DI 60960	Vendor Installation -XCS LO Monochromator	25	0	110	0.00	0.00	12/01/10	01/18/11	▲ Vendor Installation -XCS LO Monochromator																																															
DI 60970	Vendor Installation Complete-XCS LO Mono	1	0	110	60,000.00	67,200.00	01/18/11	01/18/11	✕ Vendor Installation Complete-XCS LO Mono																																															
DI 60980	COMP: XCS Large Offset Monochromator	1	0	110	0.00	0.00	01/19/11	01/19/11	✕ COMP: XCS Large Offset Monochromator																																															
DI 60990	Vendor Site Acceptance Tests - XCS LO Mono	5	0	123	10,080.00	23,248.80	10/07/10	10/13/10	▲ Vendor Site Acceptance Tests - XCS LO Mono																																															
DI 61000	Shipping - XCS LO Mono	18	0	110	0.00	0.00	11/03/10	11/30/10	▲ Shipping - XCS LO Mono																																															
DI 61010	Vendor Fabrication - XPP LO Mono	164	0	80	0.00	0.00	05/05/10	01/05/11	▲ Vendor Fabrication - XPP LO Mono																																															
DI 61020	Vendor Site Acceptance Tests - XPP LO Mono	5	0	80	10,080.00	23,248.80	12/15/10	01/04/11	▲ Vendor Site Acceptance Tests - XPP LO Mono																																															
DI 61030	SLAC Site Acceptance Tests - XCS LO Mono	5	0	110	0.00	0.00	01/12/11	01/18/11	▲ SLAC Site Acceptance Tests - XCS LO Mono																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12												
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J						
DI 61040	RFI: Ready for Final Integration - XCS LO Mono	0	0	110	0.00	0.00		01/18/11																																																	◆ RFI: Ready for Final Integration - XCS LO Mono
DI 61050	Shipping - XPP LO Mono	19	0	80	0.00	0.00	01/06/11	02/01/11																																																	▲ Shipping - XPP LO Mono
DI 61200	RCV: XPP Large Offset Monochromator	0	0	80	0.00	0.00		02/01/11																																																	◆ RCV: XPP Large Offset Monochromator
DI 61220	Vendor Fabrication Complete-XPP LO Monochromator	1	0	80	517,000.00	579,040.00	01/05/11	01/05/11																																																	✕ Vendor Fabrication Complete-XPP LO Monochromator
DI 61230	Vendor Installation -XPP LO Monochromator	20	0	80	0.00	0.00	02/02/11	03/01/11																																																	▲ Vendor Installation -XPP LO Monochromator
DI 61240	Vendor Installation Complete-XPP LO Mono	1	0	80	60,000.00	67,200.00	03/01/11	03/01/11																																																	✕ Vendor Installation Complete-XPP LO Mono
DI 61250	COMP: XPP Large Offset Monochromator	1	0	80	0.00	0.00	03/02/11	03/02/11																																																	✕ COMP: XPP Large Offset Monochromator
DI 61260	SLAC Site Acceptance Tests - XPP LO Mono	5	0	80	80.00	10,648.80	02/23/11	03/01/11																																																	▲ SLAC Site Acceptance Tests - XPP LO Mono
DI 61270	RFI: Ready for Final Integration - XPP LO Mono	0	0	80	0.00	0.00		03/01/11																																																	◆ RFI: Ready for Final Integration - XPP LO Mono
1.5.03.02 X-ray Focusing Lenses																																																									
02 Design / Engineering																																																									
DI 05940	START: X-ray Focusing Lenses (XFL)	0	100		0.00	0.00	10/01/07A																																																		
DI 05960	Generate PRD - X-ray Focusing Lenses (XFL)	70	100		0.00	0.00	10/01/07A	01/18/08A																																																	
DI 05980	COMP: PRD Released - X-ray Focusing Lenses (XFL)	0	100		0.00	0.00		01/18/08A																																																	
DI 05985	Update PRD - X-ray Focusing Lenses (XFL)	40	100		0.00	0.00	04/01/08A	07/03/08A																																																	
DI 06000	Generate ESD - X-ray Focusing Lenses	40	100		0.00	0.00	04/01/08A	08/18/08A																																																	
DI 06020	COMP: ESD Released - X-ray Focusing Lenses (XFL)	0	100		0.00	0.00		09/30/08A																																																	
DI 06021	Apr08 through Sep08 Plan Adjustment	21	100		3,115.07	3,115.07	09/01/08A	09/30/08A																																																	
DI 06030	Conceptual Design - XFL	20	100		0.00	0.00	08/12/08A	02/27/09A	■ Conceptual Design - XFL																																																
DI 06035	Update ESD - XFL	20	100		0.00	0.00	09/22/08A	09/30/08A																																																	
DI 06040	Prelim Design & Analysis - XFL	80	100		574.00	54,282.02	10/06/08A	02/13/09A	■ Prelim Design & Analysis - XFL																																																
DI 06050	Prep for PDR - XFL	10	100		50.00	5,475.80	02/16/09A	02/27/09A	■ Prep for PDR - XFL																																																
DI 06060	PDR - Prelim Design Review - XFL	1	100		8.00	806.84	02/27/09A	02/27/09A	✕ PDR - Prelim Design Review - XFL																																																
DI 06100	Finalize Design - XFL	40	40	119	158.00	14,924.64	04/01/09A	07/02/09	■ Finalize Design - XFL																																																
DI 06120	Detail Piece Part Drawings - XFL	60	30	119	240.00	21,895.60	04/03/09A	08/03/09	■ Detail Piece Part Drawings - XFL																																																
DI 06130	Check & Release Dwgs - XFL	30	0	119	120.00	10,764.84	09/23/09	11/03/09	▲ Check & Release Dwgs - XFL																																																
DI 06135	Prep for FDR - XFL	15	0	119	50.00	5,475.80	08/04/09	08/24/09	▲ Prep for FDR - XFL																																																
DI 06140	FDR - Final Design Review - XFL	1	0	119	8.00	806.84	08/25/09	08/25/09	✕ FDR - Final Design Review - XFL																																																
DI 06150	COMP: Piece Part Drawings Complete - XFL	0	0	119	0.00	0.00		11/03/09	◆ COMP: Piece Part Drawings Complete - XFL																																																
DI 06160	Incorp FDR Changes - XFL	20	0	119	80.00	9,223.20	08/26/09	09/22/09	▲ Incorp FDR Changes - XFL																																																
DI 06180	Detail Assembly Drawings - XFL	20	0	343	64.00	5,685.89	09/23/09	10/20/09	▲ Detail Assembly Drawings - XFL																																																
DI 06220	Generate Mfg Docs - XFL	20	0	343	80.00	9,592.80	10/21/09	11/17/09	▲ Generate Mfg Docs - XFL																																																
DI 06230	Prep for Design Status Review - XFL	10	0	343	50.00	5,695.20	11/18/09	12/03/09	▲ Prep for Design Status Review - XFL																																																

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J											
DI 06260	Design Status Review - XFL	1	0	343	8.00	860.72	12/04/09	12/04/09													X Design Status Review - XFL																																			
DI 06270	COMP: Design Phase Complete - XFL	0	0	343	0.00	0.00		12/04/09													COMP: Design Phase Complete - XFL																																			
03 Procurement																																																								
DI 09500	Prep Bid Pkg & App - XPP XFL (FOREIGN) Be Lenses	30	0	121	0.00	0.00	06/01/09	07/10/09	Prep Bid Pkg & App - XPP XFL (FOREIGN) Be Lenses																																															
DI 09505	RELEASE: RFP - XPP XFL (FOREIGN) Be Lenses	0	0	121	0.00	0.00		07/10/09	RELEASE: RFP - XPP XFL (FOREIGN) Be Lenses																																															
DI 09510	Vendor Proposal Effort - XPP XFL Be Lenses	25	0	121	0.00	0.00	07/13/09	08/14/09	Vendor Proposal Effort - XPP XFL Be Lenses																																															
DI 09515	RCV: Vendor Proposals - XPP XFL Be Lenses	0	0	121	0.00	0.00		08/14/09	RCV: Vendor Proposals - XPP XFL Be Lenses																																															
DI 09525	Eval & Selection Process - XPP XFL Be Lenses	25	0	121	0.00	0.00	08/17/09	09/18/09	Eval & Selection Process - XPP XFL Be Lenses																																															
DI 09535	SLAC Approval Proc - XPP XFL (FOREIGN) Be Lenses	10	0	121	0.00	0.00	09/21/09	10/02/09	SLAC Approval Proc - XPP XFL (FOREIGN) Be Lenses																																															
DI 09540	DOE Approval Proc - XPP XFL (FOREIGN) Be Lenses	10	0	121	0.00	0.00	10/05/09	10/16/09	DOE Approval Proc - XPP XFL (FOREIGN) Be Lenses																																															
DI 09560	AWARD: XPP XFL (FOREIGN) Be Lenses	1	0	215	45,900.00	50,031.00	10/19/09	10/19/09	AWARD: XPP XFL (FOREIGN) Be Lenses																																															
DI 09580	Vendor Fab - XPP XFL (FOREIGN) Be Lenses	160	0	215	45,900.00	50,031.00	10/20/09	06/16/10	Vendor Fab - XPP XFL (FOREIGN) Be Lenses																																															
DI 09600	RCV: XPP XFL (FOREIGN) Be Lenses	0	0	215	0.00	0.00		06/16/10	RCV: XPP XFL (FOREIGN) Be Lenses																																															
DI 09605	Prep Bid Pkg & App - XPP XFL Other Parts	30	0	119	0.00	0.00	11/04/09	12/17/09	Prep Bid Pkg & App - XPP XFL Other Parts																																															
DI 09610	RELEASE: RFP - XPP XFL Other Parts	0	0	119	0.00	0.00		12/17/09	RELEASE: RFP - XPP XFL Other Parts																																															
DI 09615	Vendor Proposal Efforts - XPP XFL Other Parts	20	0	119	0.00	0.00	12/18/09	01/28/10	Vendor Proposal Efforts - XPP XFL Other Parts																																															
DI 09620	RCV: Vendor Proposals - XPP XFL Other Parts	0	0	119	0.00	0.00		01/28/10	RCV: Vendor Proposals - XPP XFL Other Parts																																															
DI 09625	Eval & Selection Process - XPP XFL Other Parts	20	0	119	0.00	0.00	01/29/10	02/25/10	Eval & Selection Process - XPP XFL Other Parts																																															
DI 09630	SLAC Approval Process - XPP XFL Other Parts	10	0	119	0.00	0.00	02/26/10	03/11/10	SLAC Approval Process - XPP XFL Other Parts																																															
DI 09635	DOE Approval Process - XPP XFL Other Parts	10	0	119	0.00	0.00	03/12/10	03/25/10	DOE Approval Process - XPP XFL Other Parts																																															
DI 09640	AWARD: PO - XPP XFL Other Parts	1	0	213	52,957.00	57,723.13	03/26/10	03/26/10	AWARD: PO - XPP XFL Other Parts																																															
DI 09660	Vendor Fab - XPP XFL Other Parts	60	0	213	52,957.00	57,723.13	03/29/10	06/18/10	Vendor Fab - XPP XFL Other Parts																																															
DI 09680	RCV: XPP XFL Other Parts	0	0	213	0.00	0.00		06/18/10	RCV: XPP XFL Other Parts																																															
DI 14200	AWARD: XCS/CXI XFL (FOREIGN) Be Lenses	1	0	111	89,100.00	97,119.00	11/02/09	11/02/09	AWARD: XCS/CXI XFL (FOREIGN) Be Lenses																																															
DI 14220	Vendor Fab - XCS XFL (FOREIGN) Be Lenses	160	0	111	44,550.00	48,559.50	11/03/09	06/30/10	Vendor Fab - XCS XFL (FOREIGN) Be Lenses																																															
DI 14240	RCV: XCS XFL (FOREIGN) Be Lenses	0	0	111	0.00	0.00		06/30/10	RCV: XCS XFL (FOREIGN) Be Lenses																																															
DI 14280	AWARD: PO - XCS XFL Other Parts	1	0	119	52,957.00	57,723.13	03/26/10	03/26/10	AWARD: PO - XCS XFL Other Parts																																															
DI 14300	Vendor Fab - XCS XFL Other Parts	60	0	119	52,957.00	57,723.13	03/29/10	06/18/10	Vendor Fab - XCS XFL Other Parts																																															
DI 14320	RCV: XCS XFL Other Parts	0	0	119	0.00	0.00		06/18/10	RCV: XCS XFL Other Parts																																															
DI 24220	Vendor Fab - CXI XFL (FOREIGN) Be Lenses	160	0	396	44,550.00	48,559.50	11/03/09	06/30/10	Vendor Fab - CXI XFL (FOREIGN) Be Lenses																																															
DI 24240	RCV: CXI XFL (FOREIGN) Be Lenses	0	0	396	0.00	0.00		06/30/10	RCV: CXI XFL (FOREIGN) Be Lenses																																															
DI 24280	AWARD: PO - CXI XFL Other Parts	1	0	404	105,894.18	115,424.66	03/26/10	03/26/10	AWARD: PO - CXI XFL Other Parts																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J											
DI 24300	Vendor Fab - CXI XFL Other Parts	60	0	404	105,894.18	115,424.66	03/29/10	06/18/10																									Vendor Fab - CXI XFL Other Parts																							
DI 24320	RCV: CXI XFL Other Parts	0	0	404	0.00	0.00		06/18/10																									RCV: CXI XFL Other Parts																							
05 Fab / Assembly																																																								
DI 09700	Inspect Procured Parts - XPP XFL Long Lead	10	0	215	11.00	1,106.49	06/17/10	06/30/10																									Inspect Procured Parts - XPP XFL Long Lead																							
DI 09720	Inspect Procured Parts - XPP XFL Misc	10	0	213	20.50	2,062.10	06/21/10	07/02/10																									Inspect Procured Parts - XPP XFL Misc																							
DI 09740	Clean - all XPP XFL Parts	10	0	213	20.00	3,971.40	07/05/10	07/16/10																									Clean - all XPP XFL Parts																							
DI 09760	In-House Assembly - XPP XFL Parts	30	0	213	136.00	15,035.12	07/19/10	08/27/10																									In-House Assembly - XPP XFL Parts																							
DI 09780	Inspect & Fiducialize - XPP XFL Parts	10	0	213	20.00	1,724.00	08/30/10	09/10/10																									Inspect & Fiducialize - XPP XFL Parts																							
DI 09800	Vacuum Process - XPP XFL Parts	10	0	213	40.00	4,023.60	09/13/10	09/24/10																									Vacuum Process - XPP XFL Parts																							
DI 14340	Inspect Procured Parts - XCS XFL Long Lead	10	0	111	11.00	1,106.49	07/01/10	07/14/10																									Inspect Procured Parts - XCS XFL Long Lead																							
DI 14360	Inspect Procured Parts - XCS XFL Misc Parts	10	0	119	20.50	2,062.10	06/21/10	07/02/10																									Inspect Procured Parts - XCS XFL Misc Parts																							
DI 14380	Clean - all XCS XFL Parts	10	0	111	20.00	3,971.40	07/15/10	07/28/10																									Clean - all XCS XFL Parts																							
DI 14400	In-House Assembly - XCS XFL Parts	30	0	111	136.00	15,035.12	07/29/10	09/08/10																									In-House Assembly - XCS XFL Parts																							
DI 14420	Inspect & Fiducialize - XCS XFL Parts	10	0	111	20.00	1,724.00	09/09/10	09/22/10																									Inspect & Fiducialize - XCS XFL Parts																							
DI 14440	Vacuum Process - XCS XFL Parts	10	0	111	40.00	4,123.30	09/23/10	10/06/10																									Vacuum Process - XCS XFL Parts																							
DI 24340	Inspect Procured Parts - CXI XFL Long Lead	10	0	396	22.00	2,212.98	07/01/10	07/14/10																									Inspect Procured Parts - CXI XFL Long Lead																							
DI 24360	Inspect Procured Parts - CXI XFL Misc Parts	10	0	404	41.00	4,124.19	06/21/10	07/02/10																									Inspect Procured Parts - CXI XFL Misc Parts																							
DI 24380	Clean - all CXI XFL Parts	10	0	396	40.00	7,942.80	07/15/10	07/28/10																									Clean - all CXI XFL Parts																							
DI 24400	In-House Assembly - CXI XFL Parts	30	0	396	272.00	30,070.24	07/29/10	09/08/10																									In-House Assembly - CXI XFL Parts																							
DI 24420	Inspect & Fiducialize - CXI XFL Parts	10	0	396	40.00	3,448.00	09/09/10	09/22/10																									Inspect & Fiducialize - CXI XFL Parts																							
DI 24440	Vacuum Process - CXI XFL Parts	10	0	396	80.00	8,246.59	09/23/10	10/06/10																									Vacuum Process - CXI XFL Parts																							
06 Testing																																																								
DI 09805	REQD: XPP XFL Controls HW/SW	0	0	106	0.00	0.00		03/10/11																									REQD: XPP XFL Controls HW/SW																							
DI 09820	Testing - XPP XFL	30	0	106	24.00	2,226.48	03/11/11	04/21/11																									Testing - XPP XFL																							
DI 09840	AVAIL: XPP XFL Ready for Installation	0	0	106	0.00	0.00		04/21/11																									AVAIL: XPP XFL Ready for Installation																							
DI 14445	REQD: XCS XFL Controls HW/SW	0	0	216	0.00	0.00		05/12/10																									REQD: XCS XFL Controls HW/SW																							
DI 14460	Testing - XCS XFL	30	0	111	24.00	2,226.48	10/07/10	11/17/10																									Testing - XCS XFL																							
DI 14480	AVAIL: XCS XFL Ready for Installation	0	0	111	0.00	0.00		11/17/10																									AVAIL: XCS XFL Ready for Installation																							
DI 24445	REQD: CXI XFL Controls HW/SW	0	0	501	0.00	0.00		05/12/10																									REQD: CXI XFL Controls HW/SW																							
DI 24460	Testing - CXI XFL	30	0	396	48.00	4,452.96	10/07/10	11/17/10																									Testing - CXI XFL																							
DI 24480	AVAIL: CXI XFL Ready for Installation	0	0	396	0.00	0.00		11/17/10																									AVAIL: CXI XFL Ready for Installation																							

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12																									
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J																			
1.5.03.03 Slit System																																																																						
02 Design / Engineering																																																																						
DI 06460	START: Slit System (Slit)	0	100		0.00	0.00	10/01/07A																																																															
DI 06480	Generate PRD - Slit	50	100		31,850.00	31,850.00	10/01/07A	01/18/08A																																																														
DI 06500	COMP: PRD Released - Slit	0	100		0.00	0.00		01/18/08A																																																														
DI 06520	Generate ESD - Slit	50	100		0.00	0.00	12/17/07A	03/31/08A																																																														
DI 06530	Update Engr Spec Doc - Slit	20	100		0.00	0.00	04/15/08A	08/15/08A																																																														
DI 06540	COMP: ESD Released - Slit	0	100		0.00	0.00		09/30/08A																																																														
DI 06541	Apr08 through Sep08 Plan Adjustment	21	100		39,487.00	39,487.00	09/01/08A	09/30/08A																																																														
DI 06560	Prelim Design & Analysis - Slit	60	100		0.00	0.00	07/09/08A	02/02/09A	█ Prelim Design & Analysis - Slit																																																													
DI 06620	Prep for PDR - Slits	10	100		50.00	5,475.80	02/03/09A	02/09/09A	█ Prep for PDR - Slits																																																													
DI 06640	PDR - Prelim Design Review - Primary Slit	1	100		8.00	806.84	02/10/09A	02/10/09A	✕ PDR - Prelim Design Review - Primary Slit																																																													
DI 06700	Finalize Design - Slit	45	100		240.00	23,050.40	02/18/09A	04/30/09A	█ Finalize Design - Slit																																																													
DI 06720	Detail Piece Part Drawings & Spec - Slit	40	60	30	100.00	8,642.00	04/15/09A	07/09/09	█ Detail Piece Part Drawings & Spec - Slit																																																													
DI 06730	Check & Release Dwgs - Slit	15	0	30	60.00	5,185.20	07/10/09	07/30/09	█ Check & Release Dwgs - Slit																																																													
DI 06735	COMP: Final Design & Detail Dwgs - Primary Slit	0	0	30	0.00	0.00		07/30/09	◆ COMP: Final Design & Detail Dwgs - Primary Slit																																																													
DI 06740	Prep for FDR - Slits	10	100		50.00	5,475.80	04/17/09A	04/30/09A	█ Prep for FDR - Slits																																																													
DI 06760	FDR - Final Design Review - Slits	1	100		8.00	806.84	04/01/09A	04/01/09A	✕ FDR - Final Design Review - Slits																																																													
DI 06780	Incorp FDR Changes - Slit	20	100		80.00	9,223.20	04/02/09A	04/29/09A	█ Incorp FDR Changes - Slit																																																													
DI 06786	Generate Mfg Docs - Slit	20	0	80	80.00	9,223.20	07/31/09	08/27/09	█ Generate Mfg Docs - Slit																																																													
DI 06787	Prep for Design Status Review - Slit	10	0	80	50.00	5,475.80	08/28/09	09/10/09	█ Prep for Design Status Review - Slit																																																													
DI 06788	Design Status Review - Slits	1	0	80	8.00	827.60	09/11/09	09/11/09	✕ Design Status Review - Slits																																																													
DI 06830	COMP: Design Phase Complete - Slit	0	0	80	0.00	0.00		09/11/09	◆ COMP: Design Phase Complete - Slit																																																													
03 Procurement																																																																						
DI 41000	Prep Bid Pkg & App - XPP/CXI/XCS Slit LL Parts	55	100		0.00	0.00	03/02/09A	05/29/09A	█ Prep Bid Pkg & App - XPP/CXI/XCS Slit LL Parts																																																													
DI 41040	AWARD: PO - XPP/CXI/XCS Slits LL Parts (FOREIGN)	1	0	64	874,170.00	935,361.90	06/01/09	06/01/09	✕ AWARD: PO - XPP/CXI/XCS Slits LL Parts (FOREIGN)																																																													
DI 41060	Vendor Fab - XPP Slits LL Parts (FOREIGN)	100	0	64	207,000.80	225,630.87	06/02/09	10/19/09	█ Vendor Fab - XPP Slits LL Parts (FOREIGN)																																																													
DI 41065	RCV: XPP Slit Long Lead Parts (FOREIGN)	0	0	64	0.00	0.00		10/19/09	◆ RCV: XPP Slit Long Lead Parts (FOREIGN)																																																													
DI 41070	Prep Bid Pkg & Ap - XPP/CXI/XCS Slit Other Parts	30	0	30	0.00	0.00	07/31/09	09/10/09	█ Prep Bid Pkg & Ap - XPP/CXI/XCS Slit Other Parts																																																													
DI 41075	AWARD: PO - XPP/CXI/XCS Slits Other Parts	1	0	30	20,948.00	22,414.36	09/11/09	09/11/09	✕ AWARD: PO - XPP/CXI/XCS Slits Other Parts																																																													
DI 41080	Vendor Fab - XPP Slits Other Parts	50	0	30	5,316.00	5,794.44	09/14/09	11/20/09	█ Vendor Fab - XPP Slits Other Parts																																																													
DI 41110	RCV: XPP Slit All Other Parts	0	0	30	0.00	0.00		11/20/09	◆ RCV: XPP Slit All Other Parts																																																													
DI 41230	Vendor Fab - CXI Slits LL Parts (FOREIGN)	80	0	201	207,000.80	221,490.86	06/02/09	09/21/09	█ Vendor Fab - CXI Slits LL Parts (FOREIGN)																																																													

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
DI 12505	AVAIL: CXI Slit Ready for Installation	0	0	53	0.00	0.00		08/03/10	◆ AVAIL: CXI Slit Ready for Installation																																															
1.5.03.04 Attenuators / Filters																																																								
02 Design / Engineering																																																								
DI 06860	START: Attenuators/Filters (ATT)	0	100		0.00	0.00	10/01/07A																																																	
DI 06880	Generate PRD - ATT	70	100		0.00	0.00	10/01/07A	01/18/08A																																																
DI 06900	COMP: PRD Released - ATT	0	100		0.00	0.00		01/18/08A																																																
DI 06910	Generate ESD - Attenuators	20	100		0.00	0.00	04/01/08A	09/15/08A																																																
DI 06940	COMP: ESD Released - ATT	0	100		0.00	0.00		09/15/08A																																																
DI 06941	Apr08 through Sep08 Plan Adjustment	21	100		24,794.46	24,794.46	09/01/08A	09/30/08A																																																
DI 06950	Conceptual Design - ATT	20	100		80.00	9,223.20	10/15/08A	11/26/08A	▬ Conceptual Design - ATT																																															
DI 06960	Prelim Design & Analysis - ATT	60	100		185.00	16,998.15	10/29/08A	01/23/09A	▬ Prelim Design & Analysis - ATT																																															
DI 06970	Prep for PDR - ATT	10	100		50.00	5,475.80	11/10/08A	12/01/08A	▬ Prep for PDR - ATT																																															
DI 06980	PDR - Prelim Design Review - ATT	1	100		8.00	806.84	11/24/08A	12/03/08A	▬ PDR - Prelim Design Review - ATT																																															
DI 07020	Finalize Design - ATT	30	100		105.00	9,795.85	02/02/09A	04/10/09A	▬ Finalize Design - ATT																																															
DI 07030	Detail Piece Part Drawings - ATT	30	25	60	150.00	13,684.75	05/25/09A	06/30/09	▬ Detail Piece Part Drawings - ATT																																															
DI 07040	Check & Release Dwgs - ATT	20	15	92	75.00	6,481.50	05/25/09A	06/19/09	▬ Check & Release Dwgs - ATT																																															
DI 07045	COMP: Piece Part Drawings Complete - ATT	0	0	451	0.00	0.00		07/24/09	◆ COMP: Piece Part Drawings Complete - ATT																																															
DI 07050	Prep for FDR - ATT	10	100		50.00	5,475.80	02/27/09A	04/09/09A	▬ Prep for FDR - ATT																																															
DI 07070	FDR - Final Design Review - Attenuator	1	100		8.00	806.84	04/10/09A	04/10/09A	▬ FDR - Final Design Review - Attenuator																																															
DI 07080	Incorp FDR Changes - Attenuator	20	45	72	80.00	9,223.20	04/13/09A	06/12/09	▬ Incorp FDR Changes - Attenuator																																															
DI 07100	Detail Assembly Drawings - ATT	10	0	60	45.00	4,033.25	07/01/09	07/14/09	▬ Detail Assembly Drawings - ATT																																															
DI 07140	Generate Mfg Docs - ATT	20	0	120	40.00	4,611.60	07/15/09	08/11/09	▬ Generate Mfg Docs - ATT																																															
DI 07155	Prelim Design & Analysis - ATT Support	20	100		48.00	4,610.08	11/03/08A	02/09/09A	▬ Prelim Design & Analysis - ATT Support																																															
DI 07160	Finalize Design - ATT Support	20	100		24.00	2,305.04	02/02/09A	04/14/09A	▬ Finalize Design - ATT Support																																															
DI 07165	Detail Piece Part Drawings - ATT Support	40	45	72	30.00	2,736.95	05/18/09A	06/26/09	▬ Detail Piece Part Drawings - ATT Support																																															
DI 07170	Check & Release Dwgs - ATT Support	20	0	72	15.00	1,296.30	06/29/09	07/24/09	▬ Check & Release Dwgs - ATT Support																																															
DI 07175	Prep for Design Status Review - ATT & Support	10	0	428	50.00	5,475.80	08/12/09	08/25/09	▬ Prep for Design Status Review - ATT & Support																																															
DI 07180	Design Status Review - ATT & Support	1	0	428	8.00	827.60	08/26/09	08/26/09	▬ Design Status Review - ATT & Support																																															
DI 07190	COMP: Design Phase - ATT & Support	0	0	428	0.00	0.00		08/26/09	◆ COMP: Design Phase - ATT & Support																																															
03 Procurement																																																								
DI 10000	Prep Bid Pkg & App - XPP Attenuator Parts	30	0	112	0.00	0.00	06/15/09	07/24/09	▬ Prep Bid Pkg & App - XPP Attenuator Parts																																															
DI 10002	RELEASE RFP: XPP Attenuator Parts	0	0	112	0.00	0.00		07/24/09	◆ RELEASE RFP: XPP Attenuator Parts																																															
DI 10004	Vendor Proposal Effort - XPP Attenuator Parts	20	0	112	0.00	0.00	07/27/09	08/21/09	▬ Vendor Proposal Effort - XPP Attenuator Parts																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
DI 10006	RCV: Vendor Proposals - XPP Attenuator Parts	0	0	112	0.00	0.00		08/21/09	◆ RCV: Vendor Proposals - XPP Attenuator Parts																																															
DI 10008	Eval & Selection Process - XPP Attenuator Parts	20	0	112	0.00	0.00	08/24/09	09/18/09	▲▲ Eval & Selection Process - XPP Attenuator Parts																																															
DI 10010	SLAC Approval Process - XPP Attenuator Parts	5	0	112	0.00	0.00	09/21/09	09/25/09	▲ SLAC Approval Process - XPP Attenuator Parts																																															
DI 10020	DOE Approval Process - XPP Attenuator Parts	5	0	112	0.00	0.00	09/28/09	10/02/09	▲ DOE Approval Process - XPP Attenuator Parts																																															
DI 10025	AWARD: XPP Attenuator Parts	1	0	340	44,665.00	48,684.85	10/05/09	10/05/09	▲ AWARD: XPP Attenuator Parts																																															
DI 10030	Vendor Fab - XPP Attenuator Parts	60	0	340	44,665.00	48,684.85	10/06/09	01/13/10	▲ Vendor Fab - XPP Attenuator Parts																																															
DI 10035	RCV: XPP Attenuator Parts	0	0	340	0.00	0.00		01/13/10	◆ RCV: XPP Attenuator Parts																																															
DI 12580	AWARD: CXI/XCS Attenuator Parts	1	0	92	89,330.00	97,369.70	11/02/09	11/02/09	▲ AWARD: CXI/XCS Attenuator Parts																																															
DI 12600	Vendor Fab - CXI Attenuator Parts	60	0	92	44,665.00	48,684.85	11/03/09	02/10/10	▲ Vendor Fab - CXI Attenuator Parts																																															
DI 12620	RCV: CXI Attenuator Parts	0	0	92	0.00	0.00		02/10/10	◆ RCV: CXI Attenuator Parts																																															
DI 14620	Vendor Fab - XCS Attenuator Parts	60	0	166	44,665.00	48,684.85	02/11/10	05/05/10	▲ Vendor Fab - XCS Attenuator Parts																																															
DI 14640	RCV: XCS Attenuator Parts	0	0	166	0.00	0.00		05/05/10	◆ RCV: XCS Attenuator Parts																																															
05 Fab / Assembly																																																								
DI 10045	Inspect Procured Parts - XPP ATT Parts	10	0	340	21.90	2,202.92	01/14/10	01/27/10	▲ Inspect Procured Parts - XPP ATT Parts																																															
DI 10050	Clean - all XPP ATT Parts	10	0	340	20.00	3,971.40	01/28/10	02/10/10	▲ Clean - all XPP ATT Parts																																															
DI 10155	In-House Assembly - XPP ATT Parts	30	0	340	94.00	10,249.70	02/11/10	03/24/10	▲ In-House Assembly - XPP ATT Parts																																															
DI 10160	Inspect & Fiducialize - XPP ATT	10	0	340	10.00	862.00	03/25/10	04/07/10	▲ Inspect & Fiducialize - XPP ATT																																															
DI 10165	Vacuum Process - XPP ATT Parts	10	0	340	40.00	4,023.60	04/08/10	04/21/10	▲ Vacuum Process - XPP ATT Parts																																															
DI 12660	Inspect Procured Parts - CXI ATT Parts	10	0	92	21.90	2,202.92	02/11/10	02/24/10	▲ Inspect Procured Parts - CXI ATT Parts																																															
DI 12680	Clean - all CXI ATT Parts	10	0	92	20.00	3,971.40	02/25/10	03/10/10	▲ Clean - all CXI ATT Parts																																															
DI 12700	In-House Assembly - CXI ATT Parts	30	0	92	94.00	10,249.70	03/11/10	04/21/10	▲ In-House Assembly - CXI ATT Parts																																															
DI 12720	Inspect & Fiducialize - CXI ATT	10	0	92	10.00	862.00	04/22/10	05/05/10	▲ Inspect & Fiducialize - CXI ATT																																															
DI 12740	Vacuum Process - CXI ATT Parts	10	0	92	40.00	4,023.60	05/06/10	05/19/10	▲ Vacuum Process - CXI ATT Parts																																															
DI 14680	Inspect Procured Parts - XCS ATT Parts	10	0	166	21.90	2,202.92	05/06/10	05/19/10	▲ Inspect Procured Parts - XCS ATT Parts																																															
DI 14700	Clean - all XCS ATT Parts	10	0	166	20.00	3,971.40	05/20/10	06/02/10	▲ Clean - all XCS ATT Parts																																															
DI 14720	In-House Assembly - XCS ATT Parts	30	0	166	94.00	10,249.70	06/03/10	07/14/10	▲ In-House Assembly - XCS ATT Parts																																															
DI 14740	Inspect & Fiducialize - XCS ATT	10	0	166	10.00	862.00	07/15/10	07/28/10	▲ Inspect & Fiducialize - XCS ATT																																															
DI 14760	Vacuum Process - XCS ATT Parts	10	0	166	40.00	4,023.60	07/29/10	08/11/10	▲ Vacuum Process - XCS ATT Parts																																															
06 Testing																																																								
DI 10170	REQD: XPP ATT Controls HW/SW	0	0	261	0.00	0.00		08/10/10	◆ REQD: XPP ATT Controls HW/SW																																															
DI 10175	Testing - XPP ATT	15	0	261	24.00	2,140.96	08/11/10	08/31/10	▲ Testing - XPP ATT																																															
DI 10180	AVAIL: XPP ATT Ready for Installation	0	0	261	0.00	0.00		08/31/10	◆ AVAIL: XPP ATT Ready for Installation																																															
DI 12745	REQD: CXI ATT Controls HW/SW	0	0	82	0.00	0.00		06/02/10	◆ REQD: CXI ATT Controls HW/SW																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S		
DI 12760	Testing - CXI ATT	15	0	82	24.00	2,140.96	06/03/10	06/23/10	▲ Testing - CXI ATT																																															
DI 12780	AVAIL: CXI ATT Ready for Installation	0	0	82	0.00	0.00		06/23/10	◆ AVAIL: CXI ATT Ready for Installation																																															
DI 14765	REQD: XCS ATT Controls HW/SW	0	0	240	0.00	0.00		04/29/10	◆ REQD: XCS ATT Controls HW/SW																																															
DI 14780	Testing - XCS ATT	15	0	166	24.00	2,140.96	08/12/10	09/01/10	▲ Testing - XCS ATT																																															
DI 14800	AVAIL: XCS ATT Ready for Installation	0	0	166	0.00	0.00		09/01/10	◆ AVAIL: XCS ATT Ready for Installation																																															
1.5.03.05 Pulse Picker																																																								
02 Design / Engineering																																																								
DI 07380	START: Pulse Picker	0	100		0.00	0.00	10/01/07A																																																	
DI 07400	Generate PRD - Pulse Picker	100	100		0.00	0.00	10/01/07A	01/18/08A																																																
DI 07420	COMP: PRD Released - Pulse Picker	0	100		0.00	0.00		01/18/08A																																																
DI 07440	Generate ESD - Pulse Picker	25	100		0.00	0.00	09/01/08A	11/03/08A																																																
DI 07460	COMP: ESD Released - Pulse Picker	0	100		0.00	0.00		01/05/09A	◆ COMP: ESD Released - Pulse Picker																																															
DI 07461	Apr08 through Sep08 Plan Adjustment	21	100		10,751.00	10,751.00	09/01/08A	09/30/08A																																																
DI 07470	Conceptual Design - Pulse Picker	20	100		0.00	0.00	09/08/08A	12/01/08A	▮ Conceptual Design - Pulse Picker																																															
DI 07480	Prelim Design & Analysis - Pulse Picker	20	100		200.00	17,284.00	10/20/08A	01/05/09A	▮ Prelim Design & Analysis - Pulse Picker																																															
DI 07520	Prep for PDR - Pulse Picker	10	100		50.00	5,475.80	11/10/08A	12/03/08A	▮ Prep for PDR - Pulse Picker																																															
DI 07540	PDR - Prelim Design Review - Pulse Picker	1	100		8.00	806.84	11/24/08A	12/01/08A	▮ PDR - Prelim Design Review - Pulse Picker																																															
DI 07580	Finalize Design - Pulse Picker	25	100		100.00	8,642.00	01/05/09A	04/14/09A	▮ Finalize Design - Pulse Picker																																															
DI 07620	Detail Piece Part & Assy Drawings - Pulse Picker	20	15	60	120.00	10,947.80	05/25/09A	07/14/09	▮ Detail Piece Part & Assy Drawings - Pulse Picker																																															
DI 07630	Check & Approve Dwgs - Pulse Picker	20	0	60	60.00	5,185.20	07/15/09	08/11/09	▲ Check & Approve Dwgs - Pulse Picker																																															
DI 07640	Prep for FDR - Pulse Picker	10	100		50.00	5,475.80	02/27/09A	04/09/09A	▮ Prep for FDR - Pulse Picker																																															
DI 07650	COMP: Drawings Complete - Pulse Picker	0	0	60	0.00	0.00		08/11/09	◆ COMP: Drawings Complete - Pulse Picker																																															
DI 07660	FDR - Final Design Review - Pulse Picker	5	100		8.00	806.84	04/16/09A	04/16/09A	▮ FDR - Final Design Review - Pulse Picker																																															
DI 07680	Incorp FDR Changes - Pulse Picker	20	50	32	80.00	6,913.60	04/20/09A	06/12/09	▮ Incorp FDR Changes - Pulse Picker																																															
DI 07686	Generate Mfg Docs - Pulse Picker	20	0	120	24.00	2,766.96	07/15/09	08/11/09	▲ Generate Mfg Docs - Pulse Picker																																															
DI 07687	Prep for Design Status Review - Pulse Picker	10	0	120	50.00	5,475.80	08/12/09	08/25/09	▲ Prep for Design Status Review - Pulse Picker																																															
DI 07688	Design Status Review - Pulse Picker	1	0	120	8.00	827.60	08/26/09	08/26/09	▮ Design Status Review - Pulse Picker																																															
DI 07700	COMP: Design Phase Complete - Pulse Picker	0	0	120	0.00	0.00		08/26/09	◆ COMP: Design Phase Complete - Pulse Picker																																															
03 Procurement																																																								
DI 12800	Prep Bid Pkg & App - XPP/CXI/XCS Pulse Picker LL	45	0	32	0.00	0.00	06/15/09	08/14/09	▲ Prep Bid Pkg & App - XPP/CXI/XCS Pulse Picker LL																																															
DI 12803	RELEASE RFP: XPP/CXI/XCS Pulse Picker LL	0	0	32	0.00	0.00		08/14/09	◆ RELEASE RFP: XPP/CXI/XCS Pulse Picker LL																																															
DI 12806	Vendor Proposal Effort - XPP/CXI/XCS PlsPkr LL	20	0	32	0.00	0.00	08/17/09	09/11/09	▲ Vendor Proposal Effort - XPP/CXI/XCS PlsPkr LL																																															
DI 12809	RCV: Vendor Proposals -XPP/CXI/XCS PlsPkr LL	0	0	32	0.00	0.00		09/11/09	◆ RCV: Vendor Proposals -XPP/CXI/XCS PlsPkr LL																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J											
DI 12986	DOE Approval Process - XPP/CXI/XCS PP w/coatings	5	0	57	0.00	0.00	12/02/09	12/08/09													▲ DOE Approval Process - XPP/CXI/XCS PP w/coatings																																			
DI 13000	AWARD: PO - XPP Pulse Picker Parts w/Coating	1	0	57	29,290.00	31,926.10	12/09/09	12/09/09													▲ AWARD: PO - XPP Pulse Picker Parts w/Coating																																			
DI 13010	AWARD: PO - CXI/XCS Pulse Picker Parts w/Coating	1	0	94	54,710.00	59,633.90	01/20/10	01/20/10													▲ AWARD: PO - CXI/XCS Pulse Picker Parts w/Coating																																			
DI 13020	Vendor Coating - XPP Pulse Picker Parts w/coatin	30	0	32	29,290.00	31,926.10	01/28/10	03/10/10													▲ Vendor Coating - XPP Pulse Picker Parts w/coatin																																			
DI 13030	Vendor Coating - CXI Pulse Picker Parts w/coatin	30	0	69	27,355.00	29,816.95	02/25/10	04/07/10													▲ Vendor Coating - CXI Pulse Picker Parts w/coatin																																			
DI 13035	Vendor Coating - XCS Pulse Picker Parts w/coatin	30	0	242	27,355.00	29,816.95	05/13/10	06/23/10													▲ Vendor Coating - XCS Pulse Picker Parts w/coatin																																			
DI 13040	RCV: XPP Pulse Picker Parts with Coating	0	0	32	0.00	0.00		03/10/10													◆ RCV: XPP Pulse Picker Parts with Coating																																			
DI 13050	RCV: CXI Pulse Picker Parts with Coating	0	0	69	0.00	0.00		04/07/10													◆ RCV: CXI Pulse Picker Parts with Coating																																			
DI 13060	RCV: XCS Pulse Picker Parts with Coating	0	0	242	0.00	0.00		06/23/10													◆ RCV: XCS Pulse Picker Parts with Coating																																			
05 Fab / Assembly																																																								
DI 12940	In-House Fab & Machine-XPP Pulse Picker Parts	50	0	52	138.00	17,105.10	12/03/09	02/24/10													▲ In-House Fab & Machine-XPP Pulse Picker Parts																																			
DI 13080	Inspect Procured Parts - XPP Pulse Picker	10	0	32	14.00	1,408.26	03/11/10	03/24/10													▲ Inspect Procured Parts - XPP Pulse Picker																																			
DI 13100	Clean - XPP Pulse Picker Parts	10	0	32	4.00	794.28	03/25/10	04/07/10													▲ Clean - XPP Pulse Picker Parts																																			
DI 13156	In-House Assembly - XPP Pulse Picker Parts	15	0	32	78.50	8,468.64	04/08/10	04/28/10													▲ In-House Assembly - XPP Pulse Picker Parts																																			
DI 13158	Inspect & Fiducialize - XPP Pulse Picker Parts	3	0	32	8.00	689.60	04/29/10	05/03/10													▲ Inspect & Fiducialize - XPP Pulse Picker Parts																																			
DI 13160	Vacuum Process - XPP Pulse Picker Parts	15	0	32	52.00	5,230.68	05/04/10	05/24/10													▲ Vacuum Process - XPP Pulse Picker Parts																																			
DI 16100	In-House Fab & Machine- CXI Pulse Picker Parts	55	0	84	138.00	17,105.10	01/14/10	03/31/10													▲ In-House Fab & Machine- CXI Pulse Picker Parts																																			
DI 16105	Inspect Procured Parts - CXI Pulse Picker	10	0	69	14.00	1,408.26	04/08/10	04/21/10													▲ Inspect Procured Parts - CXI Pulse Picker																																			
DI 16110	Clean - all CXI Pulse Picker Parts	10	0	69	4.00	794.28	04/22/10	05/05/10													▲ Clean - all CXI Pulse Picker Parts																																			
DI 16115	In-House Assembly - CXI Pulse Picker Parts	15	0	69	78.50	8,468.64	05/06/10	05/26/10													▲ In-House Assembly - CXI Pulse Picker Parts																																			
DI 16120	Inspect & Fiducialize - CXI Pulse Picker Parts	3	0	69	8.00	689.60	05/27/10	05/31/10													▲ Inspect & Fiducialize - CXI Pulse Picker Parts																																			
DI 16125	Vacuum Process - CXI Pulse Picker Parts	15	0	69	52.00	5,230.68	06/01/10	06/21/10													▲ Vacuum Process - CXI Pulse Picker Parts																																			
DI 16130	In-House Fab & Machine- XCS Pulse Picker Parts	55	0	272	138.00	17,105.10	03/11/10	05/26/10													▲ In-House Fab & Machine- XCS Pulse Picker Parts																																			
DI 16135	Inspect Procured Parts - XCS Pulse Picker	10	0	242	14.00	1,408.26	06/24/10	07/07/10													▲ Inspect Procured Parts - XCS Pulse Picker																																			
DI 16140	Clean - XCS Pulse Picker Parts	10	0	242	4.00	794.28	07/08/10	07/21/10													▲ Clean - XCS Pulse Picker Parts																																			
DI 16145	In-House Assembly - XCS Pulse Picker Parts	15	0	242	78.50	8,468.64	07/22/10	08/11/10													▲ In-House Assembly - XCS Pulse Picker Parts																																			
DI 16150	Inspect & Fiducialize - XCS Pulse Picker Parts	3	0	242	8.00	689.60	08/12/10	08/16/10													▲ Inspect & Fiducialize - XCS Pulse Picker Parts																																			
DI 16155	Vacuum Process - XCS Pulse Picker Parts	15	0	242	52.00	5,230.68	08/17/10	09/06/10													▲ Vacuum Process - XCS Pulse Picker Parts																																			
06 Testing																																																								
DI 13230	REQD: XPP Pulse Picker Controls HW/SW	0	0	122	0.00	0.00		01/18/10													◆ REQD: XPP Pulse Picker Controls HW/SW																																			
DI 13235	Testing - XPP Pulse Picker	15	0	32	24.00	2,140.96	05/25/10	06/14/10													▲ Testing - XPP Pulse Picker																																			
DI 13240	AVAIL: XPP Pulse Picker Ready For Installation	0	0	32	0.00	0.00		06/14/10													◆ AVAIL: XPP Pulse Picker Ready For Installation																																			
DI 16160	REQD: CXI Pulse Picker Controls HW/SW	0	0	67	0.00	0.00		06/23/10													◆ REQD: CXI Pulse Picker Controls HW/SW																																			

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
DI 16165	Testing - CXI Pulse Picker	15	0	67	24.00	2,140.96	06/24/10	07/14/10	Testing - CXI Pulse Picker																																															
DI 16170	AVAIL: CXI Pulse Picker Ready For Installation	0	0	67	0.00	0.00		07/14/10	AVAIL: CXI Pulse Picker Ready For Installation																																															
DI 16175	REQD: XCS Pulse Picker Controls HW/SW	0	0	288	0.00	0.00		07/02/10	REQD: XCS Pulse Picker Controls HW/SW																																															
DI 16180	Testing - XCS Pulse Picker	15	0	242	24.00	2,140.96	09/07/10	09/27/10	Testing - XCS Pulse Picker																																															
DI 16185	AVAIL: XCS Pulse Picker Ready For Installation	0	0	242	0.00	0.00		09/27/10	AVAIL: XCS Pulse Picker Ready For Installation																																															
1.5.03.06 Harmonic Rejection Mirrors																																																								
02 Design / Engineering																																																								
DI 07800	START: Harmonic Rejection Mirrors (HRM)	0	100		0.00	0.00	10/01/07A																																																	
DI 07820	Generate PRD - HRM	80	100		0.00	0.00	10/01/07A	01/18/08A																																																
DI 07840	COMP: PRD Released - HRM	0	100		0.00	0.00		01/18/08A																																																
DI 07860	Generate ESD - HRM	80	100		0.00	0.00	09/01/08A	09/30/08A																																																
DI 07880	COMP: ESD Released - HRM	0	100		0.00	0.00		09/30/08A																																																
DI 07881	Apr08 through Sep08 Plan Adjustment	21	100		9,052.25	9,052.25	09/01/08A	09/30/08A																																																
DI 07890	Conceptual Design - HRM	30	70	764	160.00	14,980.19	09/30/08A	06/03/09	Conceptual Design - HRM																																															
DI 07900	Prelim Design & Analysis - HRM	80	60	762	320.00	29,964.00	10/13/08A	06/05/09	Prelim Design & Analysis - HRM																																															
DI 07910	Prep for PDR - HRM	10	15	-2	50.00	5,475.80	05/27/09A	06/12/09	Prep for PDR - HRM																																															
DI 07920	PDR - Prelim Design Review - HRM	1	0	-2	8.00	806.84	06/15/09	06/15/09	PDR - Prelim Design Review - HRM																																															
DI 07940	Finalize Design - HRM	80	0	164	200.00	18,488.64	06/16/09	10/05/09	Finalize Design - HRM																																															
DI 07960	Detail Piece Part Drawings - HRM	40	0	170	180.00	17,006.96	09/15/09	11/09/09	Detail Piece Part Drawings - HRM																																															
DI 07970	Check & Release Dwgs - HRM	20	0	164	90.00	8,089.20	11/18/09	12/17/09	Check & Release Dwgs - HRM																																															
DI 07975	COMP: Piece Part Drawings Complete - HRM	0	0	164	0.00	0.00		12/17/09	COMP: Piece Part Drawings Complete - HRM																																															
DI 07980	Prep for FDR - HRM	10	0	164	50.00	5,695.20	10/06/09	10/19/09	Prep for FDR - HRM																																															
DI 07990	FDR - Final Design Review - HRM	1	0	164	8.00	839.16	10/20/09	10/20/09	FDR - Final Design Review - HRM																																															
DI 08000	Incorp FDR Changes - HRM	20	0	164	80.00	7,190.40	10/21/09	11/17/09	Incorp FDR Changes - HRM																																															
DI 08020	Generate Assembly Drawings - HRM	10	0	303	40.00	3,595.20	12/18/09	01/14/10	Generate Assembly Drawings - HRM																																															
DI 08060	Generate Mfg Docs - HRM	20	0	303	80.00	9,592.80	01/15/10	02/11/10	Generate Mfg Docs - HRM																																															
DI 08070	Prep for Design Status Review - HRM	10	0	303	50.00	5,695.20	02/12/10	02/25/10	Prep for Design Status Review - HRM																																															
DI 08100	Design Status Review - HRM	1	0	303	8.00	839.16	02/26/10	02/26/10	Design Status Review - HRM																																															
DI 08120	COMP: Design Phase Complete - HRM	0	0	303	0.00	0.00		02/26/10	COMP: Design Phase Complete - HRM																																															
03 Procurement																																																								
DI 10440	Prep Bid Pkg & App - XPP HRM Long Lead Parts	30	0	200	0.00	0.00	06/16/09	07/27/09	Prep Bid Pkg & App - XPP HRM Long Lead Parts																																															
DI 10445	AWARD: PO - XPP HRM Long Lead Parts	1	0	324	44,000.00	47,080.00	07/28/09	07/28/09	AWARD: PO - XPP HRM Long Lead Parts																																															
DI 10450	Vendor Fab - XPP HRM Long Lead Parts	120	0	324	44,000.00	47,960.00	07/29/09	01/28/10	Vendor Fab - XPP HRM Long Lead Parts																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D J F M A M J J A S O N D J J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J												D J F M A M J											
DI 10455	RCV: XPP HRM Long Lead Parts	0	0	324	0.00	0.00		01/28/10													◆ RCV: XPP HRM Long Lead Parts																																			
DI 10460	Prep Bid Pkg & App - XPP Other HRM	30	0	164	0.00	0.00	12/18/09	02/11/10													▲▲▲ Prep Bid Pkg & App - XPP Other HRM																																			
DI 10465	AWARD: PO - XPP HRM Other Parts	1	0	258	40,971.00	44,658.39	02/12/10	02/12/10													✕ AWARD: PO - XPP HRM Other Parts																																			
DI 10470	Vendor Fab - XPP HRM Other Parts	60	0	258	40,971.00	44,658.39	02/15/10	05/07/10													▲▲▲ Vendor Fab - XPP HRM Other Parts																																			
DI 10475	RCV: XPP HRM Other Parts	0	0	258	0.00	0.00		05/07/10													◆ RCV: XPP HRM Other Parts																																			
DI 14820	Prep Bid Pkg & App - XCS HRM Long Lead Parts	30	0	200	0.00	0.00	07/28/09	09/07/09													▲▲▲ Prep Bid Pkg & App - XCS HRM Long Lead Parts																																			
DI 14840	AWARD: PO - XCS HRM Long Lead Parts	1	0	161	44,000.00	47,960.00	11/02/09	11/02/09													✕ AWARD: PO - XCS HRM Long Lead Parts																																			
DI 14860	Vendor Fab - XCS HRM Long Lead Parts	120	0	161	44,000.00	47,960.00	11/03/09	05/05/10													▲▲▲ Vendor Fab - XCS HRM Long Lead Parts																																			
DI 14880	RCV: XCS HRM Long Lead Parts	0	0	161	0.00	0.00		05/05/10													◆ RCV: XCS HRM Long Lead Parts																																			
DI 14900	Prep Bid Pkg & App - XCS HRM Other Parts	30	0	164	0.00	0.00	12/18/09	02/11/10													▲▲▲ Prep Bid Pkg & App - XCS HRM Other Parts																																			
DI 14920	AWARD: PO - XCS HRM Other Parts	1	0	164	40,971.00	44,658.39	02/12/10	02/12/10													✕ AWARD: PO - XCS HRM Other Parts																																			
DI 14940	Vendor Fab - XCS HRM Other Parts	60	0	164	40,971.00	44,658.39	02/15/10	05/07/10													▲▲▲ Vendor Fab - XCS HRM Other Parts																																			
DI 14960	RCV: XCS HRM Other Parts	0	0	164	0.00	0.00		05/07/10													◆ RCV: XCS HRM Other Parts																																			
05 Fab / Assembly																																																								
DI 10480	Inspect Procured Parts - XPP HRM Long Lead	15	0	303	80.00	8,047.20	03/01/10	03/19/10													▲▲ Inspect Procured Parts - XPP HRM Long Lead																																			
DI 10485	Inspect Procured Parts - XPP HRM Misc	10	0	258	32.70	3,289.29	05/10/10	05/21/10													▲▲ Inspect Procured Parts - XPP HRM Misc																																			
DI 10490	Clean - all XPP HRM Parts	10	0	258	32.00	6,354.24	05/24/10	06/04/10													▲▲ Clean - all XPP HRM Parts																																			
DI 10495	In-House Assembly - XPP HRM Parts	35	0	258	147.00	17,379.69	06/07/10	07/23/10													▲▲▲ In-House Assembly - XPP HRM Parts																																			
DI 10500	Inspect & Fiducialize - XPP HRM	10	0	258	8.00	689.60	07/26/10	08/06/10													▲▲ Inspect & Fiducialize - XPP HRM																																			
DI 10505	Vacuum Process - XPP HRM Parts	10	0	258	40.00	4,023.60	08/09/10	08/20/10													▲▲ Vacuum Process - XPP HRM Parts																																			
DI 14980	Inspect Procured Parts - XCS HRM Long Lead	15	0	161	80.00	8,047.20	05/06/10	05/26/10													▲▲ Inspect Procured Parts - XCS HRM Long Lead																																			
DI 15000	Inspect Procured Parts - XCS HRM Misc Parts	10	0	164	32.70	3,289.29	05/10/10	05/21/10													▲▲ Inspect Procured Parts - XCS HRM Misc Parts																																			
DI 15020	Clean - all XCS HRM Parts	10	0	161	32.00	6,354.24	05/27/10	06/09/10													▲▲ Clean - all XCS HRM Parts																																			
DI 15040	In-House Assembly - XCS HRM Parts	35	0	161	147.00	17,379.69	06/10/10	07/28/10													▲▲▲ In-House Assembly - XCS HRM Parts																																			
DI 15060	Inspect & Fiducialize - XCS HRM Parts	10	0	161	8.00	689.60	07/29/10	08/11/10													▲▲ Inspect & Fiducialize - XCS HRM Parts																																			
DI 15080	Vacuum Process - XCS HRM Parts	10	0	161	40.00	4,023.60	08/12/10	08/25/10													▲▲ Vacuum Process - XCS HRM Parts																																			
06 Testing																																																								
DI 10510	REQD: XPP HRM Controls HW/SW	0	0	266	0.00	0.00		08/10/10													◆ REQD: XPP HRM Controls HW/SW																																			
DI 10515	Testing - XPP HRM	10	0	258	24.00	2,140.96	08/23/10	09/03/10													▲▲ Testing - XPP HRM																																			
DI 10520	AVAIL: XPP HRM Ready for Installation	0	0	258	0.00	0.00		09/03/10													◆ AVAIL: XPP HRM Ready for Installation																																			
DI 15085	REQD: XCS HRM Controls HW/SW	0	0	236	0.00	0.00		05/12/10													◆ REQD: XCS HRM Controls HW/SW																																			
DI 15100	Testing - XCS HRM	10	0	161	24.00	2,140.96	08/26/10	09/08/10													▲▲ Testing - XCS HRM																																			
DI 15120	AVAIL: XCS HRM Ready for Installation	0	0	161	0.00	0.00		09/08/10													◆ AVAIL: XCS HRM Ready for Installation																																			

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09					FY10					FY11					FY12																		
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
1.5.03.07 Channel Cut Monochromator																																										
02 Design / Engineering																																										
DI 60290	Generate PRD - Channel Cut Monochromator	20	0	118	80.00	10,467.20	07/01/09*	07/28/09	▲▲▲ Generate PRD - Channel Cut Monochromator																																	
DI 60310	Generate ESD - Channel Cut Monochromator	20	0	118	80.00	9,223.20	07/29/09	08/25/09	▲▲▲ Generate ESD - Channel Cut Monochromator																																	
DI 60330	Develop ANL MOU - CC Monochromator	30	0	118	80.00	9,272.48	08/26/09	10/06/09	▲▲▲ Develop ANL MOU - CC Monochromator																																	
DI 60350	Design Review - CC Monochromator	2	0	118	5,032.00	10,245.84	10/29/09	10/30/09	▲ Design Review - CC Monochromator																																	
DI 60390	Establish MOU - Channel Cut Monochromator	5	0	118	5,040.00	11,269.80	10/07/09	10/13/09	▲▲ Establish MOU - Channel Cut Monochromator																																	
DI 60430	Oversight & Integration - Channel Cut Mono	302	0	131	160.00	20,647.22	10/14/09	01/12/11	▲▲▲▲▲ Oversight & Integration - Channel Cut Mono																																	
04 Subcontract																																										
DI 60470	Fab Coordination and Oversight - XCS CC Mono-ANL	115	0	238	400.00	49,164.00	11/02/09	04/27/10	▲▲▲▲ Fab Coordination and Oversight - XCS CC Mono-ANL																																	
DI 60525	SLAC Approval Process - CC Mono	5	0	118	0.00	0.00	10/14/09	10/20/09	▲▲ SLAC Approval Process - CC Mono																																	
DI 60535	DOE Approval Process - CC Mono	5	0	118	0.00	0.00	10/21/09	10/27/09	▲▲ DOE Approval Process - CC Mono																																	
DI 60540	AWARD: XCS Channel Cut Monochromator	1	0	118	215,720.00	235,134.80	10/28/09	10/28/09	▲▲ AWARD: XCS Channel Cut Monochromator																																	
DI 60575	Vendor Components -XCS Channel Cut Monochromator	40	0	118	215,720.00	235,134.80	11/02/09	01/12/10	▲▲▲▲ Vendor Components -XCS Channel Cut Monochromator																																	
DI 60580	Vendor Parts Inspection - XCS CC Mono - ANL	20	0	118	100.00	7,216.00	01/13/10	02/09/10	▲▲▲ Vendor Parts Inspection - XCS CC Mono - ANL																																	
DI 60585	Vendor Parts Cleaning and Processing - ANL	10	0	118	100.00	7,216.00	02/10/10	02/23/10	▲▲▲ Vendor Parts Cleaning and Processing - ANL																																	
DI 60590	Monochromator Assembly - XCS CC Mono - ANL	120	0	118	400.00	28,864.00	02/24/10	08/10/10	▲▲▲▲ Monochromator Assembly - XCS CC Mono - ANL																																	
DI 60610	Monochromator Testing - XCS CC Mono - ANL	20	0	118	100.00	7,216.00	08/11/10	09/07/10	▲▲▲ Monochromator Testing - XCS CC Mono - ANL																																	
DI 60620	Acceptance of Vendor Fab - XCS CC Monochromator	5	0	118	5,080.00	12,672.80	09/08/10	09/14/10	▲▲ Acceptance of Vendor Fab - XCS CC Monochromator																																	
DI 60630	Shipping - XCS CC Monochromator - ANL	20	0	118	10,000.00	13,920.00	09/15/10	10/12/10	▲▲▲ Shipping - XCS CC Monochromator - ANL																																	
DI 60650	XCS CC Monochromator Installation - ANL	20	0	118	180.00	13,573.80	10/13/10	11/09/10	▲▲▲ XCS CC Monochromator Installation - ANL																																	
DI 60670	XCS CC Monochromator Field Testing - ANL	10	0	118	180.00	13,573.80	11/10/10	11/23/10	▲▲ XCS CC Monochromator Field Testing - ANL																																	
DI 60680	AVAIL: XCS Channel Cut Monochromator	0	0	118	0.00	0.00		11/23/10	◆ AVAIL: XCS Channel Cut Monochromator																																	
1.6 CONTROLS AND DATA ACQUISITION																																										
01 Management / Administration																																										
CD 00001	COMP: Controls Preliminary Design	0	0	82	0.00	0.00		04/05/10	◆ COMP: Controls Preliminary Design																																	
CD 00002	COMP: Controls Design Ready XPP FIDR	0	100		0.00	0.00		02/02/09A	◆ COMP: Controls Design Ready XPP FIDR																																	
CD 00003	COMP: Controls Final Design - XPP	0	0	68	0.00	0.00		04/23/10	◆ COMP: Controls Final Design - XPP																																	
CD 00004	COMP: Controls XPP ES Installation Complete	0	0	17	0.00	0.00		07/05/10	◆ COMP: Controls XPP ES Installation Complete																																	
CD 00007	COMP: Controls Design Ready CXI FIDR	0	100		0.00	0.00		05/25/09A	◆ COMP: Controls Design Ready CXI FIDR																																	
CD 00009	COMP: Controls Final Design - CXI	0	0	157	0.00	0.00		09/20/10	◆ COMP: Controls Final Design - CXI																																	
CD 00014	COMP: Controls CXI ES Installation Complete	0	0	46	0.00	0.00		03/10/11	◆ COMP: Controls CXI ES Installation Complete																																	
CD 00017	COMP: Controls Design Ready XCS FIDR	0	100		0.00	0.00		05/25/09A	◆ COMP: Controls Design Ready XCS FIDR																																	

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
CD 00019	COMP: Controls Final Design - CD-4	0	0	309	0.00	0.00		06/24/10	◆ COMP: Controls Final Design - CD-4																																															
CD 00024	COMP: Controls CD-4 Installation Complete	0	0	60	0.00	0.00		06/24/11	◆ COMP: Controls CD-4 Installation Complete																																															
1.6.01 Controls and Data Acquisition System Integration																																																								
02 Design / Engineering																																																								
CD 00015	Start Controls and Data Acquisition	0	100		0.00	0.00	09/04/07A																																																	
CD 00020	Controls Physics Support FY07	19	100		0.00	0.00	09/04/07A	09/28/07A																																																
CD 00025	Controls Physics Support FY08-Q1 & Q2	121	100		78,115.00	78,115.00	10/01/07A	03/31/08A																																																
CD 00026	Apr08 through Sep08 Plan Adjustment	21	100		170,244.00	170,244.00	09/01/08A	09/30/08A																																																
CD 00027	Controls Physics Support FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
CD 00030	Controls Physics Support FY09-Q1 & Q2	118	100		0.00	0.00	10/01/08A	03/31/09A	■ Controls Physics Support FY09-Q1 & Q2																																															
CD 00032	Controls Physics Support FY09-Q3 & Q4	131*	24	126	0.00	0.00	04/01/09A	09/30/09	■ Controls Physics Support FY09-Q3 & Q4																																															
CD 00035	Controls Physics Support FY10	249	0	126	0.00	0.00	10/01/09	09/30/10	■ Controls Physics Support FY10																																															
CD 00040	Controls Physics Support FY11	249	0	126	0.00	0.00	10/01/10	09/30/11	■ Controls Physics Support FY11																																															
CD 00045	Controls Physics Support FY12	55	0	126	0.00	0.00	10/03/11	12/23/11	■ Controls Physics Support FY12																																															
CD 00055	Engineering Integration & Support FY08-Q1 & Q2	121	100		119.00	119.00	10/01/07A	03/31/08A																																																
CD 00057	Engineering Integration & Support FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
CD 00060	Engineering Integration & Support FY09-Q1 & Q2	118	100		882.00	102,902.94	10/01/08A	03/31/09A	■ Engineering Integration & Support FY09-Q1 & Q2																																															
CD 00062	Engineering Integration & Support FY09-Q3 & Q4	131*	24	126	882.00	102,902.94	04/01/09A	09/30/09	■ Engineering Integration & Support FY09-Q3 & Q4																																															
CD 00065	Engineering Integration & Support FY10	249	0	126	1,764.00	214,026.12	10/01/09	09/30/10	■ Engineering Integration & Support FY10																																															
CD 00070	Engineering Integration & Support FY11	249	0	126	1,764.00	222,599.16	10/01/10	09/30/11	■ Engineering Integration & Support FY11																																															
CD 00075	Engineering Integration & Support FY12	55	0	126	400.00	52,496.00	10/03/11	12/23/11	■ Engineering Integration & Support FY12																																															
CD 00078	Lab Supplies FY08-Q1 & Q2	121	100		22.00	22.00	10/01/07A	03/31/08A																																																
CD 00079	Lab Supplies FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
CD 00080	Lab Supplies FY09-Q1 & Q2	118	100		3,750.00	4,012.50	10/01/08A	03/31/09A	■ Lab Supplies FY09-Q1 & Q2																																															
CD 00081	Lab Supplies FY09-Q3 & Q4	131*	24	126	3,750.00	4,012.50	04/01/09A	09/30/09	■ Lab Supplies FY09-Q3 & Q4																																															
CD 00082	Lab Supplies FY10	249	0	126	7,500.00	8,175.00	10/01/09	09/30/10	■ Lab Supplies FY10																																															
CD 00084	Lab Supplies FY11	249	0	126	7,500.00	8,400.00	10/01/10	09/30/11	■ Lab Supplies FY11																																															
CD 00086	Lab Supplies FY12	55	0	126	1,656.60	1,888.52	10/03/11	12/23/11	■ Lab Supplies FY12																																															
CD 00088	Vendor Visits FY08-Q1 & Q2	121	100		0.00	0.00	10/01/07A	03/31/08A																																																
CD 00089	Vendor Visits FY08-Q3 & Q4	131	100		0.00	0.00	04/01/08A	09/30/08A																																																
CD 00090	Vendor Visits FY09-Q1 & Q2	118	100		1,500.00	1,800.00	10/01/08A	03/31/09A	■ Vendor Visits FY09-Q1 & Q2																																															
CD 00091	Vendor Visits FY09-Q3 & Q4	131*	24	126	1,500.00	1,800.00	04/01/09A	09/30/09	■ Vendor Visits FY09-Q3 & Q4																																															
CD 00092	Vendor Visits FY10	249	0	126	3,000.00	3,690.00	10/01/09	09/30/10	■ Vendor Visits FY10																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S		
CD 00094	Vendor Visits FY11	249	0	126	0.00	0.00	10/01/10	09/30/11																									Vendor Visits FY11																							
CD 00096	Vendor Visits FY12	55	0	126	0.00	0.00	10/03/11	12/23/11																																					Vendor Visits FY12											
CD 00097	BNL Detector Controls Support FY09-Q1 & Q2	118	100		405.00	47,251.35	10/01/08A	03/31/09A	BNL Detector Controls Support FY09-Q1 & Q2																																															
CD 00098	BNL Detector Controls Support FY09-Q3 & Q4	131*	24	430	405.00	47,251.35	04/01/09A	09/30/09	BNL Detector Controls Support FY09-Q3 & Q4																																															
CD 00099	BNL Detector Controls Support FY10	249	0	430	882.00	107,013.06	10/01/09	09/30/10	BNL Detector Controls Support FY10																																															
1.6.02.01 Photon Beam Feedback																																																								
02 Design / Engineering																																																								
CD 00100	Design Photon Beam Feedback	40	0	150	40.00	4,853.20	12/01/09*	02/08/10	Design Photon Beam Feedback																																															
CD 00105	COMP: Design Photon Beam Feedback	0	0	195	0.00	0.00		02/08/10	COMP: Design Photon Beam Feedback																																															
CD 00120	FDR - Final Design Review Photon Beam Feedback	1	0	195	5.00	606.65	02/09/10	02/09/10	FDR - Final Design Review Photon Beam Feedback																																															
CD 00140	COMP: FDR for Photon Beam Feedback	0	0	195	0.00	0.00		02/09/10	COMP: FDR for Photon Beam Feedback																																															
CD 00220	Develop S/W Photon Beam Feedback	40	0	236	40.00	3,538.80	02/10/10	04/06/10	Develop S/W Photon Beam Feedback																																															
CD 00240	Prepare docs Photon Beam Feedback	20	0	236	5.00	442.35	04/07/10	05/04/10	Prepare docs Photon Beam Feedback																																															
03 Procurement																																																								
CD 00145	Prep Bid Pkg & App - Photon Beam Feedback	30	0	195	0.00	0.00	02/10/10	03/23/10	Prep Bid Pkg & App - Photon Beam Feedback																																															
CD 00150	AWARD: Photon Beam Feedback	1	0	195	22,102.00	24,091.18	03/24/10	03/24/10	AWARD: Photon Beam Feedback																																															
CD 00200	Vendor Fab - Photon Beam Feedback	30	0	195	22,102.00	24,091.18	03/25/10	05/05/10	Vendor Fab - Photon Beam Feedback																																															
CD 00210	RCV: All Photon Beam Feedback Parts	0	0	195	0.00	0.00		05/05/10	RCV: All Photon Beam Feedback Parts																																															
05 Fab / Assembly																																																								
CD 00260	Fab/Delvr Photon Beam Feedback	40	0	195	60.00	3,986.40	05/06/10	06/30/10	Fab/Delvr Photon Beam Feedback																																															
CD 00280	AVAIL: Photon Beam Feedback System	0	0	195	0.00	0.00		06/30/10	AVAIL: Photon Beam Feedback System																																															
1.6.02.02 Electron Beam Feedback																																																								
02 Design / Engineering																																																								
CD 00300	Design Electron Beam Feedback	40	0	150	40.00	4,853.20	12/01/09	02/08/10	Design Electron Beam Feedback																																															
CD 00305	COMP: Electron Beam Feedback	0	0	195	0.00	0.00		02/08/10	COMP: Electron Beam Feedback																																															
CD 00320	FDR - Final Design Review Electron Beam Feedback	1	0	195	5.00	606.65	02/09/10	02/09/10	FDR - Final Design Review Electron Beam Feedback																																															
CD 00340	COMP: FDR for Electron Beam Feedback	0	0	195	0.00	0.00		02/09/10	COMP: FDR for Electron Beam Feedback																																															
CD 00380	Develop S/W Electron Beam Feedback	40	0	236	20.00	1,769.40	02/10/10	04/06/10	Develop S/W Electron Beam Feedback																																															
CD 00400	Prepare Docs Electron Beam Feedback	20	0	236	10.00	884.70	04/07/10	05/04/10	Prepare Docs Electron Beam Feedback																																															
03 Procurement																																																								
CD 00345	Prep Bid Pkg & App - Electron Beam Feedback	30	0	195	0.00	0.00	02/10/10	03/23/10	Prep Bid Pkg & App - Electron Beam Feedback																																															
CD 00350	AWARD: Electron Beam Feedback	1	0	195	18,256.00	19,899.04	03/24/10	03/24/10	AWARD: Electron Beam Feedback																																															
CD 00360	Vendor Fab - Electron Beam Feedback	30	0	195	18,256.00	19,899.04	03/25/10	05/05/10	Vendor Fab - Electron Beam Feedback																																															
CD 00390	RCV: All Electron Beam Feedback Parts	0	0	195	0.00	0.00		05/05/10	RCV: All Electron Beam Feedback Parts																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
CD 00871	RELEASE: RFP - Racks & Cabling Common	0	0	134	0.00	0.00		11/20/09																																																
CD 00872	Vendor Proposal Effort - Racks & Cabling Common	20	0	134	0.00	0.00	11/23/09	01/05/10																																																
CD 00873	RCV: Vendor Proposals - Racks & Cabling Comm	0	0	134	0.00	0.00		01/05/10																																																
CD 00874	Eval & Selection Process -Racks & Cabling Common	15	0	134	0.00	0.00	01/06/10	01/26/10																																																
CD 00875	Vendor Selection - Racks & Cabling Common	0	0	134	0.00	0.00		01/26/10																																																
CD 00876	SLAC Approval Process - Racks & Cabling Common	5	0	134	0.00	0.00	01/27/10	02/02/10																																																
CD 00877	DOE Approval Process - Racks & Cabling Common	5	0	134	0.00	0.00	02/03/10	02/09/10																																																
CD 00880	RCV: All Racks & Cabling (Common) Parts	0	0	134	0.00	0.00		03/24/10																																																
CD 00883	AWARD: Racks & Cabling (Common)	1	0	134	101,145.00	110,248.05	02/10/10	02/10/10																																																
CD 00884	Vendor Fab - FEH-Hutches Racks & Cables	30	0	134	101,145.00	110,248.05	02/11/10	03/24/10																																																
CD 00885	Install FEH-Hutches Rack & Cables	20	0	134	300.00	19,932.00	03/25/10	04/21/10																																																
CD 00895	AVAIL: FEH-Hutches Racks & Cables	0	0	134	0.00	0.00		06/16/10																																																
1.6.03.01.01 XPP H3 Controls Requirements, Design																																																								
02 Design / Engineering																																																								
CD 00900	Prepare XPP Requirements	55	100		0.00	0.00	04/01/08A	07/31/08A																																																
CD 00920	Prepare XPP - Controls ICD	20	100		0.00	0.00	08/01/08A	08/28/08A																																																
CD 00940	Prepare Final Device List for XPP	20	100		0.00	0.00	08/29/08A	09/26/08A																																																
CD 00960	Preliminary Design for XPP	50	100		130.00	15,162.19	09/26/08A	01/23/09A																																																
CD 01000	PDR - XPP Controls Requirements & Design	1	100		30.00	3,500.10	02/02/09A	02/02/09A																																																
CD 01020	Post PDR Design Effort - XPP Req'mts & Design	25	100		5.00	583.35	02/03/09A	02/13/09A																																																
CD 01030	PDR - Prelim Design Review - XPP Phase 2	1	100		30.00	3,500.10	02/16/09A	02/16/09A																																																
CD 01040	Post PDR Design Effort Phase 2 - XPP Req'mts	40	30	1	40.00	4,666.80	02/27/09A	06/24/09																																																
CD 01140	Post PDR Design Effort Phase 3 - XPP	80	0	92	0.00	0.00	06/25/09	10/14/09																																																
1.6.03.01.02 XPP H3 Development Test Setup																																																								
04 Subcontract																																																								
CD 01060	Prep Bid Pkg & App - Developmnt Tst Setup	15	100		0.00	0.00	01/27/09A	02/16/09A																																																
CD 01061	RELEASE: RFP - Developmnt Tst Setup	0	100		0.00	0.00		02/16/09A																																																
CD 01062	Vendor Proposal Effort - Developmnt Tst Setup	20	100		0.00	0.00	02/17/09A	04/15/09A																																																
CD 01063	RCV: Vendor Proposals - Developmnt Tst Setup	0	100		0.00	0.00		04/15/09A																																																
CD 01064	Eval & Selection Process -Developmnt Tst Setup	15	100		0.00	0.00	04/16/09A	05/08/09A																																																
CD 01065	Vendor Selection - Developmnt Tst Setup	0	100		0.00	0.00		05/08/09A																																																
CD 01066	SLAC Approval Process - Developmnt Tst Setup	5	100		0.00	0.00	05/07/09A	05/13/09A																																																
CD 01067	DOE Approval Process - Developmnt Tst Setup	5	100		0.00	0.00	05/14/09A	05/20/09A																																																

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
CD 01068	AWARD: XPP Specific HW & SW	1	50	5	25,000.00	26,750.00	05/21/09A	06/01/09	▲ AWARD: XPP Specific HW & SW																																															
CD 01069	Vendor Fab - XPP Specific Hardware & Software	100	0	5	25,000.00	27,250.00	06/02/09	10/19/09	▶ Vendor Fab - XPP Specific Hardware & Software																																															
CD 01070	RCV: XPP Specific HW & SW	0	0	5	0.00	0.00		10/19/09	◆ RCV: XPP Specific HW & SW																																															
07 Installation																																																								
CD 01080	Fab/Delvr XPP Specific Hardware & Software	20	0	5	80.00	5,315.20	10/20/09	11/16/09	▶▶ Fab/Delvr XPP Specific Hardware & Software																																															
CD 01100	Develop Software for XPP Test Setup	40	0	5	200.00	17,694.00	11/17/09	01/27/10	▶▶▶ Develop Software for XPP Test Setup																																															
CD 01120	COMP: Software for XPP Test Setup	0	0	5	0.00	0.00		01/27/10	◆ COMP: Software for XPP Test Setup																																															
1.6.03.02.01 XPP H3 Cables & Racks																																																								
02 Design / Engineering																																																								
CD 01160	Prepare Parts List for XPP Hutch Cables & Racks	10	100		80.00	9,333.60	01/27/09A	02/09/09A	▶▶▶▶ Prepare Parts List for XPP Hutch Cables & Racks																																															
CD 01180	Design Layout for XPP Hutch Cables & Racks	10	100		100.00	11,667.00	02/10/09A	04/01/09A	▶▶▶▶ Design Layout for XPP Hutch Cables & Racks																																															
04 Subcontract																																																								
CD 01185	Prep Bid Pkg & App - XPP Hutch Cables/Rck	20	100		0.00	0.00	02/24/09A	04/15/09A	▶▶▶▶ Prep Bid Pkg & App - XPP Hutch Cables/Rck																																															
CD 01186	RELEASE: RFP - XPP Hutch Cables/Rck	0	100		0.00	0.00		04/15/09A	◆ RELEASE: RFP - XPP Hutch Cables/Rck																																															
CD 01187	Vendor Proposal Effort - XPP Hutch Cables/Rck	200	50	46	0.00	0.00	04/16/09A	06/11/09	▶▶▶▶ Vendor Proposal Effort - XPP Hutch Cables/Rck																																															
CD 01188	RCV: Vendor Proposals - XPP Hutch Cables/Rck	0	0	46	0.00	0.00		06/11/09	◆ RCV: Vendor Proposals - XPP Hutch Cables/Rck																																															
CD 01189	Eval & Selection Process -XPP Hutch Cables/Rck	15	0	46	0.00	0.00	06/12/09	07/02/09	▶▶▶ Eval & Selection Process -XPP Hutch Cables/Rck																																															
CD 01190	Vendor Selection - XPP Hutch Cables/Rck	0	0	46	0.00	0.00		07/02/09	◆ Vendor Selection - XPP Hutch Cables/Rck																																															
CD 01191	SLAC Approval Process - XPP Hutch Cables/Rck	5	0	46	0.00	0.00	07/03/09	07/09/09	▶▶▶ SLAC Approval Process - XPP Hutch Cables/Rck																																															
CD 01192	DOE Approval Process - XPP Hutch Cables/Rck	5	0	46	0.00	0.00	07/10/09	07/16/09	▶▶▶ DOE Approval Process - XPP Hutch Cables/Rck																																															
CD 01195	AWARD: XPP Hutch Cables & Racks	1	0	46	191,545.00	204,953.15	07/17/09	07/17/09	▶▶▶▶ AWARD: XPP Hutch Cables & Racks																																															
CD 01200	Vendor Fab - XPP Hutch Cables & Racks	30	0	46	191,545.00	204,953.15	07/20/09	08/28/09	▶▶▶▶ Vendor Fab - XPP Hutch Cables & Racks																																															
CD 01205	RCV: All XPP Hutch Cables/Racks Parts	0	0	46	0.00	0.00		08/28/09	◆ RCV: All XPP Hutch Cables/Racks Parts																																															
05 Fab / Assembly																																																								
CD 01220	Fab/Delvr XPP Hutch Cables & Racks	40	0	46	300.00	19,490.40	08/31/09	10/23/09	▶▶▶▶ Fab/Delvr XPP Hutch Cables & Racks																																															
06 Testing																																																								
CD 01240	Prepare Docs XPP Hutch Cables & Racks	20	0	46	80.00	5,110.40	08/31/09	09/25/09	▶▶▶▶ Prepare Docs XPP Hutch Cables & Racks																																															
CD 01260	AVAIL: XPP Hutch Cables & Racks	0	0	46	0.00	0.00		09/25/09	◆ AVAIL: XPP Hutch Cables & Racks																																															
1.6.03.02.02 XPP H3 Workstation																																																								
04 Subcontract																																																								
CD 01300	Prep Bid Pkg & App - XPP Hutch Workstation	15	100		0.00	0.00	01/27/09A	02/16/09A	▶▶▶▶ Prep Bid Pkg & App - XPP Hutch Workstation																																															
CD 01301	RELEASE: RFP - XPP Hutch Workstation	0	100		0.00	0.00		02/16/09A	◆ RELEASE: RFP - XPP Hutch Workstation																																															
CD 01302	Vendor Proposal Effort - XPP Hutch Workstation	20	100		0.00	0.00	02/17/09A	04/15/09A	▶▶▶▶ Vendor Proposal Effort - XPP Hutch Workstation																																															
CD 01303	RCV: Vendor Proposals - XPP Hutch Workstatio	0	100		0.00	0.00		04/15/09A	◆ RCV: Vendor Proposals - XPP Hutch Workstatio																																															
CD 01304	Eval & Selection Process -XPP Hutch Workstation	80	50	146	0.00	0.00	04/16/09A	06/04/09	▶▶▶▶ Eval & Selection Process -XPP Hutch Workstation																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
CD 01305	Vendor Selection - XPP Hutch Workstation	0	0	146	0.00	0.00		06/04/09																																																
CD 01306	SLAC Approval Process - XPP Hutch Workstation	5	0	146	0.00	0.00	06/05/09	06/11/09																																																
CD 01307	DOE Approval Process - XPP Hutch Workstation	5	0	146	0.00	0.00	06/12/09	06/18/09																																																
CD 01313	AWARD: XPP Hutch Workstation	1	0	146	28,328.00	30,310.96	06/19/09	06/19/09																																																
CD 01314	Vendor Fab - XPP Hutch Workstation	30	0	146	28,328.00	30,310.96	06/22/09	07/31/09																																																
CD 01315	RCV: All XPP Hutch Parts	0	0	146	0.00	0.00		07/31/09																																																
05 Fab / Assembly																																																								
CD 01320	Fab/Delvr XPP Hutch Workstation	40	0	86	80.00	5,315.20	10/26/09	01/05/10																																																
06 Testing																																																								
CD 01340	System Test XPP Hutch Workstation	20	0	86	20.00	1,769.40	01/06/10	02/02/10																																																
CD 01360	Prepare Docs XPP Hutch Workstation	20	0	86	5.00	442.35	02/03/10	03/02/10																																																
CD 01380	AVAIL: XPP Hutch Workstation Hardware	0	0	86	0.00	0.00		03/02/10																																																
CD 01400	AVAIL: XPP Hutch Workstation Software	0	0	86	0.00	0.00		03/02/10																																																
1.6.03.02.03 XPP H3 Beam Line Processor																																																								
03 Procurement																																																								
CD 01440	Prep Bid Pkg & App - XPP Hutch Beam Line	130	50	54	0.00	0.00	04/27/09A	07/06/09																																																
CD 01442	AWARD: XPP Hutch Beam Line Processor	1	0	54	18,039.00	19,301.73	07/07/09	07/07/09																																																
CD 01445	Vendor Fab - XPP Hutch Beam Line Processor	30	0	54	18,039.00	19,301.73	07/08/09	08/18/09																																																
CD 01450	RCV: All XPP Hutch Beam Line Parts	0	0	54	0.00	0.00		08/18/09																																																
05 Fab / Assembly																																																								
CD 01460	Fab/Delvr XPP Hutch Beam Line Processor	40	0	54	30.00	2,575.05	08/19/09	10/13/09																																																
06 Testing																																																								
CD 01480	System Test XPP Hutch Beam Line Processor	20	0	134	20.00	1,769.40	10/14/09	11/10/09																																																
CD 01500	Prepare Docs XPP Hutch Beam Line Processor	20	0	134	5.00	442.35	11/11/09	12/10/09																																																
CD 01520	AVAIL: XPP Hutch Beam Line Processor Hardware	0	0	134	0.00	0.00		12/10/09																																																
CD 01540	AVAIL: XPP Hutch Beam Line Processor Software	0	0	134	0.00	0.00		12/10/09																																																
1.6.03.02.04 XPP H3 Channel Access Gateway																																																								
03 Procurement																																																								
CD 01580	Prep Bid Pkg & App - XPP Hutch Channl Access	130	50	115	0.00	0.00	04/27/09A	06/05/09																																																
CD 01582	AWARD: XPP Hutch Channel Access Gateway	1	0	115	4,262.00	4,560.34	06/08/09	06/08/09																																																
CD 01585	Vendor Fab - XPP Hutch Channel Access Gateway	30	0	115	4,262.00	4,560.34	06/09/09	07/20/09																																																
CD 01590	RCV: All XPP Hutch Channel Access Parts	0	0	115	0.00	0.00		07/20/09																																																
05 Fab / Assembly																																																								
CD 01600	Fab/Delvr XPP Hutch Channel Access Gateway	40	0	54	30.00	2,654.10	10/14/09	12/10/09																																																

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J											
CD 01890	RCV: All XPP Specific DAQ Parts	0	0	16	0.00	0.00		03/15/10	◆ RCV: All XPP Specific DAQ Parts																																															
05 Fab / Assembly																																																								
CD 01920	Fab/Delvr XPP Specific Data Acquisition	40	0	16	140.00	9,301.60	03/16/10	05/10/10	▲ Fab/Delvr XPP Specific Data Acquisition																																															
06 Testing																																																								
CD 01940	System Test XPP Specific Data Acquisition	1	0	16	40.00	3,538.80	05/11/10	05/11/10	✕ System Test XPP Specific Data Acquisition																																															
CD 01960	Prepare Docs XPP Specific Data Acquisition	20	0	16	20.00	1,769.40	05/12/10	06/08/10	▲ Prepare Docs XPP Specific Data Acquisition																																															
CD 01980	AVAIL: XPP Specific Data Acquisition Hardware	0	0	16	0.00	0.00		06/08/10	◆ AVAIL: XPP Specific Data Acquisition Hardware																																															
CD 02000	AVAIL: XPP Specific Data Acquisition Software	0	0	16	0.00	0.00		06/08/10	◆ AVAIL: XPP Specific Data Acquisition Software																																															
1.6.03.03.02 XPP H3 DAQ Hutch Data Management																																																								
02 Design / Engineering																																																								
CD 02020	Design XPP Specific DAQ Hutch Data Management	80	0	72	60.00	7,062.41	06/25/09	10/14/09	▲ Design XPP Specific DAQ Hutch Data Management																																															
CD 02025	COMP: Design XPP Specific DAQ Hutch Data Mgmt	0	0	72	0.00	0.00		10/14/09	◆ COMP: Design XPP Specific DAQ Hutch Data Mgmt																																															
CD 02040	FDR - XPP Specific DAQ Hutch Data Management	1	0	72	20.00	2,426.60	10/15/09	10/15/09	✕ FDR - XPP Specific DAQ Hutch Data Management																																															
CD 02100	Develop S/W XPP Specific DAQ Hutch Data Mgmt	80	0	72	60.00	5,308.20	10/16/09	02/22/10	▲ Develop S/W XPP Specific DAQ Hutch Data Mgmt																																															
05 Fab / Assembly																																																								
CD 02120	Fab/Delvr XPP Specific DAQ Hutch Data Management	40	0	111	40.00	2,657.60	10/16/09	12/14/09	▲ Fab/Delvr XPP Specific DAQ Hutch Data Management																																															
06 Testing																																																								
CD 02140	System Test XPP Specific DAQ Hutch Data Mgmt	1	0	111	80.00	7,077.60	12/15/09	12/15/09	✕ System Test XPP Specific DAQ Hutch Data Mgmt																																															
CD 02160	Prepare Docs XPP Specific DAQ Hutch Data Mgmt	20	0	72	20.00	1,769.40	02/23/10	03/22/10	▲ Prepare Docs XPP Specific DAQ Hutch Data Mgmt																																															
CD 02180	AVAIL: XPP Speific DAQ Hutch Data Management H/W	0	0	72	0.00	0.00		03/22/10	◆ AVAIL: XPP Speific DAQ Hutch Data Management HW																																															
CD 02200	AVAIL: XPP Specific DAQ Hutch Data Management SW	0	0	72	0.00	0.00		03/22/10	◆ AVAIL: XPP Specific DAQ Hutch Data Management SW																																															
1.6.03.03.03 XPP H3 Experiment Configuration Control																																																								
02 Design / Engineering																																																								
CD 02220	Design XPP Specific Experiment Config Control	80	0	16	80.00	9,416.55	06/25/09	10/14/09	▲ Design XPP Specific Experiment Config Control																																															
CD 02225	COMP: Design XPP Specific Experim Config Control	0	0	16	0.00	0.00		10/14/09	◆ COMP: Design XPP Specific Experim Config Control																																															
CD 02230	FDR - XPP Specific Experiment Config Control	1	0	16	20.00	2,426.60	10/15/09	10/15/09	✕ FDR - XPP Specific Experiment Config Control																																															
CD 02240	Develop SW XPP Specific Experiment Config Contro	90	0	62	320.00	28,310.40	10/16/09	03/08/10	▲ Develop SW XPP Specific Experiment Config Contro																																															
04 Subcontract																																																								
CD 02231	Prep Bid Pkg & App - XPP Specific Experim Config	20	0	16	0.00	0.00	10/16/09	11/12/09	▲ Prep Bid Pkg & App - XPP Specific Experim Config																																															
CD 02232	RELEASE: RFP - XPP Specific Experim Config	0	0	16	0.00	0.00		11/12/09	◆ RELEASE: RFP - XPP Specific Experim Config																																															
CD 02233	Vendor Proposal Effort -XPP Specific Exprmt Ctrl	20	0	16	0.00	0.00	11/13/09	12/14/09	▲ Vendor Proposal Effort -XPP Specific Exprmt Ctrl																																															
CD 02234	RCV: Vendor Proposals - XPP Specific Exp. Ctrl	0	0	16	0.00	0.00		12/14/09	◆ RCV: Vendor Proposals - XPP Specific Exp. Ctrl																																															
CD 02235	Eval & Selection Process -XPP Specific Exp Ctrls	15	0	16	0.00	0.00	12/15/09	01/18/10	▲ Eval & Selection Process -XPP Specific Exp Ctrls																																															
CD 02236	Vendor Selection - XPP Specific Experim Config	0	0	16	0.00	0.00		01/18/10	◆ Vendor Selection - XPP Specific Experim Config																																															
CD 02237	SLAC Approval Process - XPP Specific Exp Ctrls	5	0	16	0.00	0.00	01/19/10	01/25/10	▲ SLAC Approval Process - XPP Specific Exp Ctrls																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
CD 02238	DOE Approval Process - XPP Specific Exp Ctrls	5	0	16	0.00	0.00	01/26/10	02/01/10													▲ DOE Approval Process - XPP Specific Exp Ctrls																																			
CD 02245	AWARD: XPP Specific Experiment Config Control	1	0	16	108,431.00	118,189.79	02/02/10	02/02/10													✘AWARD: XPP Specific Experiment Config Control																																			
CD 02250	Vendor Fab - XPP Specific Experim Config Control	30	0	16	108,431.00	118,189.79	02/03/10	03/16/10													▲ Vendor Fab - XPP Specific Experim Config Control																																			
CD 02255	RCV: All XPP Spec Experim Config Parts	0	0	16	0.00	0.00		03/16/10													◆ RCV: All XPP Spec Experim Config Parts																																			
05 Fab / Assembly																																																								
CD 02260	Fab/Delvr XPP Specific Experiment Config Control	40	0	16	60.00	5,308.20	03/17/10	05/11/10													▲ Fab/Delvr XPP Specific Experiment Config Control																																			
06 Testing																																																								
CD 02265	Prepare Docs XPP Specific Experim Config Control	20	0	16	20.00	1,769.40	05/12/10	06/08/10													▲ Prepare Docs XPP Specific Experim Config Control																																			
CD 02270	AVAIL: XPP Specific Experiment Config Control	0	0	16	0.00	0.00		06/08/10													◆ AVAIL: XPP Specific Experiment Config Control																																			
1.6.03.03.04 XPP H3 Valve Controls																																																								
02 Design / Engineering																																																								
CD 02560	Design XPP Specific Controls Valve Controls	80	0	81	10.00	1,177.07	06/25/09	10/14/09													▲ Design XPP Specific Controls Valve Controls																																			
CD 02561	COMP: XPP Specific Control Design Valve Controls	0	0	81	0.00	0.00		10/14/09													◆ COMP: XPP Specific Control Design Valve Controls																																			
CD 02562	FDR - XPP Specific Controls Valve Controls	1	0	81	10.00	1,213.30	10/15/09	10/15/09													✘FDR - XPP Specific Controls Valve Controls																																			
CD 02568	Develop SW XPP Specific Controls Valve Controls	80	0	92	10.00	884.70	10/16/09	02/22/10													▲ Develop SW XPP Specific Controls Valve Controls																																			
03 Procurement																																																								
CD 02566	Prep Bid Pkg & App - XPP Specific Valve	20	0	81	0.00	0.00	10/16/09	11/12/09													▲ Prep Bid Pkg & App - XPP Specific Valve																																			
CD 02567	AWARD: XPP Specific Controls Valve Controls	1	0	81	6,007.00	6,547.63	11/13/09	11/13/09													✘AWARD: XPP Specific Controls Valve Controls																																			
CD 02570	Vendor Fab - XPP Specific Control Valve Controls	30	0	81	6,007.00	6,547.63	11/16/09	01/12/10													▲ Vendor Fab - XPP Specific Control Valve Controls																																			
CD 02572	RCV: All XPP Specific Controls Parts	0	0	81	0.00	0.00		01/12/10													◆ RCV: All XPP Specific Controls Parts																																			
05 Fab / Assembly																																																								
CD 02574	Fab/Delvr XPP Specific Controls Valve Controls	40	0	81	16.00	1,063.04	01/13/10	03/09/10													▲ Fab/Delvr XPP Specific Controls Valve Controls																																			
06 Testing																																																								
CD 02576	Prepare Docs XPP Specific Control Valve Controls	20	0	81	0.00	0.00	03/10/10	04/06/10													▲ Prepare Docs XPP Specific Control Valve Controls																																			
CD 02578	AVAIL: XPP Specific Controls Valve Controls HW	0	0	81	0.00	0.00		04/06/10													◆ AVAIL: XPP Specific Controls Valve Controls HW																																			
CD 02580	AVAIL: XPP Specific Controls Valve Controls SW	0	0	81	0.00	0.00		04/06/10													◆ AVAIL: XPP Specific Controls Valve Controls SW																																			
1.6.03.03.05 XPP H3 Vacuum Controls																																																								
02 Design / Engineering																																																								
CD 02590	Design XPP Specific Controls Vacuum Controls	100	0	16	100.00	11,895.34	06/25/09	11/11/09													▲ Design XPP Specific Controls Vacuum Controls																																			
CD 02591	COMP: XPP Specific Controls Design Vac Controls	0	0	16	0.00	0.00		11/11/09													◆ COMP: XPP Specific Controls Design Vac Controls																																			
CD 02592	FDR - XPP Specific Controls Vacuum Controls	1	0	16	10.00	1,213.30	11/12/09	11/12/09													✘FDR - XPP Specific Controls Vacuum Controls																																			
CD 02598	Develop Software XPP Specific Vacuum Controls	80	0	72	120.00	10,616.40	11/13/09	03/22/10													▲ Develop Software XPP Specific Vacuum Controls																																			
04 Subcontract																																																								
CD 02582	Prep Bid Pkg & App - XPP Specific Vacuum Ctrls	20	0	16	0.00	0.00	11/13/09	12/14/09													▲ Prep Bid Pkg & App - XPP Specific Vacuum Ctrls																																			
CD 02583	RELEASE: RFP - XPP Specific Vacuum Ctrls	0	0	16	0.00	0.00		12/14/09													◆ RELEASE: RFP - XPP Specific Vacuum Ctrls																																			

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S		
CD 02584	Vendor Proposal Effort -XPP Specific Vacuum Ctrl	20	0	16	0.00	0.00	12/15/09	01/25/10													Vendor Proposal Effort -XPP Specific Vacuum Ctrl																																			
CD 02585	RCV: Vendor Proposals - XPP Specific Vacuum Ct	0	0	16	0.00	0.00		01/25/10													RCV: Vendor Proposals - XPP Specific Vacuum Ct																																			
CD 02586	Eval & Selection Process -XPP Specific Vacuum Ct	15	0	16	0.00	0.00	01/26/10	02/15/10													Eval & Selection Process -XPP Specific Vacuum Ct																																			
CD 02587	Vendor Selection - XPP Specific Vacuum Ctrls	0	0	16	0.00	0.00		02/15/10													Vendor Selection - XPP Specific Vacuum Ctrls																																			
CD 02588	SLAC Approval Process -XPP Specific Vacuum Ctrls	5	0	16	0.00	0.00	02/16/10	02/22/10													SLAC Approval Process -XPP Specific Vacuum Ctrls																																			
CD 02589	DOE Approval Process - XPP Specific Vacuum Ctrls	5	0	16	0.00	0.00	02/23/10	03/01/10													DOE Approval Process - XPP Specific Vacuum Ctrls																																			
CD 02597	AWARD: XPP Specific Controls Vacuum Controls	1	0	16	60,545.00	65,994.05	03/02/10	03/02/10													AWARD: XPP Specific Controls Vacuum Controls																																			
CD 02600	Vendor Fab -XPP Specific Control Vacuum Controls	30	0	16	60,545.00	65,994.05	03/03/10	04/13/10													Vendor Fab -XPP Specific Control Vacuum Controls																																			
CD 02602	RCV: All XPP Specific Controls Parts	0	0	16	0.00	0.00		04/13/10													RCV: All XPP Specific Controls Parts																																			
05 Fab / Assembly																																																								
CD 02604	Fab/Delvr XPP Specific Controls Vacuum Controls	40	0	16	40.00	2,657.60	04/14/10	06/08/10													Fab/Delvr XPP Specific Controls Vacuum Controls																																			
06 Testing																																																								
CD 02606	Prepare Docs XPP Specific Control Vac Controls	20	0	16	10.00	884.70	06/09/10	07/06/10													Prepare Docs XPP Specific Control Vac Controls																																			
CD 02608	AVAIL: XPP Specific Controls Vacuum Controls HW	0	0	16	0.00	0.00		07/06/10													AVAIL: XPP Specific Controls Vacuum Controls HW																																			
CD 02610	AVAIL: XPP Specific Controls Vacuum Controls SW	0	0	16	0.00	0.00		07/06/10													AVAIL: XPP Specific Controls Vacuum Controls SW																																			
1.6.03.03.06 XPP H3 Pop-In Profile Monitor Controls																																																								
02 Design / Engineering																																																								
CD 02920	Design XPP Speci Pop-In Profile Monitor Controls	80	0	26	30.00	3,531.21	06/25/09	10/14/09													Design XPP Speci Pop-In Profile Monitor Controls																																			
CD 02925	COMP: Design XPP Pop-In Profile Monitor Controls	0	0	26	0.00	0.00		10/14/09													COMP: Design XPP Pop-In Profile Monitor Controls																																			
CD 02940	FDR - XPP Specif Pop-In Profile Monitor Controls	1	0	26	5.00	606.65	10/15/09	10/15/09													FDR - XPP Specif Pop-In Profile Monitor Controls																																			
CD 03000	Develop SW XPP Spefic Pop-In PM Controls	40	0	5	40.00	3,538.80	01/28/10	03/24/10													Develop SW XPP Spefic Pop-In PM Controls																																			
03 Procurement																																																								
CD 02965	Prep Bid Pkg & App - XPP Specific PopIn PM	20	0	26	0.00	0.00	10/16/09	11/12/09													Prep Bid Pkg & App - XPP Specific PopIn PM																																			
CD 02967	AWARD: XPP Specific Pop-In PM Controls	1	0	26	18,419.00	20,076.71	11/13/09	11/13/09													AWARD: XPP Specific Pop-In PM Controls																																			
CD 02980	Vendor Fab - XPP Specific Pop-In PM Controls	40	0	26	18,419.00	20,076.71	11/16/09	01/26/10													Vendor Fab - XPP Specific Pop-In PM Controls																																			
CD 02990	RCV: All XPP Specific Controls Parts	0	0	26	0.00	0.00		01/26/10													RCV: All XPP Specific Controls Parts																																			
05 Fab / Assembly																																																								
CD 03020	Fab/Delvr XPP Specific Pop-In PM Controls	20	0	26	40.00	2,657.60	01/27/10	02/23/10													Fab/Delvr XPP Specific Pop-In PM Controls																																			
06 Testing																																																								
CD 03040	Prepare Docs XPP Specific Pop-In PM Controls	10	0	5	20.00	1,769.40	03/25/10	04/07/10													Prepare Docs XPP Specific Pop-In PM Controls																																			
CD 03060	AVAIL: XPP Specific Pop-In PM Controls HW	0	0	5	0.00	0.00		04/07/10													AVAIL: XPP Specific Pop-In PM Controls HW																																			
CD 03080	AVAIL: XPP Specific Control Pop-In PM Cntrls SW	0	0	5	0.00	0.00		04/07/10													AVAIL: XPP Specific Control Pop-In PM Cntrls SW																																			
1.6.03.03.07 XPP H3 Pop-In Intensity Monitor Controls																																																								
02 Design / Engineering																																																								
CD 04760	Design XPP Specific Controls Pop-In IM Controls	80	0	1	40.00	4,708.27	06/25/09	10/14/09													Design XPP Specific Controls Pop-In IM Controls																																			

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J											
CD 02791	SLAC Approval Process -XPP Specific IPM	5	0	21	0.00	0.00	11/06/09	11/12/09													▲ SLAC Approval Process -XPP Specific IPM																																			
CD 02792	DOE Approval Process - XPP Specific IPM	5	0	21	0.00	0.00	11/13/09	11/19/09													▲ DOE Approval Process - XPP Specific IPM																																			
CD 02795	AWARD: XPP Specific Controls IPM Controls	1	0	21	46,251.00	50,413.59	11/20/09	11/20/09													✘ AWARD: XPP Specific Controls IPM Controls																																			
CD 02800	Vendor Fab - XPP Specific Controls IPM Controls	30	0	21	46,251.00	50,413.59	11/23/09	01/19/10													▲ Vendor Fab - XPP Specific Controls IPM Controls																																			
CD 02805	RCV: All XPP Specific Controls IPM Parts	0	0	21	0.00	0.00		01/19/10													◆ RCV: All XPP Specific Controls IPM Parts																																			
05 Fab / Assembly																																																								
CD 02840	Fab/Delvr XPP Specific Controls IPM Controls	40	0	21	40.00	2,657.60	01/20/10	03/16/10													▲ Fab/Delvr XPP Specific Controls IPM Controls																																			
06 Testing																																																								
CD 02860	Prepare Docs XPP Specific Controls IPM Controls	20	0	21	10.00	884.70	03/17/10	04/13/10													▲ Prepare Docs XPP Specific Controls IPM Controls																																			
CD 02880	AVAIL: XPP Specific Controls IPM Controls HW	0	0	21	0.00	0.00		04/13/10													◆ AVAIL: XPP Specific Controls IPM Controls HW																																			
CD 02900	AVAIL: XPP Specific Controls IPM Controls SW	0	0	21	0.00	0.00		04/13/10													◆ AVAIL: XPP Specific Controls IPM Controls SW																																			
1.6.03.03.09 XPP H3 X-Ray Focusing Lens Controls																																																								
02 Design / Engineering																																																								
CD 03820	Design XPP Specific Controls XFL Controls	100	0	92	100.00	12,133.00	10/15/09	03/19/10													▲ Design XPP Specific Controls XFL Controls																																			
CD 03825	COMP: Design XPP Specific Controls XFL Controls	0	0	92	0.00	0.00		03/19/10													◆ COMP: Design XPP Specific Controls XFL Controls																																			
CD 03840	FDR - XPP Specific Controls XFL Controls	1	0	92	15.00	1,819.95	03/22/10	03/22/10													✘ FDR - XPP Specific Controls XFL Controls																																			
CD 03900	Develop SW XPP Specific Controls XFL Controls	90	0	237	360.00	31,849.20	03/23/10	07/26/10													▲ Develop SW XPP Specific Controls XFL Controls																																			
03 Procurement																																																								
CD 03865	Prep Bid Pkg & App - XPP Specific XFL	20	0	106	0.00	0.00	03/23/10	04/19/10													▲ Prep Bid Pkg & App - XPP Specific XFL																																			
CD 03870	AWARD: XPP Specific Controls XFL Controls	1	0	106	13,516.00	14,732.44	04/20/10	04/20/10													✘ AWARD: XPP Specific Controls XFL Controls																																			
CD 03880	Vendor Fab - XPP Specific Controls XFL Controls	100	0	106	13,516.00	14,732.44	04/21/10	09/07/10													▲ Vendor Fab - XPP Specific Controls XFL Controls																																			
CD 03885	RCV: All XPP Specific Controls XFL Parts	0	0	106	0.00	0.00		09/07/10													◆ RCV: All XPP Specific Controls XFL Parts																																			
05 Fab / Assembly																																																								
CD 03920	Fab/Delvr XPP Specific Controls XFL Controls	100	0	106	40.00	2,745.58	09/08/10	02/10/11													▲ Fab/Delvr XPP Specific Controls XFL Controls																																			
06 Testing																																																								
CD 03940	Prepare Docs XPP Specific Controls XFL Controls	20	0	106	20.00	1,840.20	02/11/11	03/10/11													▲ Prepare Docs XPP Specific Controls XFL Controls																																			
CD 03960	AVAIL: XPP Specific Controls XFL Hardware	0	0	106	0.00	0.00		03/10/11													◆ AVAIL: XPP Specific Controls XFL Hardware																																			
CD 03980	AVAIL: XPP Specific Controls XFL Software	0	0	106	0.00	0.00		03/10/11													◆ AVAIL: XPP Specific Controls XFL Software																																			
1.6.03.03.10 XPP H3 Slit Controls																																																								
02 Design / Engineering																																																								
CD 03640	Design XPP Specific Controls Slit Controls	60	0	2	60.00	7,000.20	06/25/09	09/16/09													▲ Design XPP Specific Controls Slit Controls																																			
CD 03645	COMP: Design XPP Specific Controls Slit Controls	0	0	2	0.00	0.00		09/16/09													◆ COMP: Design XPP Specific Controls Slit Controls																																			
CD 03660	FDR - XPP Specific Controls Slit Controls	1	0	2	5.00	583.35	09/17/09	09/17/09													✘ FDR - XPP Specific Controls Slit Controls																																			
CD 03720	Develop SW XPP Specific Controls Slit Controls	80	0	52	60.00	5,303.36	09/18/09	01/25/10													▲ Develop SW XPP Specific Controls Slit Controls																																			

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
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03 Procurement																																																								
CD 03685	Prep Bid Pkg & App - XPP Specific Slits	20	0	2	0.00	0.00	09/18/09	10/15/09	▲▲▲ Prep Bid Pkg & App - XPP Specific Slits																																															
CD 03687	AWARD: XPP Specific Controls Slit Controls	1	0	2	18,621.00	20,296.89	10/16/09	10/16/09	▲ AWARD: XPP Specific Controls Slit Controls																																															
CD 03700	Vendor Fab - XPP Specific Controls Slit Controls	100	0	2	18,621.00	20,296.89	10/19/09	03/23/10	▲▲▲ Vendor Fab - XPP Specific Controls Slit Controls																																															
CD 03705	RCV: All XPP Specific Slit Control Parts	0	0	2	0.00	0.00		03/23/10	◆ RCV: All XPP Specific Slit Control Parts																																															
05 Fab / Assembly																																																								
CD 03740	Fab/Delvr XPP Specific Controls Slit Controls	9	0	2	20.00	1,328.80	03/24/10	04/05/10	▲▲ Fab/Delvr XPP Specific Controls Slit Controls																																															
06 Testing																																																								
CD 03760	Prepare Docs XPP Specific Controls Slit Controls	20	0	2	10.00	884.70	04/06/10	05/03/10	▲▲▲ Prepare Docs XPP Specific Controls Slit Controls																																															
CD 03780	AVAIL: XPP Specific Controls Slit Controls HW	0	0	2	0.00	0.00		05/03/10	◆ AVAIL: XPP Specific Controls Slit Controls HW																																															
CD 03800	AVAIL: XPP Specific Controls Slit Controls SW	0	0	2	0.00	0.00		05/03/10	◆ AVAIL: XPP Specific Controls Slit Controls SW																																															
1.6.03.03.11 XPP H3 Attenuator Controls																																																								
02 Design / Engineering																																																								
CD 03460	Design XPP Specific Controls Attenuator Controls	80	0	112	60.00	7,279.80	10/15/09	02/19/10	▲▲▲ Design XPP Specific Controls Attenuator Controls																																															
CD 03465	COMP: Design XPP Specific Attenuator Controls	0	0	112	0.00	0.00		02/19/10	◆ COMP: Design XPP Specific Attenuator Controls																																															
CD 03480	FDR - XPP Specific Attenuator Controls	1	0	112	5.00	606.65	02/22/10	02/22/10	▲ FDR - XPP Specific Attenuator Controls																																															
CD 03540	Develop SW XPP Specific Attenuator Controls	80	0	282	60.00	5,308.20	02/23/10	06/14/10	▲▲▲ Develop SW XPP Specific Attenuator Controls																																															
03 Procurement																																																								
CD 03505	Prep Bid Pkg & App - XPP Specific Attenuator	30	0	261	0.00	0.00	02/23/10	04/05/10	▲▲▲ Prep Bid Pkg & App - XPP Specific Attenuator																																															
CD 03510	AWARD: XPP Specific Attenuator Controls	1	0	261	9,980.00	10,878.20	04/06/10	04/06/10	▲ AWARD: XPP Specific Attenuator Controls																																															
CD 03520	Vendor Fab - XPP Specific Attenuator Controls	30	0	261	9,980.00	10,878.20	04/07/10	05/18/10	▲▲▲ Vendor Fab - XPP Specific Attenuator Controls																																															
CD 03525	RCV: All XPP Specific Attenuator Parts	0	0	261	0.00	0.00		05/18/10	◆ RCV: All XPP Specific Attenuator Parts																																															
05 Fab / Assembly																																																								
CD 03560	Fab/Delvr XPP Specific Attenuator Controls	40	0	261	20.00	1,328.80	05/19/10	07/13/10	▲▲▲ Fab/Delvr XPP Specific Attenuator Controls																																															
06 Testing																																																								
CD 03580	Prepare Docs XPP Specific Attenuator Controls	20	0	261	10.00	884.70	07/14/10	08/10/10	▲▲▲ Prepare Docs XPP Specific Attenuator Controls																																															
CD 03600	AVAIL: XPP Specific Attenuator Controls HW	0	0	261	0.00	0.00		08/10/10	◆ AVAIL: XPP Specific Attenuator Controls HW																																															
CD 03620	AVAIL: XPP Specific Attenuator Controls SW	0	0	261	0.00	0.00		08/10/10	◆ AVAIL: XPP Specific Attenuator Controls SW																																															
1.6.03.03.12 XPP Pulse Picker																																																								
02 Design / Engineering																																																								
CD03685	Design XPP Pulse Picker Controls	80	50	122	40.00	4,666.80	01/19/09A	06/09/09	▲▲ Design XPP Pulse Picker Controls																																															
CD03690	COMP: Design XPP Pulse Picker Controls	0	0	122	0.00	0.00		06/09/09	◆ COMP: Design XPP Pulse Picker Controls																																															
CD03695	FDR - XPP Pulse Picker Controls	1	0	122	10.00	1,166.70	06/10/09	06/10/09	▲ FDR - XPP Pulse Picker Controls																																															
CD03755	Develop Software XPP Pulse Picker Controls	80	0	168	60.00	5,104.20	06/11/09	09/30/09	▲▲▲ Develop Software XPP Pulse Picker Controls																																															
04 Subcontract																																																								
CD03700	Prep Bid Pkg & App - XPP Pulse Picker Cntrl	30	0	122	0.00	0.00	06/11/09	07/22/09	▲▲▲ Prep Bid Pkg & App - XPP Pulse Picker Cntrl																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
CD03705	RELEASE: RFP - XPP Pulse Picker Cntrl	0	0	122	0.00	0.00		07/22/09													◆ RELEASE: RFP - XPP Pulse Picker Cntrl																																			
CD03710	Vendor Proposal Effort - XPP Pulse Picker Cntrl	20	0	122	0.00	0.00	07/23/09	08/19/09													▲ Vendor Proposal Effort - XPP Pulse Picker Cntrl																																			
CD03715	RCV: Vendor Proposals - XPP Pulse Picker Cntrl	0	0	122	0.00	0.00		08/19/09													◆ RCV: Vendor Proposals - XPP Pulse Picker Cntrl																																			
CD03720	Eval & Selection Process -XPP Pulse Picker Cntrl	15	0	122	0.00	0.00	08/20/09	09/09/09													▲ Eval & Selection Process -XPP Pulse Picker Cntrl																																			
CD03725	Vendor Selection - XPP Pulse Picker Cntrl	0	0	122	0.00	0.00		09/09/09													◆ Vendor Selection - XPP Pulse Picker Cntrl																																			
CD03730	SLAC Approval Process -XPP Pulse Picker Cntrl	5	0	122	0.00	0.00	09/10/09	09/16/09													▲ SLAC Approval Process -XPP Pulse Picker Cntrl																																			
CD03735	DOE Approval Process - XPP Pulse Picker Cntrl	5	0	122	0.00	0.00	09/17/09	09/23/09													▲ DOE Approval Process - XPP Pulse Picker Cntrl																																			
CD03740	AWARD: XPP Pulse Picker Controls	1	0	122	10,777.00	11,531.39	09/24/09	09/24/09													✘ AWARD: XPP Pulse Picker Controls																																			
CD03745	Vendor Fab - XPP Pulse Picker Controls	30	0	122	10,777.00	11,746.93	09/25/09	11/05/09													▲ Vendor Fab - XPP Pulse Picker Controls																																			
CD03750	RCV: All XPP Pulse Picker Controls Parts	0	0	122	0.00	0.00		11/05/09													◆ RCV: All XPP Pulse Picker Controls Parts																																			
05 Fab / Assembly																																																								
CD03760	Fab/Delvr XPP Pulse Picker Controls	40	0	122	20.00	1,328.80	11/06/09	01/18/10													▲ Fab/Delvr XPP Pulse Picker Controls																																			
06 Testing																																																								
CD03765	Prepare Docs XPP Pulse Picker Controls	20	0	168	5.00	442.35	10/01/09	10/28/09													▲ Prepare Docs XPP Pulse Picker Controls																																			
CD03770	AVAIL: XPP Pulse Picker Controls Hardware	0	0	122	0.00	0.00		01/18/10													◆ AVAIL: XPP Pulse Picker Controls Hardware																																			
CD03775	AVAIL: XPP Pulse Picker Controls Software	0	0	122	0.00	0.00		01/18/10													◆ AVAIL: XPP Pulse Picker Controls Software																																			
1.6.03.03.13 XPP H3 Harmonic Rejection Mirrors Controls																																																								
02 Design / Engineering																																																								
CD 05160	Design XPP Specific HR Mirrors Controls	80	0	112	80.00	9,706.40	10/15/09	02/19/10													▲ Design XPP Specific HR Mirrors Controls																																			
CD 05165	COMP: Design XPP Specific HR Mirrors Controls	0	0	112	0.00	0.00		02/19/10													◆ COMP: Design XPP Specific HR Mirrors Controls																																			
CD 05180	FDR - XPP Harmonic Rejection Mirrors Controls	1	0	112	20.00	2,426.60	02/22/10	02/22/10													✘ FDR - XPP Harmonic Rejection Mirrors Controls																																			
CD 05240	Develop SW XPP Specific HR Mirrors Controls	90	0	277	220.00	19,463.40	02/23/10	06/28/10													▲ Develop SW XPP Specific HR Mirrors Controls																																			
03 Procurement																																																								
CD 05205	Prep Bid Pkg & App - XPP Specific HR Mirror	30	0	266	0.00	0.00	02/23/10	04/05/10													▲ Prep Bid Pkg & App - XPP Specific HR Mirror																																			
CD 05210	AWARD: XPP Specific HR Mirrors Controls	1	0	266	19,945.00	21,740.05	04/06/10	04/06/10													✘ AWARD: XPP Specific HR Mirrors Controls																																			
CD 05220	Vendor Fab - XPP Specific HR Mirrors Controls	30	0	266	19,945.00	21,740.05	04/07/10	05/18/10													▲ Vendor Fab - XPP Specific HR Mirrors Controls																																			
CD 05225	RCV: All XPP Specific HR Mirrors Parts	0	0	266	0.00	0.00		05/18/10													◆ RCV: All XPP Specific HR Mirrors Parts																																			
05 Fab / Assembly																																																								
CD 05260	Fab/Delvr XPP Specific HR Mirrors Controls	40	0	266	40.00	2,657.60	05/19/10	07/13/10													▲ Fab/Delvr XPP Specific HR Mirrors Controls																																			
06 Testing																																																								
CD 05280	Prepare Docs XPP Specific HR Mirrors Controls	20	0	266	40.00	3,538.80	07/14/10	08/10/10													▲ Prepare Docs XPP Specific HR Mirrors Controls																																			
CD 05300	AVAIL: XPP Specific HR Mirrors Control HW	0	0	266	0.00	0.00		08/10/10													◆ AVAIL: XPP Specific HR Mirrors Control HW																																			
CD 05320	AVAIL: XPP Specific HR Mirrors Control SW	0	0	266	0.00	0.00		08/10/10													◆ AVAIL: XPP Specific HR Mirrors Control SW																																			

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12																																										
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1.6.03.03.15 XPP H3 Vision Camera Controls																																																																																							
02 Design / Engineering																																																																																							
CD 04180	Design XPP Specific 2D Camera Controls (BNL)	80	0	112	40.00	4,853.20	10/15/09	02/19/10																																																																															
CD 04185	COMP: Design XPP Specific 2D Camera Controls BNL	0	0	112	0.00	0.00		02/19/10																																																																															
CD 04200	FDR - XPP Specific 2D Camera Controls (BNL)	1	0	112	10.00	1,213.30	02/22/10	02/22/10																																																																															
CD 04260	Develop SW XPP Specific 2D Camera Controls (BNL)	80	0	302	80.00	7,077.60	02/23/10	06/14/10																																																																															
03 Procurement																																																																																							
CD 04225	Prep Bid Pkg & App - XPP Specific 2D Camera	30	0	301	0.00	0.00	02/23/10	04/05/10																																																																															
CD 04230	AWARD: XPP Specific 2D Camera Controls (BNL)	1	0	301	10,000.00	10,900.00	04/06/10	04/06/10																																																																															
CD 04240	Vendor Fab - XPP Specific 2D Camera Controls BNL	30	0	301	10,000.00	10,900.00	04/07/10	05/18/10																																																																															
CD 04245	RCV: All XPP Specific 2D Camera BNL Parts	0	0	301	0.00	0.00		05/18/10																																																																															
05 Fab / Assembly																																																																																							
CD 04280	Fab/Delvr XPP Specific 2D Camera Controls (BNL)	40	0	301	20.00	1,328.80	05/19/10	07/13/10																																																																															
06 Testing																																																																																							
CD 04300	Prepare Docs XPP Specific 2D Camera Controls BNL	20	0	302	10.00	884.70	06/15/10	07/12/10																																																																															
CD 04320	AVAIL: XPP Specific 2D Camera Controls (BNL) HW	0	0	301	0.00	0.00		07/13/10																																																																															
CD 04340	AVAIL: XPP Specific 2D Camera Controls (BNL) SW	0	0	301	0.00	0.00		07/13/10																																																																															
1.6.03.03.16 XPP H3 Diffractometer/Wide Angle Detector Contro																																																																																							
02 Design / Engineering																																																																																							
CD 04360	Design XPP Specific Diffrac/WA Detector Controls	40	0	31	80.00	9,333.60	06/25/09	08/19/09																																																																															
CD 04365	COMP: Design XPP Specif Diffrac/WA Detector Cont	0	0	31	0.00	0.00		08/19/09																																																																															
CD 04380	FDR - XPP Specific Diffrac/WA Detector Controls	1	0	31	20.00	2,333.40	08/20/09	08/20/09																																																																															
CD 04440	Develop SW XPP Specific Diffrac/WA Detector Cntr	90	0	57	300.00	26,412.93	08/21/09	01/11/10																																																																															
04 Subcontract																																																																																							
CD 04405	Prep Bid Pkg & App - XPP Speci Diffrac/WA Detect	20	0	31	0.00	0.00	08/21/09	09/17/09																																																																															
CD 04406	RELEASE: RFP - XPP Specific DWAD Ctrls	0	0	31	0.00	0.00		09/17/09																																																																															
CD 04407	Vendor Proposal Effort -XPP Specific DWAD Ctrls	20	0	31	0.00	0.00	09/18/09	10/15/09																																																																															
CD 04408	RCV: Vendor Proposals - XPP Specific DWAD Ctrl	0	0	31	0.00	0.00		10/15/09																																																																															
CD 04409	Eval & Selection Process -XPP Specific DWAD Ctrl	15	0	31	0.00	0.00	10/16/09	11/05/09																																																																															
CD 04410	Vendor Selection - XPP Specific DWAD Ctrls	0	0	31	0.00	0.00		11/05/09																																																																															
CD 04411	SLAC Approval Process -XPP Specific DWAD Ctrls	5	0	31	0.00	0.00	11/06/09	11/12/09																																																																															
CD 04412	DOE Approval Process - XPP Specific DWAD Ctrls	5	0	31	0.00	0.00	11/13/09	11/19/09																																																																															
CD 04415	AWARD: XPP Specific Diffrac/WA Detector Controls	1	0	31	40,940.00	44,624.60	11/20/09	11/20/09																																																																															
CD 04420	Vendor Fab - XPP Specific Diffrac/WA Detector Co	30	0	31	40,940.00	44,624.60	11/23/09	01/19/10																																																																															
CD 04425	RCV: All XPP Specif Diffrac/WA Detect Parts	0	0	31	0.00	0.00		01/19/10																																																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
05 Fab / Assembly																																																								
CD 04460	Fab/Delvr XPP Specific Diffrac/WA Detector Contr	40	0	31	30.00	1,993.20	01/20/10	03/16/10													▲▼ Fab/Delvr XPP Specific Diffrac/WA Detector Contr																																			
06 Testing																																																								
CD 04480	Prep Docs XPP Specific Diffrac/WA Detector Cntrl	20	0	57	20.00	1,769.40	01/12/10	02/08/10													▲▼ Prep Docs XPP Specific Diffrac/WA Detector Cntrl																																			
CD 04500	AVAIL: XPP Specific Diffrac/WA Detector Cntrl HW	0	0	31	0.00	0.00		03/16/10													◆ AVAIL: XPP Specific Diffrac/WA Detector Cntrl HW																																			
CD 04520	AVAIL: XPP Specific Diffrac/WA Detector Cntrl SW	0	0	31	0.00	0.00		03/16/10													◆ AVAIL: XPP Specific Diffrac/WA Detector Cntrl SW																																			
1.6.03.03.18 XPP H3 Laser System Controls																																																								
02 Design / Engineering																																																								
CD 04960	Design XPP Laser System Controls	80	0	192	90.00	10,593.62	06/25/09	10/14/09	▲▼ Design XPP Laser System Controls																																															
CD 04965	COMP: Design XPP Laser System Controls	0	0	192	0.00	0.00		10/14/09													◆ COMP: Design XPP Laser System Controls																																			
CD 04980	FDR - XPP Laser System Controls	1	0	192	20.00	2,426.60	10/15/09	10/15/09	▲ FDR - XPP Laser System Controls																																															
CD 05040	Develop Software XPP Laser System Controls	80	0	436	220.00	19,463.40	10/16/09	02/22/10	▲▼ Develop Software XPP Laser System Controls																																															
03 Procurement																																																								
CD 05005	Prep Bid Pkg & App - XPP Laser System Cntrl	30	0	415	0.00	0.00	10/16/09	11/30/09	▲▼ Prep Bid Pkg & App - XPP Laser System Cntrl																																															
CD 05010	AWARD: XPP Laser System Controls	1	0	415	0.00	0.00	12/01/09	12/01/09	▲ AWARD: XPP Laser System Controls																																															
CD 05020	Vendor Fab - XPP Laser System Controls	30	0	415	0.00	0.00	12/02/09	01/26/10	▲▼ Vendor Fab - XPP Laser System Controls																																															
CD 05025	RCV: All XPP Laser System Controls Parts	0	0	415	0.00	0.00		01/26/10													◆ RCV: All XPP Laser System Controls Parts																																			
05 Fab / Assembly																																																								
CD 05060	Fab/Delvr XPP Laser System Controls	40	0	415	60.00	3,986.40	01/27/10	03/23/10	▲▼ Fab/Delvr XPP Laser System Controls																																															
06 Testing																																																								
CD 05080	Prepare Docs XPP Laser System Controls	20	0	415	40.00	3,538.80	03/24/10	04/20/10	▲▼ Prepare Docs XPP Laser System Controls																																															
CD 05100	AVAIL: XPP Laser System Controls Hardware	0	0	415	0.00	0.00		04/20/10													◆ AVAIL: XPP Laser System Controls Hardware																																			
CD 05120	AVAIL: XPP Laser System Controls Software	0	0	415	0.00	0.00		04/20/10													◆ AVAIL: XPP Laser System Controls Software																																			
1.6.03.03.20 XPP H3 Laser Optics Controls																																																								
02 Design / Engineering																																																								
CD 05347	Design XPP Laser Optics Controls	80	0	31	40.00	4,708.27	06/25/09	10/14/09	▲▼ Design XPP Laser Optics Controls																																															
CD 05348	COMP: Design XPP Laser Optics Controls	0	0	31	0.00	0.00		10/14/09													◆ COMP: Design XPP Laser Optics Controls																																			
CD 05349	FDR - XPP Laser Optics Controls	1	0	31	10.00	1,213.30	10/15/09	10/15/09	▲ FDR - XPP Laser Optics Controls																																															
CD 05357	Develop Software XPP Laser Optics Controls	80	0	87	110.00	9,731.70	10/16/09	02/22/10	▲▼ Develop Software XPP Laser Optics Controls																																															
04 Subcontract																																																								
CD 05335	Prep Bid Pkg & App - XPP Laser Optics	20	0	31	0.00	0.00	10/16/09	11/12/09	▲▼ Prep Bid Pkg & App - XPP Laser Optics																																															
CD 05336	RELEASE: RFP - XPP Laser Optics	0	0	31	0.00	0.00		11/12/09													◆ RELEASE: RFP - XPP Laser Optics																																			
CD 05337	Vendor Proposal Effort -XPP Laser Optics	20	0	31	0.00	0.00	11/13/09	12/14/09	▲▼ Vendor Proposal Effort -XPP Laser Optics																																															
CD 05338	RCV: Vendor Proposals - XPP Laser Optics	0	0	31	0.00	0.00		12/14/09													◆ RCV: Vendor Proposals - XPP Laser Optics																																			
CD 05339	Eval & Selection Process -XPP Laser Optics	15	0	31	0.00	0.00	12/15/09	01/18/10	▲▼ Eval & Selection Process -XPP Laser Optics																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09					FY10					FY11					FY12																											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
CD 05340	Vendor Selection - XPP Laser Optics	0	0	31	0.00	0.00		01/18/10																																											
CD 05341	SLAC Approval Process -XPP Laser Optics	5	0	31	0.00	0.00	01/19/10	01/25/10																																											
CD 05342	DOE Approval Process - XPP Laser Optics	5	0	31	0.00	0.00	01/26/10	02/01/10																																											
CD 05352	AWARD: XPP Laser Optics Controls	1	0	31	78,455.00	85,515.95	02/02/10	02/02/10																																											
CD 05353	Vendor Fab - XPP Laser Optics Controls	30	0	31	78,455.00	85,515.95	02/03/10	03/16/10																																											
CD 05355	RCV: All XPP Laser Optics Parts	0	0	31	0.00	0.00		03/16/10																																											
05 Fab / Assembly																																																			
CD 05359	Fab/Delvr XPP Laser Optics Controls	40	0	31	80.00	5,315.20	03/17/10	05/11/10																																											
06 Testing																																																			
CD 05361	Prepare Docs XPP Laser Optics Controls	20	0	31	10.00	884.70	05/12/10	06/08/10																																											
CD 05363	AVAIL: XPP Laser Optics Controls Hardware	0	0	31	0.00	0.00		06/08/10																																											
CD 05365	AVAIL: XPP Laser Optics Controls Software	0	0	31	0.00	0.00		06/08/10																																											
1.6.03.03.21 XPP H3 Laser Diagnostics																																																			
02 Design / Engineering																																																			
CD 05370	Design XPP Laser Diagnostics	80	0	77	120.00	14,124.82	06/25/09	10/14/09																																											
CD 05375	COMP: Design Laser Diagnostics	0	0	77	0.00	0.00		10/14/09																																											
CD 05380	FDR - XPP Laser Diagnostics Controls	1	0	77	20.00	2,426.60	10/15/09	10/15/09																																											
CD 05440	Develop Software XPP Laser Diagnostics	80	0	77	40.00	3,538.80	10/16/09	02/22/10																																											
03 Procurement																																																			
CD 05405	Prep Bid Pkg & App - XPP Laser Diagnostics	20	0	86	0.00	0.00	10/16/09	11/12/09																																											
CD 05410	AWARD: XPP Laser Diagnostics Controls	1	0	86	0.00	0.00	11/13/09	11/13/09																																											
CD 05420	Vendor Fab - XPP Laser Diagnostics	30	0	86	0.00	0.00	11/16/09	01/12/10																																											
CD 05425	RCV: All XPP Laser Diagnostics Parts	0	0	86	0.00	0.00		01/12/10																																											
05 Fab / Assembly																																																			
CD 05460	Fab/Delvr XPP Laser Diagnostics	40	0	86	10.00	664.40	01/13/10	03/09/10																																											
06 Testing																																																			
CD 05480	Prepare Docs XPP Laser Diagnostics	20	0	77	10.00	884.70	02/23/10	03/22/10																																											
CD 05500	AVAIL: XPP Laser Diagnostics Hardware	0	0	77	0.00	0.00		03/22/10																																											
CD 05520	AVAIL: XPP Laser Diagnostics Software	0	0	77	0.00	0.00		03/22/10																																											
1.6.03.03.34 XPP H3 Controls System Integration Test																																																			
02 Design / Engineering																																																			
CD 07560	Design XPP Controls System Integration Test	80	0	8	80.00	9,706.40	12/18/09*	04/22/10																																											
CD 07561	COMP:Design XPP Controls System Integration Test	0	0	8	0.00	0.00		04/22/10																																											
CD 07562	FDR - XPP Controls System Integration Test	1	0	8	20.00	2,426.60	04/23/10	04/23/10																																											

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S		
06 Testing																																																								
CD 07566	Perform XPP Controls System Integration Test	20	0	8	360.00	31,849.20	04/26/10	05/21/10													▲ Perform XPP Controls System Integration Test																																			
CD 07568	Prepare Docs XPP Controls Syst Integration Test	20	0	8	20.00	1,769.40	05/24/10	06/18/10													▲ Prepare Docs XPP Controls Syst Integration Test																																			
CD 07570	AVAIL: XPP Controls System Integration Test Comp	0	0	8	0.00	0.00		06/18/10																									◆ AVAIL: XPP Controls System Integration Test Comp																							
1.6.04.01.01 CXI H5 Controls Requirements and Design																																																								
02 Design / Engineering																																																								
CD 07600	Prepare Requirements - CXI	25	100		20.00	2,333.40	10/02/08A	12/03/08A	▲ Prepare Requirements - CXI																																															
CD 07620	Prepare Controls ICD - CXI	25	100		20.00	2,333.40	12/04/08A	02/18/09A	▲ Prepare Controls ICD - CXI																																															
CD 07640	Prepare Final Device List for CXI	10	100		20.00	2,333.40	02/19/09A	05/05/09A	▲ Prepare Final Device List for CXI																																															
CD 07660	Preliminary Design for CXI	25	100		130.00	15,167.10	05/20/09A	05/22/09A	▲ Preliminary Design for CXI																																															
CD 07700	PDR - CXI Controls Requirements & Design	1	100		30.00	3,500.10	05/25/09A	05/25/09A	▲ PDR - CXI Controls Requirements & Design																																															
CD 07740	Post PDR Design Effort for CXI Requirments	10	20	26	5.00	583.35	05/25/09A	06/10/09	▲ Post PDR Design Effort for CXI Requirments																																															
CD 07750	PDR - Prelim Design Review - CXI Phase 2	1	0	26	30.00	3,500.10	06/11/09	06/11/09	▲ PDR - Prelim Design Review - CXI Phase 2																																															
CD 07760	Post Design Effort Phase 2 - CXI Req'mts	120	0	26	40.00	4,768.23	06/12/09	11/30/09	▲ Post Design Effort Phase 2 - CXI Req'mts																																															
CD 07780	Post Design Effort Phase 3 - CXI Req'mts	50	0	26	0.00	0.00	12/01/09	02/22/10	▲ Post Design Effort Phase 3 - CXI Req'mts																																															
1.6.04.01.02 CXI H5 Development Test Setup																																																								
03 Procurement																																																								
CD 07770	Prep Bid Pkg & App - CXI Develop Test Setup	80	0	185	0.00	0.00	06/01/09	09/18/09	▲ Prep Bid Pkg & App - CXI Develop Test Setup																																															
CD 07772	AWARD: CXI Specific Hardware & Software	1	0	155	25,000.00	27,250.00	11/02/09	11/02/09	▲ AWARD: CXI Specific Hardware & Software																																															
CD 07782	Vendor Fab - CXI Specific Hardware & Software	100	0	155	25,000.00	27,250.00	11/03/09	04/07/10	▲ Vendor Fab - CXI Specific Hardware & Software																																															
CD 07785	RCV: All CXI Development Test Setup Parts	0	0	155	0.00	0.00		04/07/10	◆ RCV: All CXI Development Test Setup Parts																																															
05 Fab / Assembly																																																								
CD 07800	Fab/Delvr CXI Specific Hardware & Software	40	0	155	80.00	5,315.20	04/08/10	06/02/10	▲ Fab/Delvr CXI Specific Hardware & Software																																															
CD 07820	Develop Software for CXI Test Setup	80	0	155	200.00	17,694.00	06/03/10	09/22/10	▲ Develop Software for CXI Test Setup																																															
CD 07840	COMP: CXI Test Setup	0	0	155	0.00	0.00		09/22/10	◆ COMP: CXI Test Setup																																															
1.6.04.02.01 CXI H5 Cables & Racks																																																								
02 Design / Engineering																																																								
CD 07860	Prepare Parts List for CXI Hutch Cables & Racks	100	0	19	80.00	9,413.38	06/01/09	10/16/09	▲ Prepare Parts List for CXI Hutch Cables & Racks																																															
CD 07880	Prepare Layout for CXI Hutch Cables & Racks	25	0	19	100.00	12,133.00	10/19/09	11/20/09	▲ Prepare Layout for CXI Hutch Cables & Racks																																															
04 Subcontract																																																								
CD 07885	Prep Bid Pkg & App - CXI Hutch Cables & Racks	20	0	19	0.00	0.00	11/23/09	01/05/10	▲ Prep Bid Pkg & App - CXI Hutch Cables & Racks																																															
CD 07886	RELEASE: RFP - CXI Hutch Cables & Racks	0	0	19	0.00	0.00		01/05/10	◆ RELEASE: RFP - CXI Hutch Cables & Racks																																															
CD 07887	Vendor Proposal Effort -CXI Hutch Cables & Racks	20	0	19	0.00	0.00	01/06/10	02/02/10	▲ Vendor Proposal Effort -CXI Hutch Cables & Racks																																															
CD 07888	RCV: Vendor Proposals - CXI Hutch Cables & Rac	0	0	19	0.00	0.00		02/02/10	◆ RCV: Vendor Proposals - CXI Hutch Cables & Rac																																															
CD 07889	Eval & Selection Process -CXI Hutch Cables & Rac	5	0	19	0.00	0.00	02/03/10	02/09/10	▲ Eval & Selection Process -CXI Hutch Cables & Rac																																															

















Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
CD 07890	Vendor Selection - CXI Hutch Cables & Racks	0	0	19	0.00	0.00		02/09/10													◆ Vendor Selection - CXI Hutch Cables & Racks																																			
CD 07891	SLAC Approval Process -CXI Hutch Cables & Racks	5	0	19	0.00	0.00	02/10/10	02/16/10													▲ SLAC Approval Process -CXI Hutch Cables & Racks																																			
CD 07892	DOE Approval Process - CXI Hutch Cables & Racks	5	0	19	0.00	0.00	02/17/10	02/23/10													▲ DOE Approval Process - CXI Hutch Cables & Racks																																			
CD 07895	AWARD: CXI Hutch Cables & Racks	1	0	19	263,842.00	287,587.78	02/24/10	02/24/10													■ AWARD: CXI Hutch Cables & Racks																																			
CD 07900	Vendor Fab - CXI Hutch Cables & Racks	20	0	19	263,842.00	287,587.78	02/25/10	03/24/10													▲ Vendor Fab - CXI Hutch Cables & Racks																																			
CD 07905	RCV: All CXI Hutch Cables & Racks Parts	0	0	19	0.00	0.00		03/24/10													◆ RCV: All CXI Hutch Cables & Racks Parts																																			
05 Fab / Assembly																																																								
CD 07920	Fab/Delvr CXI Hutch Cables & Racks	5	0	19	300.00	19,932.00	03/25/10	03/31/10													▲ Fab/Delvr CXI Hutch Cables & Racks																																			
CD 07940	Prepare Docs CXI Hutch Cables & Racks	20	0	19	80.00	5,315.20	04/22/10	05/19/10													▲ Prepare Docs CXI Hutch Cables & Racks																																			
CD 07960	AVAIL: CXI Hutch Cables & Racks	0	0	19	0.00	0.00		05/19/10													◆ AVAIL: CXI Hutch Cables & Racks																																			
1.6.04.02.02 CXI H5 Workstation																																																								
03 Procurement																																																								
CD 08000	Prep Bid Pkg & App - CXI Hutch Workstation	40	0	26	0.00	0.00	02/23/10	04/19/10													▲ Prep Bid Pkg & App - CXI Hutch Workstation																																			
CD 08005	AWARD: CXI Hutch Workstation	1	0	26	8,200.00	8,938.00	04/20/10	04/20/10													■ AWARD: CXI Hutch Workstation																																			
CD 08010	Vendor Fab - CXI Hutch Workstation	100	0	26	8,200.00	8,938.00	04/21/10	09/07/10													▲ Vendor Fab - CXI Hutch Workstation																																			
CD 08015	RCV: All CXI Hutch Workstation Parts	0	0	26	0.00	0.00		09/07/10													◆ RCV: All CXI Hutch Workstation Parts																																			
05 Fab / Assembly																																																								
CD 08020	Fab/Delvr CXI Hutch Workstation	40	0	26	80.00	7,240.44	09/08/10	11/02/10													▲ Fab/Delvr CXI Hutch Workstation																																			
06 Testing																																																								
CD 08040	System Test CXI Hutch Workstation	20	0	66	20.00	1,840.20	11/03/10	12/02/10													▲ System Test CXI Hutch Workstation																																			
CD 08060	Prepare Docs CXI Hutch Workstation	20	0	66	5.00	460.05	12/03/10	01/13/11													▲ Prepare Docs CXI Hutch Workstation																																			
CD 08080	AVAIL: CXI Hutch Workstation Hardware	0	0	66	0.00	0.00		01/13/11													◆ AVAIL: CXI Hutch Workstation Hardware																																			
CD 08100	AVAIL: CXI Hutch Workstation Software	0	0	66	0.00	0.00		01/13/11													◆ AVAIL: CXI Hutch Workstation Software																																			
1.6.04.02.03 CXI H5 Beam Line Processor																																																								
03 Procurement																																																								
CD 08140	Prep Bid Pkg & App - CXI Hutch Beam Line	40	0	66	0.00	0.00	02/23/10	04/19/10													▲ Prep Bid Pkg & App - CXI Hutch Beam Line																																			
CD 08141	AWARD: CXI Hutch Beam Line Processor	1	0	66	18,039.00	19,662.51	04/20/10	04/20/10													■ AWARD: CXI Hutch Beam Line Processor																																			
CD 08142	Vendor Fab - CXI Hutch Beam Line Processor	100	0	66	18,039.00	19,662.51	04/21/10	09/07/10													▲ Vendor Fab - CXI Hutch Beam Line Processor																																			
CD 08145	RCV: All CXI Hutch Beam Line Parts	0	0	66	0.00	0.00		09/07/10													◆ RCV: All CXI Hutch Beam Line Parts																																			
05 Fab / Assembly																																																								
CD 08160	Fab/Delvr CXI Hutch Beam Line Processor	40	0	26	20.00	1,840.20	11/03/10	01/13/11													▲ Fab/Delvr CXI Hutch Beam Line Processor																																			
06 Testing																																																								
CD 08180	System Test CXI Hutch Beam Line Processor	20	0	26	20.00	1,840.20	01/14/11	02/10/11													▲ System Test CXI Hutch Beam Line Processor																																			
CD 08200	Prepare Docs CXI Hutch Beam Line Processor	20	0	26	5.00	460.05	02/11/11	03/10/11													▲ Prepare Docs CXI Hutch Beam Line Processor																																			
CD 08220	AVAIL: CXI Hutch Beam Line Processor Hardware	0	0	26	0.00	0.00		03/10/11													◆ AVAIL: CXI Hutch Beam Line Processor Hardware																																			

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
									◆ AVAIL: CXI Hutch Beam Line Processor Software																																															
CD 08240	AVAIL: CXI Hutch Beam Line Processor Software	0	0	26	0.00	0.00		03/10/11																																																
1.6.04.02.04 CXI H5 Channel Access Gateway																																																								
03 Procurement																																																								
CD 08280	Prep Bid Pkg & App - CXI Hutch Channel Access	40	0	66	0.00	0.00	02/23/10	04/19/10	▲ Prep Bid Pkg & App - CXI Hutch Channel Access																																															
CD 08281	AWARD: CXI Hutch Channel Access Gateway	1	0	66	8,469.00	9,231.21	04/20/10	04/20/10	▲ AWARD: CXI Hutch Channel Access Gateway																																															
CD 08282	Vendor Fab - CXI Hutch Channel Access Gateway	100	0	66	8,469.00	9,231.21	04/21/10	09/07/10	▲ Vendor Fab - CXI Hutch Channel Access Gateway																																															
CD 08285	RCV: All CXI Hutch Channel Access Parts	0	0	66	0.00	0.00		09/07/10	◆ RCV: All CXI Hutch Channel Access Parts																																															
05 Fab / Assembly																																																								
CD 08290	Fab/Delvr CXI Hutch Channel Access Gateway	40	0	66	30.00	2,715.17	09/08/10	11/02/10	▲ Fab/Delvr CXI Hutch Channel Access Gateway																																															
06 Testing																																																								
CD 08300	System Test CXI Hutch Channel Access Gateway	20	0	66	20.00	1,840.20	11/03/10	12/02/10	▲ System Test CXI Hutch Channel Access Gateway																																															
CD 08320	Prepare Docs CXI Hutch Channel Access Gateway	20	0	66	5.00	460.05	12/03/10	01/13/11	▲ Prepare Docs CXI Hutch Channel Access Gateway																																															
CD 08340	AVAIL: CXI Hutch Channel Access Gateway Hardware	0	0	66	0.00	0.00		01/13/11	◆ AVAIL: CXI Hutch Channel Access Gateway Hardware																																															
CD 08360	AVAIL: CXI Hutch Channel Access Gateway Software	0	0	66	0.00	0.00		01/13/11	◆ AVAIL: CXI Hutch Channel Access Gateway Software																																															
1.6.04.02.05 CXI H5 MPS																																																								
03 Procurement																																																								
CD 08400	Prep Bid Pkg & App - CXI Hutch MPS	40	0	71	0.00	0.00	02/23/10	04/19/10	▲ Prep Bid Pkg & App - CXI Hutch MPS																																															
CD 08401	AWARD: CXI Hutch MPS	1	0	71	17,203.00	18,751.27	04/20/10	04/20/10	▲ AWARD: CXI Hutch MPS																																															
CD 08402	Vendor Fab - CXI Hutch MPS	160	0	71	17,203.00	19,267.36	04/21/10	12/02/10	▲ Vendor Fab - CXI Hutch MPS																																															
CD 08405	RCV: All CXI Hutch MPS Parts	0	0	71	0.00	0.00		12/02/10	◆ RCV: All CXI Hutch MPS Parts																																															
05 Fab / Assembly																																																								
CD 08420	Fab/Delvr CXI Hutch MPS	5	0	71	20.00	1,381.80	12/03/10	12/09/10	▲ Fab/Delvr CXI Hutch MPS																																															
06 Testing																																																								
CD 08440	System Test CXI Hutch MPS	5	0	71	20.00	1,840.20	12/10/10	12/16/10	▲ System Test CXI Hutch MPS																																															
CD 08460	Prepare Docs CXI Hutch MPS	5	0	71	5.00	460.05	12/17/10	01/06/11	▲ Prepare Docs CXI Hutch MPS																																															
CD 08480	AVAIL: CXI Hutch MPS Hardware	0	0	71	0.00	0.00		01/06/11	◆ AVAIL: CXI Hutch MPS Hardware																																															
CD 08500	AVAIL: CXI Hutch MPS Firmware	0	0	71	0.00	0.00		01/06/11	◆ AVAIL: CXI Hutch MPS Firmware																																															
1.6.04.03.01 CXI H5 Data Acquisition (DAQ)																																																								
02 Design / Engineering																																																								
CD 08540	Design CXI Specific Data Acquisition	120	0	35	190.00	23,052.70	02/23/10	08/09/10	▲ Design CXI Specific Data Acquisition																																															
CD 08545	COMP: Design CXI Specific Data Acquisition	0	0	35	0.00	0.00		08/09/10	◆ COMP: Design CXI Specific Data Acquisition																																															
CD 08560	FDR - CXI Specific Data Acquisition	1	0	35	40.00	4,853.20	08/10/10	08/10/10	▲ FDR - CXI Specific Data Acquisition																																															
CD 08620	Develop Software CXI Specific Data Acquisition	90	0	71	340.00	42,590.64	08/11/10	12/16/10	▲ Develop Software CXI Specific Data Acquisition																																															
04 Subcontract																																																								
CD 08580	Prep Bid Pkg & App - CXI Specific Data Acq	30	0	35	0.00	0.00	08/11/10	09/21/10	▲ Prep Bid Pkg & App - CXI Specific Data Acq																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09					FY10					FY11					FY12																											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
CD 08581	RELEASE: RFP - CXI Specific Data Acq	0	0	35	0.00	0.00		09/21/10																																											
CD 08582	Vendor Proposal Effort -CXI Specific Data Acq	20	0	35	0.00	0.00	09/22/10	10/19/10																																											
CD 08583	RCV: Vendor Proposals - CXI Specific Data Acq	0	0	35	0.00	0.00		10/19/10																																											
CD 08584	Eval & Selection Process -CXI Specific Data Acq	15	0	35	0.00	0.00	10/20/10	11/09/10																																											
CD 08585	Vendor Selection - CXI Specific Data Acq	0	0	35	0.00	0.00		11/09/10																																											
CD 08586	SLAC Approval Process -CXI Specific Data Acq	5	0	35	0.00	0.00	11/10/10	11/16/10																																											
CD 08587	DOE Approval Process - CXI Specific Data Acq	5	0	35	0.00	0.00	11/17/10	11/23/10																																											
CD 08590	AWARD: CXI Specific Data Acquisition (DAQ)	1	0	35	20,516.00	22,977.92	11/24/10	11/24/10																																											
CD 08600	Vendor Fab - CXI Specific Data Acquisition	20	0	35	20,516.00	22,977.92	11/29/10	01/07/11																																											
CD 08605	RCV: All CXI Specific Data Acq Parts	0	0	35	0.00	0.00		01/07/11																																											
05 Fab / Assembly																																																			
CD 08640	Fab/Delvr CXI Specific Data Acquisition	20	0	35	120.00	8,290.80	01/10/11	02/04/11																																											
06 Testing																																																			
CD 08660	System Test CXI Specific Data Acquisition	10	0	35	100.00	9,201.00	02/07/11	02/18/11																																											
CD 08680	Prepare Docs CXI Specific Data Acquisition	5	0	35	40.00	3,680.40	02/21/11	02/25/11																																											
CD 08700	AVAIL: CXI Specific Data Acquisition Hardware	0	0	35	0.00	0.00		02/25/11																																											
CD 08720	AVAIL: CXI Specific Data Acquisition Software	0	0	35	0.00	0.00		02/25/11																																											
1.6.04.03.02 CXI H5 DAQ Hutch Data Management																																																			
02 Design / Engineering																																																			
CD 08760	Design CXI Specific DAQ Hutch Data Management	80	0	56	40.00	4,853.20	02/23/10	06/14/10																																											
CD 08765	COMP: Design CXI Specific Hutch Data Management	0	0	56	0.00	0.00		06/14/10																																											
CD 08780	FDR - CXI Specific DAQ Hutch Data Management	1	0	56	20.00	2,426.60	06/15/10	06/15/10																																											
CD 08840	Develop SW CXI Specific DAQ Hutch Data Mgmt	80	0	56	60.00	5,322.54	06/16/10	10/05/10																																											
05 Fab / Assembly																																																			
CD 08860	Fab/Delvr CXI Specific DAQ Hutch Data Management	40	0	56	40.00	2,763.60	10/06/10	12/02/10																																											
06 Testing																																																			
CD 08880	System Test CXI Specific DAQ Hutch Data Mgmt	10	0	56	80.00	7,360.80	12/03/10	12/16/10																																											
CD 08900	Prepare Docs CXI Specific DAQ Hutch Data Mgmt	20	0	56	20.00	1,840.20	12/17/10	01/27/11																																											
CD 08920	AVAIL: CXI Specific DAQ Hutch Data Management HW	0	0	56	0.00	0.00		01/27/11																																											
CD 08940	AVAIL: CXI Specific DAQ Hutch Data Management SW	0	0	56	0.00	0.00		01/27/11																																											
1.6.04.03.03 CXI H5 Experiment Configuration Control																																																			
02 Design / Engineering																																																			
CD 08960	Design CXI Specific Experiment Config Control	80	0	60	40.00	4,853.20	02/23/10	06/14/10																																											
CD 08965	COMP: Design CXI Specific Experiment Config Cntr	0	0	60	0.00	0.00		06/14/10																																											
CD 08980	FDR - CXI Specific Experiment Config Control	1	0	60	10.00	1,213.30	06/15/10	06/15/10																																											

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S		
CD 09040	Develop SW CXI Specific Experiment Config Cntrl	90	0	96	270.00	24,131.16	06/16/10	10/19/10																																																
04 Subcontract																																																								
CD 09000	Prep Bid Pkg & App - CXI Specific Experiment	30	0	60	0.00	0.00	06/16/10	07/27/10																																																
CD 09001	RELEASE: RFP - CXI Specific Exper Config Ctrl	0	0	60	0.00	0.00		07/27/10																																																
CD 09002	Vendor Proposal Effort -CXI Specific Exper Confi	20	0	60	0.00	0.00	07/28/10	08/24/10																																																
CD 09003	RCV: Vendor Proposals - CXI Specific Exper Con	0	0	60	0.00	0.00		08/24/10																																																
CD 09004	Eval & Selection Process -CXI Specific Exper Con	15	0	60	0.00	0.00	08/25/10	09/14/10																																																
CD 09005	Vendor Selection - CXI Specific Exper Config Ctr	0	0	60	0.00	0.00		09/14/10																																																
CD 09006	SLAC Approval Process -CXI Specific Exper Config	5	0	60	0.00	0.00	09/15/10	09/21/10																																																
CD 09007	DOE Approval Process - CXI Specific Exper Config	5	0	60	0.00	0.00	09/22/10	09/28/10																																																
CD 09010	AWARD: CXI Specific Experiment Config Control	1	0	60	108,131.00	117,862.79	09/29/10	09/29/10																																																
CD 09020	Vendor Fab -CXI Specific Experiment Config Cntrl	30	0	60	108,131.00	121,106.72	09/30/10	11/10/10																																																
CD 09025	RCV: All CXI Specific Experiment Parts	0	0	60	0.00	0.00		11/10/10																																																
05 Fab / Assembly																																																								
CD 09060	Fab/Delvr CXI Specific Experiment Config Control	40	0	60	60.00	5,520.60	11/11/10	01/21/11																																																
06 Testing																																																								
CD 09080	Prepare Docs CXI Specific Experiment Config Cont	20	0	96	20.00	1,840.20	10/20/10	11/16/10																																																
CD 09100	AVAIL: CXI Specific Experiment Config Control	0	0	60	0.00	0.00		01/21/11																																																
1.6.04.03.04 CXI H5 Valve Controls																																																								
02 Design / Engineering																																																								
CD 09320	Design CXI Specific Valve Controls	80	0	72	5.00	606.65	02/23/10	06/14/10																																																
CD 09321	COMP: Design CXI Specific Valve Controls	0	0	72	0.00	0.00		06/14/10																																																
CD 09322	FDR - CXI Specific Valve Controls	1	0	72	0.00	0.00	06/15/10	06/15/10																																																
CD 09332	Develop SW CXI Specific Valve Controls	80	0	73	10.00	887.09	06/16/10	10/05/10																																																
03 Procurement																																																								
CD 09326	Prep Bid Pkg & App -CXI Specific Valve Cntrl	30	0	72	0.00	0.00	06/16/10	07/27/10																																																
CD 09327	AWARD: CXI Specific Valve Controls	1	0	72	6,007.00	6,547.63	07/28/10	07/28/10																																																
CD 09328	Vendor Fab - CXI Specific Valve Controls	30	0	72	6,007.00	6,547.63	07/29/10	09/08/10																																																
CD 09330	RCV: All CXI Specific Valve Cntrl Parts	0	0	72	0.00	0.00		09/08/10																																																
05 Fab / Assembly																																																								
CD 09334	Fab/Delvr CXI Specific Valve Controls	40	0	72	40.00	2,721.20	09/09/10	11/03/10																																																
06 Testing																																																								
CD 09336	Prepare Docs CXI Specific Valve Controls	20	0	73	10.00	920.10	10/06/10	11/02/10																																																
CD 09338	AVAIL: CXI Specific Valve Controls Hardware	0	0	72	0.00	0.00		11/03/10																																																
CD 09340	AVAIL: CXI Specific Valve Controls Software	0	0	72	0.00	0.00		11/03/10																																																

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09				FY10				FY11				FY12																		
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
1.6.04.03.05 CXI H5 Vacuum Controls																																							
02 Design / Engineering																																							
CD 09350	Design CXI Specific Vacuum Controls	80	0	27	10.00	1,213.30	02/23/10	06/14/10																															
CD 09351	COMP: Design CXI Specific Vacuum Controls	0	0	27	0.00	0.00		06/14/10																															
CD 09352	FDR - CXI Specific Vacuum Controls	1	0	27	0.00	0.00	06/15/10	06/15/10																															
CD 09362	Develop Software CXI Specific Vacuum Controls	80	0	73	50.00	4,435.45	06/16/10	10/05/10																															
04 Subcontract																																							
CD 09341	Prep Bid Pkg & App - CXI Specific Vacuum Cntrl	30	0	27	0.00	0.00	06/16/10	07/27/10																															
CD 09342	RELEASE: RFP - CXI Specific Vacuum Cntrl	0	0	27	0.00	0.00		07/27/10																															
CD 09343	Vendor Proposal Effort -CXI Specific Vacuum Cntr	20	0	27	0.00	0.00	07/28/10	08/24/10																															
CD 09344	RCV: Vendor Proposals - CXI Specific Vacuum Cn	0	0	27	0.00	0.00		08/24/10																															
CD 09345	Eval & Selection Process -CXI Specific Vacuum Cn	15	0	27	0.00	0.00	08/25/10	09/14/10																															
CD 09346	Vendor Selection - CXI Specific Vacuum Cntrl	0	0	27	0.00	0.00		09/14/10																															
CD 09347	SLAC Approval Process -CXI Specific Vacuum Cntrl	5	0	27	0.00	0.00	09/15/10	09/21/10																															
CD 09348	DOE Approval Process - CXI Specific Vacuum Cntrl	5	0	27	0.00	0.00	09/22/10	09/28/10																															
CD 09357	AWARD: CXI Specific Vacuum Controls	1	0	27	80,645.00	87,903.05	09/29/10	09/29/10																															
CD 09358	Vendor Fab - CXI Specific Vacuum Controls	30	0	27	80,645.00	90,322.40	09/30/10	11/10/10																															
CD 09360	RCV: All CXI Specific Vacuum Cntrl Parts	0	0	27	0.00	0.00		11/10/10																															
05 Fab / Assembly																																							
CD 09364	Fab/Delvr CXI Specific Vacuum Controls	40	0	27	40.00	2,763.60	11/11/10	01/21/11																															
06 Testing																																							
CD 09366	Prepare Docs CXI Specific Vacuum Controls	20	0	73	10.00	920.10	10/06/10	11/02/10																															
CD 09368	AVAIL: CXI Specific Vacuum Controls Hardware	0	0	27	0.00	0.00		01/21/11																															
CD 09370	AVAIL: CXI Specific Vacuum Controls Software	0	0	27	0.00	0.00		01/21/11																															
1.6.04.03.06 CXI H5 Pop-In Profile Monitor Controls																																							
02 Design / Engineering																																							
CD 09920	Design CXI Pop-In Profile Monitor Controls	150	0	77	5.00	599.68	06/12/09	01/25/10																															
CD 09925	COMP: Design CXI Pop-In Profile Monitor Controls	0	0	77	0.00	0.00		01/25/10																															
CD 09930	FDR - CXI Pop-In Profile Monitor Controls	1	0	77	0.00	0.00	01/26/10	01/26/10																															
CD 09940	Develop Software CXI Pop-In PM Controls	80	0	78	20.00	1,769.40	01/27/10	05/18/10																															
03 Procurement																																							
CD 09935	Prep Bid Pkg & App - CXI Pop-In PM	30	0	77	0.00	0.00	01/27/10	03/09/10																															
CD 09950	AWARD: CXI Pop-In Profile Monitor Controls	1	0	77	25,815.00	28,138.35	03/10/10	03/10/10																															
CD 09955	Vendor Fab - CXI Pop-In Profile Monitor Controls	30	0	77	25,815.00	28,138.35	03/11/10	04/21/10																															
CD 09960	RCV: All CXI Pop-In Profile Monitor Parts	0	0	77	0.00	0.00		04/21/10																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S		
05 Fab / Assembly																																																								
CD 09965	Fab/Delvr CXI Pop-In Profile Monitor Controls	40	0	77	80.00	5,315.20	04/22/10	06/16/10	 Fab/Delvr CXI Pop-In Profile Monitor Controls																																															
06 Testing																																																								
CD 09945	Prepare Docs CXI Pop-In Profile Monitor Controls	20	0	78	10.00	884.70	05/19/10	06/15/10	 Prepare Docs CXI Pop-In Profile Monitor Controls																																															
CD 09970	AVAIL: CXI Pop-In Profile Monitor Controls HW	0	0	77	0.00	0.00		06/16/10	◆ AVAIL: CXI Pop-In Profile Monitor Controls HW																																															
CD 09975	AVAIL: CXI Pop-In Profile Monitor Controls SW	0	0	77	0.00	0.00		06/16/10	◆ AVAIL: CXI Pop-In Profile Monitor Controls SW																																															
1.6.04.03.07 CXI H5 Pop-In Intensity Monitor Controls																																																								
02 Design / Engineering																																																								
CD 10090	Design CXI Pop-In Intensity Monitor Controls	130	0	129	5.00	597.56	06/12/09	12/14/09	 Design CXI Pop-In Intensity Monitor Controls																																															
CD 10092	COMP: CXI Design Pop-In Intensity Monitor Cntrl	0	0	129	0.00	0.00		12/14/09	◆ COMP: CXI Design Pop-In Intensity Monitor Cntrl																																															
CD 10095	FDR - CXI Pop-In Intensity Monitor Controls	1	0	129	0.00	0.00	12/15/09	12/15/09	 FDR - CXI Pop-In Intensity Monitor Controls																																															
CD 10125	Develop SW CXI Pop-In Intensity Monitor Control	80	0	150	20.00	1,769.40	12/16/09	04/20/10	 Develop SW CXI Pop-In Intensity Monitor Control																																															
03 Procurement																																																								
CD 10105	Prep Bid Pkg & App -CXI Pop-In Intensity Mon	30	0	129	0.00	0.00	12/16/09	02/09/10	 Prep Bid Pkg & App -CXI Pop-In Intensity Mon																																															
CD 10110	AWARD: CXI Pop-In Intensity Monitor Controls	1	0	129	29,665.00	32,334.85	02/10/10	02/10/10	 AWARD: CXI Pop-In Intensity Monitor Controls																																															
CD 10115	Vendor Fab - CXI Pop-In Intensity Monitor Cntrl	30	0	129	29,665.00	32,334.85	02/11/10	03/24/10	 Vendor Fab - CXI Pop-In Intensity Monitor Cntrl																																															
CD 10120	RCV: All CXI Pop-In Intensity Monitor Parts	0	0	129	0.00	0.00		03/24/10	◆ RCV: All CXI Pop-In Intensity Monitor Parts																																															
05 Fab / Assembly																																																								
CD 10130	Fab/Delvr CXI Pop-In Intensity Monitor Controls	40	0	129	20.00	1,328.80	03/25/10	05/19/10	 Fab/Delvr CXI Pop-In Intensity Monitor Controls																																															
06 Testing																																																								
CD 10135	Prepare Docs CXI Pop-In Intensity Monitor Cntrl	20	0	129	10.00	884.70	05/20/10	06/16/10	 Prepare Docs CXI Pop-In Intensity Monitor Cntrl																																															
CD 10140	AVAIL: CXI Pop-In Intensity Monitor Controls HW	0	0	129	0.00	0.00		06/16/10	◆ AVAIL: CXI Pop-In Intensity Monitor Controls HW																																															
CD 10145	AVAIL: CXI Pop-In Intensity Monitor Controls SW	0	0	129	0.00	0.00		06/16/10	◆ AVAIL: CXI Pop-In Intensity Monitor Controls SW																																															
1.6.04.03.08 CXI H5 Intensity-Position Monitor Controls																																																								
02 Design / Engineering																																																								
CD 09520	Design CXI Intensity-Position Monitor Controls	130	0	52	5.00	597.56	06/12/09	12/14/09	 Design CXI Intensity-Position Monitor Controls																																															
CD 09525	COMP: CXI Design Intensity Position Monitor Cntrl	0	0	52	0.00	0.00		12/14/09	◆ COMP: CXI Design Intensity Position Monitor Cntrl																																															
CD 09540	FDR - CXI Intensity-Position Monitor Controls	1	0	52	0.00	0.00	12/15/09	12/15/09	 FDR - CXI Intensity-Position Monitor Controls																																															
CD 09600	Develop SW CXI Intensity-Position Monitor Cont	80	0	98	60.00	5,308.20	12/16/09	04/20/10	 Develop SW CXI Intensity-Position Monitor Cont																																															
04 Subcontract																																																								
CD 09560	Prep Bid Pkg & App - CXI Intensity-Position	30	0	52	0.00	0.00	12/16/09	02/09/10	 Prep Bid Pkg & App - CXI Intensity-Position																																															
CD 09561	RELEASE: RFP - CXI IPM Controls	0	0	52	0.00	0.00		02/09/10	◆ RELEASE: RFP - CXI IPM Controls																																															
CD 09562	Vendor Proposal Effort - CXI IPM Controls	20	0	52	0.00	0.00	02/10/10	03/09/10	 Vendor Proposal Effort - CXI IPM Controls																																															
CD 09563	RCV: Vendor Proposals - CXI IPM Controls	0	0	52	0.00	0.00		03/09/10	◆ RCV: Vendor Proposals - CXI IPM Controls																																															
CD 09564	Eval & Selection Process -CXI IPM Controls	15	0	52	0.00	0.00	03/10/10	03/30/10	 Eval & Selection Process -CXI IPM Controls																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J											
CD 09565	Vendor Selection - CXI IPM Controls	0	0	52	0.00	0.00		03/30/10													◆ Vendor Selection - CXI IPM Controls																																			
CD 09566	SLAC Approval Process -CXI IPM Controls	5	0	52	0.00	0.00	03/31/10	04/06/10													▲ SLAC Approval Process -CXI IPM Controls																																			
CD 09567	DOE Approval Process - CXI IPM Controls	5	0	52	0.00	0.00	04/07/10	04/13/10													▲ DOE Approval Process - CXI IPM Controls																																			
CD 09570	AWARD: CXI Intensity-Position Monitor Controls	1	0	52	71,081.00	77,478.29	04/14/10	04/14/10													▲ AWARD: CXI Intensity-Position Monitor Controls																																			
CD 09580	Vendor Fab -CXI Intensity-Position Monitor Cntrl	30	0	52	71,081.00	77,478.29	04/15/10	05/26/10													▲ Vendor Fab -CXI Intensity-Position Monitor Cntrl																																			
CD 09585	RCV: All CXI Intensity-Position Monit Parts	0	0	52	0.00	0.00		05/26/10													◆ RCV: All CXI Intensity-Position Monit Parts																																			
05 Fab / Assembly																																																								
CD 09620	Fab/Delvr CXI Intensity-Position Monitor Cntrl	40	0	52	40.00	2,657.60	05/27/10	07/21/10													▲ Fab/Delvr CXI Intensity-Position Monitor Cntrl																																			
06 Testing																																																								
CD 09640	Prepare Docs CXI Intensity-Position Monitr Cntrl	20	0	98	15.00	1,327.05	04/21/10	05/18/10													▲ Prepare Docs CXI Intensity-Position Monitr Cntrl																																			
CD 09660	AVAIL: CXI Intensity-Position Monitor Cntrl HW	0	0	52	0.00	0.00		07/21/10													◆ AVAIL: CXI Intensity-Position Monitor Cntrl HW																																			
CD 09680	AVAIL: CXI Intensity-Position Monitor Cntrl SW	0	0	52	0.00	0.00		07/21/10													◆ AVAIL: CXI Intensity-Position Monitor Cntrl SW																																			
1.6.04.03.10 CXI H5 Slit Controls																																																								
02 Design / Engineering																																																								
CD 09720	Design CXI Slit Controls	130	0	53	5.00	597.33	06/11/09	12/11/09	▲ Design CXI Slit Controls																																															
CD 09725	COMP: Design CXI Slit Controls	0	0	53	0.00	0.00		12/11/09													◆ COMP: Design CXI Slit Controls																																			
CD 09740	FDR - CXI Slit Controls	1	0	53	0.00	0.00	12/14/09	12/14/09													▲ FDR - CXI Slit Controls																																			
CD 09800	Develop Software CXI Slit Controls	80	0	99	20.00	1,769.40	12/15/09	04/19/10	▲ Develop Software CXI Slit Controls																																															
04 Subcontract																																																								
CD 09760	Prep Bid Pkg & App - CXI Slit Controls	30	0	53	0.00	0.00	12/15/09	02/08/10	▲ Prep Bid Pkg & App - CXI Slit Controls																																															
CD 09761	RELEASE: RFP - CXI Slit Controls	0	0	53	0.00	0.00		02/08/10													◆ RELEASE: RFP - CXI Slit Controls																																			
CD 09762	Vendor Proposal Effort - CXI Slit Controls	20	0	53	0.00	0.00	02/09/10	03/08/10	▲ Vendor Proposal Effort - CXI Slit Controls																																															
CD 09763	RCV: Vendor Proposals - CXI Slit Controls	0	0	53	0.00	0.00		03/08/10													◆ RCV: Vendor Proposals - CXI Slit Controls																																			
CD 09764	Eval & Selection Process -CXI Slit Controls	15	0	53	0.00	0.00	03/09/10	03/29/10	▲ Eval & Selection Process -CXI Slit Controls																																															
CD 09765	Vendor Selection - CXI Slit Controls	0	0	53	0.00	0.00		03/29/10													◆ Vendor Selection - CXI Slit Controls																																			
CD 09766	SLAC Approval Process -CXI Slit Controls	5	0	53	0.00	0.00	03/30/10	04/05/10	▲ SLAC Approval Process -CXI Slit Controls																																															
CD 09767	DOE Approval Process - CXI Slit Controls	5	0	53	0.00	0.00	04/06/10	04/12/10	▲ DOE Approval Process - CXI Slit Controls																																															
CD 09770	AWARD: CXI Slit Controls	1	0	53	22,603.00	24,637.27	04/13/10	04/13/10	▲ AWARD: CXI Slit Controls																																															
CD 09780	Vendor Fab - CXI Slit Controls	30	0	53	22,603.00	24,637.27	04/14/10	05/25/10	▲ Vendor Fab - CXI Slit Controls																																															
CD 09785	RCV: All CXI Slit Controls Parts	0	0	53	0.00	0.00		05/25/10													◆ RCV: All CXI Slit Controls Parts																																			
05 Fab / Assembly																																																								
CD 09820	Fab/Delvr CXI Slit Controls	40	0	53	60.00	3,986.40	05/26/10	07/20/10	▲ Fab/Delvr CXI Slit Controls																																															
06 Testing																																																								
CD 09840	Prepare Docs CXI Slit Controls	20	0	99	10.00	884.70	04/20/10	05/17/10	▲ Prepare Docs CXI Slit Controls																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J											
CD 09860	AVAIL: CXI Slit Controls Hardware	0	0	53	0.00	0.00		07/20/10	◆ AVAIL: CXI Slit Controls Hardware																																															
CD 09880	AVAIL: CXI Slit Controls Software	0	0	53	0.00	0.00		07/20/10	◆ AVAIL: CXI Slit Controls Software																																															
1.6.04.03.11 CXI H5 Attenuator Controls																																																								
02 Design / Engineering																																																								
CD 10320	Design CXI Attenuator Controls	140	0	82	5.00	598.71	06/12/09	01/11/10	▲ Design CXI Attenuator Controls																																															
CD 10325	COMP: Design CXI Attenuator Controls	0	0	82	0.00	0.00		01/11/10	◆ COMP: Design CXI Attenuator Controls																																															
CD 10340	FDR - CXI Attenuator Controls	1	0	82	0.00	0.00	01/12/10	01/12/10	▲ FDR - CXI Attenuator Controls																																															
CD 10400	Develop Software CXI Attenuator Controls	40	0	123	15.00	1,327.05	01/13/10	03/09/10	▲ Develop Software CXI Attenuator Controls																																															
03 Procurement																																																								
CD 10365	Prep Bid Pkg & App - CXI Attenuator Control	30	0	82	0.00	0.00	01/13/10	02/23/10	▲ Prep Bid Pkg & App - CXI Attenuator Control																																															
CD 10370	AWARD: CXI Attenuator Controls	1	0	82	9,980.00	10,878.20	02/24/10	02/24/10	▲ AWARD: CXI Attenuator Controls																																															
CD 10380	Vendor Fab - CXI Attenuator Controls	30	0	82	9,980.00	10,878.20	02/25/10	04/07/10	▲ Vendor Fab - CXI Attenuator Controls																																															
CD 10385	RCV: All CXI Attenuator Controls Parts	0	0	82	0.00	0.00		04/07/10	◆ RCV: All CXI Attenuator Controls Parts																																															
05 Fab / Assembly																																																								
CD 10420	Fab/Delvr CXI Attenuator Controls	40	0	82	20.00	1,328.80	04/08/10	06/02/10	▲ Fab/Delvr CXI Attenuator Controls																																															
06 Testing																																																								
CD 10440	Prepare Docs CXI Attenuator Controls	20	0	123	5.00	442.35	03/10/10	04/06/10	▲ Prepare Docs CXI Attenuator Controls																																															
CD 10460	AVAIL: CXI Attenuator Controls Hardware	0	0	82	0.00	0.00		06/02/10	◆ AVAIL: CXI Attenuator Controls Hardware																																															
CD 10480	AVAIL: CXI Attenuator Controls Software	0	0	82	0.00	0.00		06/02/10	◆ AVAIL: CXI Attenuator Controls Software																																															
1.6.04.03.12 CXI H5 Pulse Picker Controls																																																								
02 Design / Engineering																																																								
CD 10920	Design CXI Pulse Picker Controls	80	0	67	10.00	1,167.75	06/12/09	10/01/09	▲ Design CXI Pulse Picker Controls																																															
CD 10925	COMP: Design CXI Pulse Picker Controls	0	0	67	0.00	0.00		10/01/09	◆ COMP: Design CXI Pulse Picker Controls																																															
CD 10940	FDR - CXI Pulse Picker Controls	1	0	67	0.00	0.00	10/02/09	10/02/09	▲ FDR - CXI Pulse Picker Controls																																															
CD 11000	Develop Software CXI Pulse Picker Controls	80	0	143	0.00	0.00	10/05/09	02/09/10	▲ Develop Software CXI Pulse Picker Controls																																															
04 Subcontract																																																								
CD 10960	Prep Bid Pkg & App - CXI Pulse Picker Cntrl	60	0	67	0.00	0.00	10/05/09	01/12/10	▲ Prep Bid Pkg & App - CXI Pulse Picker Cntrl																																															
CD 10961	RELEASE: RFP - CXI Pulse Picker Cntrl	0	0	67	0.00	0.00		01/12/10	◆ RELEASE: RFP - CXI Pulse Picker Cntrl																																															
CD 10962	Vendor Proposal Effort - CXI Pulse Picker Cntrl	20	0	67	0.00	0.00	01/13/10	02/09/10	▲ Vendor Proposal Effort - CXI Pulse Picker Cntrl																																															
CD 10963	RCV: Vendor Proposals - CXI Pulse Picker Cntrl	0	0	67	0.00	0.00		02/09/10	◆ RCV: Vendor Proposals - CXI Pulse Picker Cntrl																																															
CD 10964	Eval & Selection Process -CXI Pulse Picker Cntrl	15	0	67	0.00	0.00	02/10/10	03/02/10	▲ Eval & Selection Process -CXI Pulse Picker Cntrl																																															
CD 10965	Vendor Selection - CXI Pulse Picker Cntrl	0	0	67	0.00	0.00		03/02/10	◆ Vendor Selection - CXI Pulse Picker Cntrl																																															
CD 10966	SLAC Approval Process -CXI Pulse Picker Cntrl	5	0	67	0.00	0.00	03/03/10	03/09/10	▲ SLAC Approval Process -CXI Pulse Picker Cntrl																																															
CD 10967	DOE Approval Process - CXI Pulse Picker Cntrl	5	0	67	0.00	0.00	03/10/10	03/16/10	▲ DOE Approval Process - CXI Pulse Picker Cntrl																																															
CD 10970	AWARD: CXI Pulse Picker Controls	1	0	67	9,731.00	10,606.79	03/17/10	03/17/10	▲ AWARD: CXI Pulse Picker Controls																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
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CD 11325	COMP: Design CXI Sample Environment Controls	0	0	193	0.00	0.00		10/01/09													COMP: Design CXI Sample Environment Controls																																			
CD 11340	FDR - CXI Sample Environment Controls	1	0	193	10.00	1,213.30	10/02/09	10/02/09													FDR - CXI Sample Environment Controls																																			
CD 11400	Develop Software CXI Sample Environment Controls	80	0	239	100.00	8,847.00	10/05/09	02/09/10													Develop Software CXI Sample Environment Controls																																			
04 Subcontract																																																								
CD 11360	Prep Bid Pkg & App - CXI Sample Environment	30	0	193	0.00	0.00	10/05/09	11/13/09													Prep Bid Pkg & App - CXI Sample Environment																																			
CD 11361	RELEASE: RFP - CXI Sample Environment	0	0	193	0.00	0.00		11/13/09													RELEASE: RFP - CXI Sample Environment																																			
CD 11362	Vendor Proposal Effort - CXI Sample Environment	20	0	193	0.00	0.00	11/16/09	12/15/09													Vendor Proposal Effort - CXI Sample Environment																																			
CD 11363	RCV: Vendor Proposals - CXI Sample Environment	0	0	193	0.00	0.00		12/15/09													RCV: Vendor Proposals - CXI Sample Environment																																			
CD 11364	Eval & Selection Process -CXI Sample Environment	15	0	193	0.00	0.00	12/16/09	01/19/10													Eval & Selection Process -CXI Sample Environment																																			
CD 11365	Vendor Selection - CXI Sample Environment	0	0	193	0.00	0.00		01/19/10													Vendor Selection - CXI Sample Environment																																			
CD 11366	SLAC Approval Process -CXI Sample Environment	5	0	193	0.00	0.00	01/20/10	01/26/10													SLAC Approval Process -CXI Sample Environment																																			
CD 11367	DOE Approval Process - CXI Sample Environment	5	0	193	0.00	0.00	01/27/10	02/02/10													DOE Approval Process - CXI Sample Environment																																			
CD 11370	AWARD: CXI Sample Environment Controls	1	0	193	63,768.00	69,507.12	02/03/10	02/03/10													AWARD: CXI Sample Environment Controls																																			
CD 11380	Vendor Fab - CXI Sample Environment Controls	30	0	193	63,768.00	69,507.12	02/04/10	03/17/10													Vendor Fab - CXI Sample Environment Controls																																			
CD 11385	RCV: All CXI Sample Environment Cntrl Parts	0	0	193	0.00	0.00		03/17/10													RCV: All CXI Sample Environment Cntrl Parts																																			
05 Fab / Assembly																																																								
CD 11420	Fab/Delvr CXI Sample Environment Controls	40	0	193	30.00	1,993.20	03/18/10	05/12/10													Fab/Delvr CXI Sample Environment Controls																																			
06 Testing																																																								
CD 11440	Prepare Docs CXI Sample Environment Controls	20	0	239	10.00	884.70	02/10/10	03/09/10													Prepare Docs CXI Sample Environment Controls																																			
CD 11460	AVAIL: CXI Sample Environment Controls Hardware	0	0	193	0.00	0.00		05/12/10													AVAIL: CXI Sample Environment Controls Hardware																																			
CD 11480	AVAIL: CXI Sample Environment Controls Software	0	0	193	0.00	0.00		05/12/10													AVAIL: CXI Sample Environment Controls Software																																			
1.6.04.03.15 CXI H5 Particle Injector Controls																																																								
02 Design / Engineering																																																								
CD 11520	Design CXI Particle Injector Controls	80	0	116	100.00	12,133.00	02/23/10	06/14/10													Design CXI Particle Injector Controls																																			
CD 11525	COMP: Design CXI Particle Injector Controls	0	0	116	0.00	0.00		06/14/10													COMP: Design CXI Particle Injector Controls																																			
CD 11540	FDR - CXI Particle Injector Controls	1	0	116	20.00	2,426.60	06/15/10	06/15/10													FDR - CXI Particle Injector Controls																																			
CD 11600	Develop Software CXI Particle Injector Controls	90	0	152	460.00	41,112.35	06/16/10	10/19/10													Develop Software CXI Particle Injector Controls																																			
04 Subcontract																																																								
CD 11560	Prep Bid Pkg & App - CXI Particle Injector	30	0	116	0.00	0.00	06/16/10	07/27/10													Prep Bid Pkg & App - CXI Particle Injector																																			
CD 11561	RELEASE: RFP - CXI Particle Injector	0	0	116	0.00	0.00		07/27/10													RELEASE: RFP - CXI Particle Injector																																			
CD 11562	Vendor Proposal Effort - CXI Particle Injector	20	0	116	0.00	0.00	07/28/10	08/24/10													Vendor Proposal Effort - CXI Particle Injector																																			
CD 11563	RCV: Vendor Proposals - CXI Particle Injector	0	0	116	0.00	0.00		08/24/10													RCV: Vendor Proposals - CXI Particle Injector																																			
CD 11564	Eval & Selection Process -CXI Particle Injector	15	0	116	0.00	0.00	08/25/10	09/14/10													Eval & Selection Process -CXI Particle Injector																																			
CD 11565	Vendor Selection - CXI Particle Injector	0	0	116	0.00	0.00		09/14/10													Vendor Selection - CXI Particle Injector																																			

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J											
CD 11566	SLAC Approval Process -CXI Particle Injector	5	0	116	0.00	0.00	09/15/10	09/21/10																									▲ SLAC Approval Process -CXI Particle Injector																							
CD 11567	DOE Approval Process - CXI Particle Injector	5	0	116	0.00	0.00	09/22/10	09/28/10																									▲ DOE Approval Process - CXI Particle Injector																							
CD 11570	AWARD: CXI Particle Injector Controls	1	0	116	99,754.00	108,731.86	09/29/10	09/29/10																									▲ AWARD: CXI Particle Injector Controls																							
CD 11580	Vendor Fab - CXI Particle Injector Controls	30	0	116	99,754.00	111,724.48	09/30/10	11/10/10																									▲ Vendor Fab - CXI Particle Injector Controls																							
CD 11585	RCV: All CXI Particle Injector Cntrl Parts	0	0	116	0.00	0.00		11/10/10																									◆ RCV: All CXI Particle Injector Cntrl Parts																							
05 Fab / Assembly																																																								
CD 11620	Fab/Delvr CXI Particle Injector Controls	40	0	116	80.00	5,527.20	11/11/10	01/21/11																									▲ Fab/Delvr CXI Particle Injector Controls																							
06 Testing																																																								
CD 11640	Prepare Docs CXI Particle Injector Controls	20	0	152	20.00	1,840.20	10/20/10	11/16/10																									▲ Prepare Docs CXI Particle Injector Controls																							
CD 11660	AVAIL: CXI Particle Injector Controls Hardware	0	0	116	0.00	0.00		01/21/11																									◆ AVAIL: CXI Particle Injector Controls Hardware																							
CD 11680	AVAIL: CXI Particle Injector Controls Software	0	0	116	0.00	0.00		01/21/11																									◆ AVAIL: CXI Particle Injector Controls Software																							
1.6.04.03.16 CXI H5 Ion TOF Controls																																																								
02 Design / Engineering																																																								
CD 11920	Design CXI Ion TOF Controls	120	0	270	40.00	4,768.23	06/12/09	11/30/09	▲ Design CXI Ion TOF Controls																																															
CD 11925	COMP: Design CXI Ion TOF Controls	0	0	270	0.00	0.00		11/30/09																									◆ COMP: Design CXI Ion TOF Controls																							
CD 11940	FDR - CXI Ion TOF Controls	1	0	270	10.00	1,213.30	12/01/09	12/01/09																									▲ FDR - CXI Ion TOF Controls																							
CD 12000	Develop Software CXI Ion TOF Controls	80	0	316	140.00	12,385.80	12/02/09	04/06/10	▲ Develop Software CXI Ion TOF Controls																																															
04 Subcontract																																																								
CD 11960	Prep Bid Pkg & App - CXI Ion TOF Controls	30	0	270	0.00	0.00	12/02/09	01/26/10	▲ Prep Bid Pkg & App - CXI Ion TOF Controls																																															
CD 11961	RELEASE: RFP - CXI Ion TOF Controls	0	0	270	0.00	0.00		01/26/10																									◆ RELEASE: RFP - CXI Ion TOF Controls																							
CD 11962	Vendor Proposal Effort - CXI Ion TOF Controls	20	0	270	0.00	0.00	01/27/10	02/23/10	▲ Vendor Proposal Effort - CXI Ion TOF Controls																																															
CD 11963	RCV: Vendor Proposals - CXI Ion TOF Controls	0	0	270	0.00	0.00		02/23/10																									◆ RCV: Vendor Proposals - CXI Ion TOF Controls																							
CD 11964	Eval & Selection Process -CXI Ion TOF Controls	15	0	270	0.00	0.00	02/24/10	03/16/10	▲ Eval & Selection Process -CXI Ion TOF Controls																																															
CD 11965	Vendor Selection - CXI Ion TOF Controls	0	0	270	0.00	0.00		03/16/10																									◆ Vendor Selection - CXI Ion TOF Controls																							
CD 11966	SLAC Approval Process -CXI Ion TOF Controls	5	0	270	0.00	0.00	03/17/10	03/23/10	▲ SLAC Approval Process -CXI Ion TOF Controls																																															
CD 11967	DOE Approval Process - CXI Ion TOF Controls	5	0	270	0.00	0.00	03/24/10	03/30/10	▲ DOE Approval Process - CXI Ion TOF Controls																																															
CD 11970	AWARD: CXI Ion TOF Controls	1	0	270	60,925.00	66,408.25	03/31/10	03/31/10	▲ AWARD: CXI Ion TOF Controls																																															
CD 11980	Vendor Fab - CXI Ion TOF Controls	30	0	270	60,925.00	66,408.25	04/01/10	05/12/10	▲ Vendor Fab - CXI Ion TOF Controls																																															
CD 11985	RCV: All CXI Ion TOF Controls Parts	0	0	270	0.00	0.00		05/12/10																									◆ RCV: All CXI Ion TOF Controls Parts																							
05 Fab / Assembly																																																								
CD 12020	Fab/Delvr CXI Ion TOF Controls	40	0	270	50.00	3,322.00	05/13/10	07/07/10	▲ Fab/Delvr CXI Ion TOF Controls																																															
06 Testing																																																								
CD 12040	Prepare Docs CXI Ion TOF Controls	20	0	316	15.00	1,327.05	04/07/10	05/04/10	▲ Prepare Docs CXI Ion TOF Controls																																															
CD 12060	AVAIL: CXI Ion TOF Controls Hardware	0	0	270	0.00	0.00		07/07/10																									◆ AVAIL: CXI Ion TOF Controls Hardware																							

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
CD 12080	AVAIL: CXI Ion TOF Controls Software	0	0	270	0.00	0.00		07/07/10	◆ AVAIL: CXI Ion TOF Controls Software																																															
1.6.04.03.18 CXI H5 Vision Camera Controls																																																								
02 Design / Engineering																																																								
CD 12320	Design CXI Vision Camera Controls	140	0	216	10.00	1,197.06	06/11/09	01/08/10	▲ Design CXI Vision Camera Controls																																															
CD 12325	COMP: Design CXI Vision Camera Controls	0	0	216	0.00	0.00		01/08/10	◆ COMP: Design CXI Vision Camera Controls																																															
CD 12340	FDR - CXI Vision Camera Controls	1	0	216	5.00	606.65	01/11/10	01/11/10	☒ FDR - CXI Vision Camera Controls																																															
CD 12400	Develop Software CXI Vision Camera Controls	80	0	217	20.00	1,769.40	01/12/10	05/03/10	▲ Develop Software CXI Vision Camera Controls																																															
03 Procurement																																																								
CD 12365	Prep Bid Pkg & App - CXI Vision Camera Cont	30	0	216	0.00	0.00	01/12/10	02/22/10	▲ Prep Bid Pkg & App - CXI Vision Camera Cont																																															
CD 12370	AWARD: CXI Vision 120Hz Camera Controls	1	0	216	9,825.00	10,709.25	02/23/10	02/23/10	☒ AWARD: CXI Vision 120Hz Camera Controls																																															
CD 12380	Vendor Fab - CXI Vision Camera Controls	30	0	216	9,825.00	10,709.25	02/24/10	04/06/10	▲ Vendor Fab - CXI Vision Camera Controls																																															
CD 12385	RCV: All CXI Vision Camera Controls Parts	0	0	216	0.00	0.00		04/06/10	◆ RCV: All CXI Vision Camera Controls Parts																																															
05 Fab / Assembly																																																								
CD 12420	Fab/Delvr CXI Vision Camera Controls	40	0	216	10.00	664.40	04/07/10	06/01/10	▲ Fab/Delvr CXI Vision Camera Controls																																															
06 Testing																																																								
CD 12440	Prepare Docs CXI Vision Camera Controls	20	0	217	5.00	442.35	05/04/10	05/31/10	▲ Prepare Docs CXI Vision Camera Controls																																															
CD 12460	AVAIL: CXI Vision Camera Controls Hardware	0	0	216	0.00	0.00		06/01/10	◆ AVAIL: CXI Vision Camera Controls Hardware																																															
CD 12480	AVAIL: CXI Vision Camera Controls Software	0	0	216	0.00	0.00		06/01/10	◆ AVAIL: CXI Vision Camera Controls Software																																															
1.6.04.03.19 CXI H5 Detector Stage Controls																																																								
02 Design / Engineering																																																								
CD 12520	Design CXI Detector Stage Controls	80	0	234	40.00	4,670.99	06/12/09	10/01/09	▲ Design CXI Detector Stage Controls																																															
CD 12522	COMP: Design CXI Detector Stage Controls	0	0	234	0.00	0.00		10/01/09	◆ COMP: Design CXI Detector Stage Controls																																															
CD 12525	FDR - CXI Detector Stage Controls	1	0	234	10.00	1,213.30	10/02/09	10/02/09	☒ FDR - CXI Detector Stage Controls																																															
CD 12555	Develop Software CXI Detector Stage Controls	80	0	235	100.00	8,847.00	10/05/09	02/09/10	▲ Develop Software CXI Detector Stage Controls																																															
03 Procurement																																																								
CD 12535	Prep Bid Pkg & App - CXI Detector Stage Cntrl	30	0	234	0.00	0.00	10/05/09	11/13/09	▲ Prep Bid Pkg & App - CXI Detector Stage Cntrl																																															
CD 12540	AWARD: CXI Detector Stage Controls	1	0	234	13,516.00	14,732.44	11/16/09	11/16/09	☒ AWARD: CXI Detector Stage Controls																																															
CD 12545	Vendor Fab -CXI Detector Stage Controls Software	30	0	234	13,516.00	14,732.44	11/17/09	01/13/10	▲ Vendor Fab -CXI Detector Stage Controls Software																																															
CD 12550	RCV: All CXI Detector Stage Cntrl Parts	0	0	234	0.00	0.00		01/13/10	◆ RCV: All CXI Detector Stage Cntrl Parts																																															
05 Fab / Assembly																																																								
CD 12560	Fab/Delvr CXI Detector Stage Controls	40	0	234	30.00	1,993.20	01/14/10	03/10/10	▲ Fab/Delvr CXI Detector Stage Controls																																															
06 Testing																																																								
CD 12565	Prepare Docs CXI Detector Stage Controls	20	0	235	10.00	884.70	02/10/10	03/09/10	▲ Prepare Docs CXI Detector Stage Controls																																															
CD 12570	AVAIL: CXI Detector Stage Controls Hardware	0	0	234	0.00	0.00		03/10/10	◆ AVAIL: CXI Detector Stage Controls Hardware																																															
CD 12575	AVAIL: CXI Detector Stage Controls Software	0	0	234	0.00	0.00		03/10/10	◆ AVAIL: CXI Detector Stage Controls Software																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S		
1.6.04.03.24 CXI H5 Reference Laser Controls																																																								
02 Design / Engineering																																																								
CD 12950	Design CXI Reference Laser Controls	140	0	96	40.00	4,789.69	06/12/09	01/11/10													▲ Design CXI Reference Laser Controls																																			
CD 12952	COMP: CXI Design Reference Laser Controls	0	0	96	0.00	0.00		01/11/10													◆ COMP: CXI Design Reference Laser Controls																																			
CD 12955	FDR - CXI Reference Laser Controls	1	0	96	10.00	1,213.30	01/12/10	01/12/10													■ FDR - CXI Reference Laser Controls																																			
CD 12980	Develop Software CXI Reference Laser Controls	80	0	97	60.00	5,308.20	01/13/10	05/04/10													▲ Develop Software CXI Reference Laser Controls																																			
03 Procurement																																																								
CD 12965	Prep Bid Pkg & App - CXI Reference Laser Cntrl	30	0	96	0.00	0.00	01/13/10	02/23/10													▲ Prep Bid Pkg & App - CXI Reference Laser Cntrl																																			
CD 12967	AWARD: CXI Reference Laser Controls	1	0	96	24,441.00	26,640.69	02/24/10	02/24/10													■ AWARD: CXI Reference Laser Controls																																			
CD 12970	Vendor Fab - CXI Reference Laser Controls	30	0	96	24,441.00	26,640.69	02/25/10	04/07/10													▲ Vendor Fab - CXI Reference Laser Controls																																			
CD 12975	RCV: All CXI Reference Laser Cntrl Parts	0	0	96	0.00	0.00		04/07/10													◆ RCV: All CXI Reference Laser Cntrl Parts																																			
05 Fab / Assembly																																																								
CD 12985	Fab/Delvr CXI Reference Laser Controls	40	0	96	20.00	1,328.80	04/08/10	06/02/10													▲ Fab/Delvr CXI Reference Laser Controls																																			
06 Testing																																																								
CD 12990	Prepare Docs CXI Reference Laser Controls	20	0	97	10.00	884.70	05/05/10	06/01/10													▲ Prepare Docs CXI Reference Laser Controls																																			
CD 12995	AVAIL: CXI Reference Laser Controls Hardware	0	0	96	0.00	0.00		06/02/10													◆ AVAIL: CXI Reference Laser Controls Hardware																																			
CD 13000	AVAIL: CXI Reference Laser Controls Software	0	0	96	0.00	0.00		06/02/10													◆ AVAIL: CXI Reference Laser Controls Software																																			
1.6.04.03.26 CXI H5 Controls System Integration Test																																																								
02 Design / Engineering																																																								
CD 13400	Design CXI Controls System Integration	100	0	97	60.00	7,279.80	05/03/10*	09/17/10													▲ Design CXI Controls System Integration																																			
CD 13405	COMP: Design CXI Controls System Integration	0	0	97	0.00	0.00		09/17/10													◆ COMP: Design CXI Controls System Integration																																			
CD 13410	FDR - CXI Controls System Integration	1	0	97	20.00	2,426.60	09/20/10	09/20/10													■ FDR - CXI Controls System Integration																																			
06 Testing																																																								
CD 13430	Perform CXI Controls System Integration Test	20	0	97	300.00	27,178.20	09/21/10	10/18/10													▲ Perform CXI Controls System Integration Test																																			
CD 13440	Prepare Docs CXI Controls Syst Integration Test	20	0	97	20.00	1,840.20	10/19/10	11/15/10													▲ Prepare Docs CXI Controls Syst Integration Test																																			
CD 13450	AVAIL: CXI Controls System Integration Test Comp	0	0	97	0.00	0.00		11/15/10													◆ AVAIL: CXI Controls System Integration Test Comp																																			
1.6.05.01.01 XCS H4 Controls Requirements and Design																																																								
02 Design / Engineering																																																								
CD 13580	Prepare XCS Requirements	10	100		15.00	1,750.05	02/02/09A	02/13/09A	■ Prepare XCS Requirements																																															
CD 13600	Prepare XCS - Controls ICD	10	100		15.00	1,750.05	02/16/09A	02/27/09A	■ Prepare XCS - Controls ICD																																															
CD 13620	Prepare Final Device List for XCS	5	100		15.00	1,750.05	04/01/09A	04/07/09A	■ Prepare Final Device List for XCS																																															
CD 13640	Preliminary Design for XCS	5	100		75.00	8,750.25	04/08/09A	05/05/09A	■ Preliminary Design for XCS																																															
CD 13660	PDR - XCS Controls Requirements Design	1	100		20.00	2,333.40	05/25/09A	05/25/09A	■ PDR - XCS Controls Requirements Design																																															
CD 13700	Post PDR Design Effort - XCS Req'mts & Design	45	0	104	5.00	583.35	06/01/09	07/31/09	▲ Post PDR Design Effort - XCS Req'mts & Design																																															
CD 13710	PDR - Prelim Design Review - XCS Phase 2	1	0	104	20.00	2,333.40	08/03/09	08/03/09	■ PDR - Prelim Design Review - XCS Phase 2																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D J F M A M J J A S O N D J J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J											
CD 13720	Post PDR Design Effort Phase 2 - XCS Req'mts	60	0	104	20.00	2,379.07	08/04/09	10/26/09	▲ Post PDR Design Effort Phase 2 - XCS Req'mts																																															
CD 13820	Post PDR Design Effort Phase 3 - XCS	80	0	104	0.00	0.00	10/27/09	03/03/10	▲ Post PDR Design Effort Phase 3 - XCS																																															
1.6.05.01.02 XCS H4 Development Test Setup																																																								
03 Procurement																																																								
CD 13740	Prep Bid Pkg & App - Development Test Setup	80	0	109	0.00	0.00	03/04/10	06/23/10	▲ Prep Bid Pkg & App - Development Test Setup																																															
CD 13741	AWARD: XCS Specific Hardware & Software	1	0	109	25,000.00	27,250.00	06/24/10	06/24/10	▲ AWARD: XCS Specific Hardware & Software																																															
CD 13742	Vendor Fab - XCS Specific Hardware & Software	100	0	109	25,000.00	28,000.00	06/25/10	11/11/10	▲ Vendor Fab - XCS Specific Hardware & Software																																															
CD 13745	RCV: All Parts - XCS H4 Development Test Setup	0	0	109	0.00	0.00		11/11/10	◆ RCV: All Parts - XCS H4 Development Test Setup																																															
05 Fab / Assembly																																																								
CD 13760	Fab/Delvr XCS Specific Hardware & Software	20	0	109	30.00	2,072.70	11/12/10	12/13/10	▲ Fab/Delvr XCS Specific Hardware & Software																																															
CD 13780	Develop Software for XCS Test Setup	80	0	109	80.00	7,360.80	12/14/10	04/18/11	▲ Develop Software for XCS Test Setup																																															
CD 13800	COMP: XCS Test Setup	0	0	109	0.00	0.00		04/18/11	◆ COMP: XCS Test Setup																																															
1.6.05.02.01 XCS H4 Cables & Racks																																																								
02 Design / Engineering																																																								
CD 15200	Prepare Parts List for XCS Hutch Cables & Racks	20	0	184	80.00	9,706.40	04/01/10*	04/28/10	▲ Prepare Parts List for XCS Hutch Cables & Racks																																															
CD 15220	Prepare Layout for XCS Hutch Cables & Racks	25	0	184	100.00	12,133.00	04/29/10	06/02/10	▲ Prepare Layout for XCS Hutch Cables & Racks																																															
04 Subcontract																																																								
CD 15225	Prep Bid Pkg & App - XCS Hutch Cables & Racks	30	0	184	0.00	0.00	06/03/10	07/14/10	▲ Prep Bid Pkg & App - XCS Hutch Cables & Racks																																															
CD 15226	RELEASE: RFP - XCS Hutch Cables & Racks	0	0	184	0.00	0.00		07/14/10	◆ RELEASE: RFP - XCS Hutch Cables & Racks																																															
CD 15227	Vendor Proposal Effort - XCS Hutch Cables & Rack	30	0	184	0.00	0.00	07/15/10	08/25/10	▲ Vendor Proposal Effort - XCS Hutch Cables & Rack																																															
CD 15228	RCV: Vendor Proposals - XCS Hutch Cables & Rac	0	0	184	0.00	0.00		08/25/10	◆ RCV: Vendor Proposals - XCS Hutch Cables & Rac																																															
CD 15229	Eval & Selection Process -XCS Hutch Cables & Rac	15	0	184	0.00	0.00	08/26/10	09/15/10	▲ Eval & Selection Process -XCS Hutch Cables & Rac																																															
CD 15230	Vendor Selection - XCS Hutch Cables & Racks	0	0	184	0.00	0.00		09/15/10	◆ Vendor Selection - XCS Hutch Cables & Racks																																															
CD 15231	SLAC Approval Process -XCS Hutch Cables & Racks	5	0	184	0.00	0.00	09/16/10	09/22/10	▲ SLAC Approval Process -XCS Hutch Cables & Racks																																															
CD 15232	DOE Approval Process - XCS Hutch Cables & Racks	5	0	184	0.00	0.00	09/23/10	09/29/10	▲ DOE Approval Process - XCS Hutch Cables & Racks																																															
CD 15235	AWARD: XCS Hutch Cables & Racks	1	0	184	281,950.00	307,325.50	09/30/10	09/30/10	▲ AWARD: XCS Hutch Cables & Racks																																															
CD 15240	Vendor Fab - XCS Hutch Cables & Racks	30	0	184	281,950.00	315,784.00	10/01/10	11/11/10	▲ Vendor Fab - XCS Hutch Cables & Racks																																															
CD 15245	RCV: All XCS Hutch Cables & Racks Parts	0	0	184	0.00	0.00		11/11/10	◆ RCV: All XCS Hutch Cables & Racks Parts																																															
05 Fab / Assembly																																																								
CD 15260	Fab/Delvr XCS Hutch Cables & Racks	20	0	184	300.00	20,727.00	11/12/10	12/13/10	▲ Fab/Delvr XCS Hutch Cables & Racks																																															
CD 15280	Prepare Docs XCS Hutch Cables & Racks	5	0	184	80.00	7,360.80	12/14/10	01/03/11	▲ Prepare Docs XCS Hutch Cables & Racks																																															
CD 15300	AVAIL: XCS Hutch Cables & Racks	0	0	184	0.00	0.00		01/03/11	◆ AVAIL: XCS Hutch Cables & Racks																																															
1.6.05.02.02 XCS H4 Workstation																																																								
03 Procurement																																																								
CD 15340	Prep Bid Pkg & App - XCS Hutch Workstation	80	0	96	0.00	0.00	04/20/10	08/09/10	▲ Prep Bid Pkg & App - XCS Hutch Workstation																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D J F M A M J J A S O N D J J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J											
CD 15341	AWARD: XCS Hutch Workstation	1	0	96	8,200.00	8,938.00	08/10/10	08/10/10																									X AWARD: XCS Hutch Workstation																							
CD 15342	Vendor Fab - XCS Hutch Workstation	100	0	96	8,200.00	9,184.00	08/11/10	01/13/11																									Vendor Fab - XCS Hutch Workstation																							
CD 15345	RCV: All XCS Hutch Workstation Parts	0	0	96	0.00	0.00		01/13/11																									RCV: All XCS Hutch Workstation Parts																							
05 Fab / Assembly																																																								
CD 15360	Fab/Delvr XCS Hutch Workstation	40	0	96	50.00	3,454.50	01/14/11	03/10/11																									Fab/Delvr XCS Hutch Workstation																							
06 Testing																																																								
CD 15380	System Test XCS Hutch Workstation	20	0	96	20.00	1,840.20	03/11/11	04/07/11																									System Test XCS Hutch Workstation																							
CD 15400	Prepare Docs XCS Hutch Workstation	20	0	96	5.00	460.05	04/08/11	05/05/11																									Prepare Docs XCS Hutch Workstation																							
CD 15420	AVAIL: XCS Hutch Workstation Hardware	0	0	96	0.00	0.00		05/05/11																									AVAIL: XCS Hutch Workstation Hardware																							
CD 15440	AVAIL: XCS Hutch Workstation Software	0	0	96	0.00	0.00		05/05/11																									AVAIL: XCS Hutch Workstation Software																							
1.6.05.02.03 XCS H4 Beam Line Processor																																																								
03 Procurement																																																								
CD 15480	Prep Bid Pkg & App - XCS Hutch Beam Line	80	0	96	0.00	0.00	04/20/10	08/09/10																									Prep Bid Pkg & App - XCS Hutch Beam Line																							
CD 15481	AWARD: XCS Hutch Beam Line Processor	1	0	96	19,900.00	21,691.00	08/10/10	08/10/10																									AWARD: XCS Hutch Beam Line Processor																							
CD 15482	Vendor Fab - XCS Hutch Beam Line Processor	100	0	96	19,900.00	22,288.00	08/11/10	01/13/11																									Vendor Fab - XCS Hutch Beam Line Processor																							
CD 15485	RCV: All XCS Hutch Beam Line Proce Parts	0	0	96	0.00	0.00		01/13/11																									RCV: All XCS Hutch Beam Line Proce Parts																							
05 Fab / Assembly																																																								
CD 15500	Fab/Delvr XCS Hutch Beam Line Processor	40	0	96	20.00	1,840.20	01/14/11	03/10/11																									Fab/Delvr XCS Hutch Beam Line Processor																							
06 Testing																																																								
CD 15520	System Test XCS Hutch Beam Line Processor	20	0	96	5.00	460.05	03/11/11	04/07/11																									System Test XCS Hutch Beam Line Processor																							
CD 15540	Prepare Docs XCS Hutch Beam Line Processor	20	0	96	10.00	920.10	04/08/11	05/05/11																									Prepare Docs XCS Hutch Beam Line Processor																							
CD 15560	AVAIL: XCS Hutch Beam Line Processor Hardware	0	0	96	0.00	0.00		05/05/11																									AVAIL: XCS Hutch Beam Line Processor Hardware																							
CD 15580	AVAIL: XCS Hutch Beam Line Processor Software	0	0	96	0.00	0.00		05/05/11																									AVAIL: XCS Hutch Beam Line Processor Software																							
1.6.05.02.04 XCS H4 Channel Access Gateway																																																								
03 Procurement																																																								
CD 15620	Prep Bid Pkg & App - XCS Hutch Channel Access	80	0	96	0.00	0.00	04/20/10	08/09/10																									Prep Bid Pkg & App - XCS Hutch Channel Access																							
CD 15621	AWARD: XCS Hutch Channel Access Gateway	1	0	96	10,400.00	11,336.00	08/10/10	08/10/10																									AWARD: XCS Hutch Channel Access Gateway																							
CD 15622	Vendor Fab - XCS Hutch Channel Access Gateway	100	0	96	10,400.00	11,648.00	08/11/10	01/13/11																									Vendor Fab - XCS Hutch Channel Access Gateway																							
CD 15625	RCV: All XCS Hutch Channel Access Parts	0	0	96	0.00	0.00		01/13/11																									RCV: All XCS Hutch Channel Access Parts																							
05 Fab / Assembly																																																								
CD 15640	Fab/Delvr XCS Hutch Channel Access Gateway	40	0	96	20.00	1,840.20	01/14/11	03/10/11																									Fab/Delvr XCS Hutch Channel Access Gateway																							
06 Testing																																																								
CD 15660	System Test XCS Hutch Channel Access Gateway	20	0	96	20.00	1,840.20	03/11/11	04/07/11																									System Test XCS Hutch Channel Access Gateway																							
CD 15680	Prepare Docs XCS Hutch Channel Access Gateway	20	0	96	5.00	460.05	04/08/11	05/05/11																									Prepare Docs XCS Hutch Channel Access Gateway																							
CD 15700	AVAIL: XCS Hutch Channel Access Gateway Hardware	0	0	96	0.00	0.00		05/05/11																									AVAIL: XCS Hutch Channel Access Gateway Hardware																							

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
CD 15720	AVAIL: XCS Hutch Channel Access Gateway Software	0	0	96	0.00	0.00		05/05/11	◆ AVAIL: XCS Hutch Channel Access Gateway Software																																															
1.6.05.02.05 XCS H4 MPS																																																								
03 Procurement																																																								
CD 15760	Prep Bid Pkg & App - XCS Hutch MPS	80	0	96	0.00	0.00	04/20/10	08/09/10	▲ Prep Bid Pkg & App - XCS Hutch MPS																																															
CD 15761	AWARD: XCS Hutch MPS	1	0	96	13,300.00	14,497.00	08/10/10	08/10/10	◆ AWARD: XCS Hutch MPS																																															
CD 15762	Vendor Fab - XCS Hutch MPS	100	0	96	13,300.00	14,896.00	08/11/10	01/13/11	▲ Vendor Fab - XCS Hutch MPS																																															
CD 15765	RCV: All XCS Hutch MPS Parts	0	0	96	0.00	0.00		01/13/11	◆ RCV: All XCS Hutch MPS Parts																																															
05 Fab / Assembly																																																								
CD 15780	Fab/Delvr XCS Hutch MPS	40	0	96	20.00	1,381.80	01/14/11	03/10/11	▲ Fab/Delvr XCS Hutch MPS																																															
06 Testing																																																								
CD 15800	System Test XCS Hutch MPS	20	0	96	20.00	1,840.20	03/11/11	04/07/11	▲ System Test XCS Hutch MPS																																															
CD 15820	Prepare Docs XCS Hutch MPS	20	0	96	5.00	460.05	04/08/11	05/05/11	▲ Prepare Docs XCS Hutch MPS																																															
CD 15840	AVAIL: XCS Hutch MPS Hardware	0	0	96	0.00	0.00		05/05/11	◆ AVAIL: XCS Hutch MPS Hardware																																															
CD 15860	AVAIL: XCS Hutch MPS Firmware	0	0	96	0.00	0.00		05/05/11	◆ AVAIL: XCS Hutch MPS Firmware																																															
1.6.05.03.01 XCS H4 Data Acquisition (DAQ)																																																								
02 Design / Engineering																																																								
CD 15880	Design XCS Specific Data Acquisition	80	0	162	80.00	9,706.40	03/04/10	06/23/10	▲ Design XCS Specific Data Acquisition																																															
CD 15885	COMP: Design XCS Specific Data Acquisition	0	0	162	0.00	0.00		06/23/10	◆ COMP: Design XCS Specific Data Acquisition																																															
CD 15900	FDR - XCS Specific Data Acquisition	1	0	162	40.00	4,853.20	06/24/10	06/24/10	◆ FDR - XCS Specific Data Acquisition																																															
CD 15960	Develop Software XCS Specific Data Acquisition	90	0	199	520.00	64,054.74	06/25/10	10/28/10	▲ Develop Software XCS Specific Data Acquisition																																															
CD 16020	Prepare Docs XCS Specific Data Acquisition	20	0	199	20.00	1,840.20	10/29/10	11/29/10	▲ Prepare Docs XCS Specific Data Acquisition																																															
04 Subcontract																																																								
CD 15920	Prep Bid Pkg & App - XCS Specific Data Acq	30	0	162	0.00	0.00	06/25/10	08/05/10	▲ Prep Bid Pkg & App - XCS Specific Data Acq																																															
CD 15921	RELEASE: RFP - XCS Specific Data Acq	0	0	162	0.00	0.00		08/05/10	◆ RELEASE: RFP - XCS Specific Data Acq																																															
CD 15922	Vendor Proposal Effort - XCS Specific Data Acq	20	0	162	0.00	0.00	08/06/10	09/02/10	▲ Vendor Proposal Effort - XCS Specific Data Acq																																															
CD 15923	RCV: Vendor Proposals - XCS Specific Data Acq	0	0	162	0.00	0.00		09/02/10	◆ RCV: Vendor Proposals - XCS Specific Data Acq																																															
CD 15924	Eval & Selection Process -XCS Specific Data Acq	15	0	162	0.00	0.00	09/03/10	09/23/10	▲ Eval & Selection Process -XCS Specific Data Acq																																															
CD 15925	Vendor Selection - XCS Specific Data Acq	0	0	162	0.00	0.00		09/23/10	◆ Vendor Selection - XCS Specific Data Acq																																															
CD 15926	SLAC Approval Process -XCS Specific Data Acq	5	0	162	0.00	0.00	09/24/10	09/30/10	▲ SLAC Approval Process -XCS Specific Data Acq																																															
CD 15927	DOE Approval Process - XCS Specific Data Acq	5	0	162	0.00	0.00	10/01/10	10/07/10	▲ DOE Approval Process - XCS Specific Data Acq																																															
CD 15930	AWARD: XCS Specific Data Acquisition (DAQ)	1	0	162	59,922.00	67,112.64	10/08/10	10/08/10	◆ AWARD: XCS Specific Data Acquisition (DAQ)																																															
CD 15940	Vendor Fab - XCS Specific Data Acquisition	30	0	162	59,922.00	67,112.64	10/11/10	11/19/10	▲ Vendor Fab - XCS Specific Data Acquisition																																															
CD 15945	RCV: All XCS Specific Data Acq Parts	0	0	162	0.00	0.00		11/19/10	◆ RCV: All XCS Specific Data Acq Parts																																															
05 Fab / Assembly																																																								
CD 15980	Fab/Delvr XCS Specific Data Acquisition	40	0	162	160.00	11,054.40	11/22/10	02/01/11	▲ Fab/Delvr XCS Specific Data Acquisition																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
06 Testing																																																								
CD 16000	System Test XCS Specific Data Acquisition	1	0	162	20.00	1,840.20	02/02/11	02/02/11																																																
CD 16040	AVAIL: XCS Specific Data Acquisition Hardware	0	0	162	0.00	0.00		02/02/11	<p>System Test XCS Specific Data Acquisition</p>																																															
CD 16060	AVAIL: XCS Specific Data Acquisition Software	0	0	162	0.00	0.00		02/02/11	<p>AVAIL: XCS Specific Data Acquisition Hardware</p> <p>AVAIL: XCS Specific Data Acquisition Software</p>																																															
1.6.05.03.02 XCS H4 DAQ Hutch Data Management																																																								
02 Design / Engineering																																																								
CD 16080	Design XCS Specific DAQ Hutch Data Management	80	0	289	80.00	9,706.40	10/27/09	03/03/10	<p>Design XCS Specific DAQ Hutch Data Management</p>																																															
CD 16085	COMP: Design XCS Specific DAQ Hutch Data Mgmt	0	0	289	0.00	0.00		03/03/10	<p>COMP: Design XCS Specific DAQ Hutch Data Mgmt</p>																																															
CD 16100	FDR - XCS Specific DAQ Hutch Data Management	1	0	289	20.00	2,426.60	03/04/10	03/04/10	<p>FDR - XCS Specific DAQ Hutch Data Management</p>																																															
CD 16160	Develop SW XCS Specific DAQ Hutch Data Mgmt	80	0	289	80.00	7,077.60	03/05/10	06/24/10	<p>Develop SW XCS Specific DAQ Hutch Data Mgmt</p>																																															
CD 16220	Prepare Docs XCS Specific DAQ Hutch Data Mgmt	20	0	289	40.00	3,538.80	06/25/10	07/22/10	<p>Prepare Docs XCS Specific DAQ Hutch Data Mgmt</p>																																															
05 Fab / Assembly																																																								
CD 16180	Fab/Delvr XCS Specific DAQ Hutch Data Management	40	0	348	80.00	5,315.20	03/05/10	04/29/10	<p>Fab/Delvr XCS Specific DAQ Hutch Data Management</p>																																															
06 Testing																																																								
CD 16200	System Test XCS Specific DAQ Hutch Data Mgmt	1	0	348	100.00	8,847.00	04/30/10	04/30/10	<p>System Test XCS Specific DAQ Hutch Data Mgmt</p>																																															
CD 16240	AVAIL: XCS Specific DAQ Hutch Data Management HW	0	0	289	0.00	0.00		07/22/10	<p>AVAIL: XCS Specific DAQ Hutch Data Management HW</p>																																															
CD 16260	AVAIL: XCS Specific DAQ Hutch Data Management SW	0	0	289	0.00	0.00		07/22/10	<p>AVAIL: XCS Specific DAQ Hutch Data Management SW</p>																																															
1.6.05.03.03 XCS H4 Experiment Configuration Control																																																								
02 Design / Engineering																																																								
CD 16300	Design XCS Specific Experiment Config Control	80	0	304	40.00	4,795.18	08/03/09	11/20/09	<p>Design XCS Specific Experiment Config Control</p>																																															
CD 16305	COMP:XCS Specific Design Experiment Config Cntrl	0	0	304	0.00	0.00		11/20/09	<p>COMP:XCS Specific Design Experiment Config Cntrl</p>																																															
CD 16320	FDR - XCS Specific Experiment Config Control	1	0	304	10.00	1,213.30	11/23/09	11/23/09	<p>FDR - XCS Specific Experiment Config Control</p>																																															
CD 16380	Develop SW XCS Specific Experiment Config Cntrl	90	0	340	220.00	19,463.40	11/24/09	04/14/10	<p>Develop SW XCS Specific Experiment Config Cntrl</p>																																															
CD 16420	Prepare Docs XCS Specific Xperiment Config Cntrl	20	0	340	20.00	1,769.40	04/15/10	05/12/10	<p>Prepare Docs XCS Specific Xperiment Config Cntrl</p>																																															
04 Subcontract																																																								
CD 16340	Prep Bid Pkg & App - Experiment Config	30	0	304	0.00	0.00	11/24/09	01/20/10	<p>Prep Bid Pkg & App - Experiment Config</p>																																															
CD 16341	RELEASE: RFP - Experiment Config	0	0	304	0.00	0.00		01/20/10	<p>RELEASE: RFP - Experiment Config</p>																																															
CD 16342	Vendor Proposal Effort - Experiment Config	20	0	304	0.00	0.00	01/21/10	02/17/10	<p>Vendor Proposal Effort - Experiment Config</p>																																															
CD 16343	RCV: Vendor Proposals - Experiment Config	0	0	304	0.00	0.00		02/17/10	<p>RCV: Vendor Proposals - Experiment Config</p>																																															
CD 16344	Eval & Selection Process -Experiment Config	15	0	304	0.00	0.00	02/18/10	03/10/10	<p>Eval & Selection Process -Experiment Config</p>																																															
CD 16345	Vendor Selection - Experiment Config	0	0	304	0.00	0.00		03/10/10	<p>Vendor Selection - Experiment Config</p>																																															
CD 16346	SLAC Approval Process -Experiment Config	5	0	304	0.00	0.00	03/11/10	03/17/10	<p>SLAC Approval Process -Experiment Config</p>																																															
CD 16347	DOE Approval Process - Experiment Config	5	0	304	0.00	0.00	03/18/10	03/24/10	<p>DOE Approval Process - Experiment Config</p>																																															
CD 16350	AWARD: XCS Specific Experiment Config Controls	1	0	304	92,342.00	100,652.78	03/25/10	03/25/10	<p>AWARD: XCS Specific Experiment Config Controls</p>																																															
CD 16360	Vendor Fab -XCS Specific Experiment Config Cntrl	30	0	304	92,342.00	100,652.78	03/26/10	05/06/10	<p>Vendor Fab -XCS Specific Experiment Config Cntrl</p>																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J											
CD 16365	RCV: All XCS Specific Experiment Cntrl Parts	0	0	304	0.00	0.00		05/06/10	◆ RCV: All XCS Specific Experiment Cntrl Parts																																															
05 Fab / Assembly																																																								
CD 16400	Fab/Delvr XCS Specific Experiment Config Control	40	0	304	20.00	1,328.80	05/07/10	07/01/10	▬ Fab/Delvr XCS Specific Experiment Config Control																																															
CD 16440	AVAIL: XCS Specific Experiment Config Control	0	0	304	0.00	0.00		07/01/10	◆ AVAIL: XCS Specific Experiment Config Control																																															
1.6.05.03.04 XCS H4 Valve Controls																																																								
02 Design / Engineering																																																								
CD 14040	Design XCS Specific Valve Controls	80	0	349	5.00	599.40	08/03/09	11/20/09	▬ Design XCS Specific Valve Controls																																															
CD 14045	COMP: Design XCS Specific Valve Controls	0	0	349	0.00	0.00		11/20/09	◆ COMP: Design XCS Specific Valve Controls																																															
CD 14060	FDR - XCS Specific Valve Controls	1	0	349	0.00	0.00	11/23/09	11/23/09	▬ FDR - XCS Specific Valve Controls																																															
CD 14120	Develop Software XCS Specific Valve Controls	80	0	350	20.00	1,769.40	11/24/09	03/31/10	▬ Develop Software XCS Specific Valve Controls																																															
CD 14160	Prepare Docs XCS Specific Valve Controls	20	0	350	5.00	442.35	04/01/10	04/28/10	▬ Prepare Docs XCS Specific Valve Controls																																															
03 Procurement																																																								
CD 14085	Prep Bid Pkg & App - XCS Specific Valve Cntrl	30	0	349	0.00	0.00	11/24/09	01/20/10	▬ Prep Bid Pkg & App - XCS Specific Valve Cntrl																																															
CD 14090	AWARD: XCS Specific Valve Controls	1	0	349	6,420.00	6,997.80	01/21/10	01/21/10	▬ AWARD: XCS Specific Valve Controls																																															
CD 14100	Vendor Fab - XCS Specific Valve Controls	30	0	349	6,420.00	6,997.80	01/22/10	03/04/10	▬ Vendor Fab - XCS Specific Valve Controls																																															
CD 14105	RCV: All XCS Specific Valve Control Parts	0	0	349	0.00	0.00		03/04/10	◆ RCV: All XCS Specific Valve Control Parts																																															
05 Fab / Assembly																																																								
CD 14140	Fab/Delvr XCS Specific Valve Controls	40	0	349	10.00	664.40	03/05/10	04/29/10	▬ Fab/Delvr XCS Specific Valve Controls																																															
CD 14180	AVAIL: XCS Specific Valve Controls Hardware	0	0	349	0.00	0.00		04/29/10	◆ AVAIL: XCS Specific Valve Controls Hardware																																															
CD 14200	AVAIL: XCS Specific Valve Controls Software	0	0	349	0.00	0.00		04/29/10	◆ AVAIL: XCS Specific Valve Controls Software																																															
1.6.05.03.05 XCS H4 Vacuum Controls																																																								
02 Design / Engineering																																																								
CD 16680	Design XCS Specific Vacuum Controls	80	0	349	5.00	599.40	08/03/09	11/20/09	▬ Design XCS Specific Vacuum Controls																																															
CD 16685	COMP: Design XCS Specific Vacuum Controls	0	0	349	0.00	0.00		11/20/09	◆ COMP: Design XCS Specific Vacuum Controls																																															
CD 16700	FDR - XCS Specific Vacuum Controls	1	0	349	0.00	0.00	11/23/09	11/23/09	▬ FDR - XCS Specific Vacuum Controls																																															
CD 16760	Develop Software XCS Specific Vacuum Controls	80	0	350	40.00	3,538.80	11/24/09	03/31/10	▬ Develop Software XCS Specific Vacuum Controls																																															
CD 16800	Prepare Docs XCS Specific Vacuum Controls	20	0	350	10.00	884.70	04/01/10	04/28/10	▬ Prepare Docs XCS Specific Vacuum Controls																																															
03 Procurement																																																								
CD 16725	Prep Bid Pkg & App - XCS Specific Vacuum Cntrl	30	0	349	0.00	0.00	11/24/09	01/20/10	▬ Prep Bid Pkg & App - XCS Specific Vacuum Cntrl																																															
CD 16730	AWARD: XCS Specific Vacuum Controls	1	0	349	46,940.00	51,164.60	01/21/10	01/21/10	▬ AWARD: XCS Specific Vacuum Controls																																															
CD 16740	Vendor Fab - XCS Specific Vacuum Controls	30	0	349	46,940.00	51,164.60	01/22/10	03/04/10	▬ Vendor Fab - XCS Specific Vacuum Controls																																															
CD 16745	RCV: All XCS Specific Vacuum Cntrl Parts	0	0	349	0.00	0.00		03/04/10	◆ RCV: All XCS Specific Vacuum Cntrl Parts																																															
05 Fab / Assembly																																																								
CD 16780	Fab/Delvr XCS Specific Vacuum Controls	40	0	349	40.00	2,657.60	03/05/10	04/29/10	▬ Fab/Delvr XCS Specific Vacuum Controls																																															
CD 16820	AVAIL: XCS Specific Vacuum Controls Hardware	0	0	349	0.00	0.00		04/29/10	◆ AVAIL: XCS Specific Vacuum Controls Hardware																																															


















Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12													
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J							
CD 16840	AVAIL: XCS Specific Vacuum Controls Software	0	0	349	0.00	0.00		04/29/10	◆ AVAIL: XCS Specific Vacuum Controls Software																																																	
1.6.05.03.06 XCS H4 Pop-In Profile Monitor Controls																																																										
02 Design / Engineering																																																										
CD 14400	Design XCS Pop-In Profile Monitor Controls	80	0	214	5.00	599.40	08/03/09	11/20/09	▲ Design XCS Pop-In Profile Monitor Controls																																																	
CD 14405	COMP: Design XCS Pop-In Profile Monitor Controls	0	0	214	0.00	0.00		11/20/09	◆ COMP: Design XCS Pop-In Profile Monitor Controls																																																	
CD 14420	FDR - XCS Pop-In Profile Monitor Control	1	0	214	0.00	0.00	11/23/09	11/23/09	☒ FDR - XCS Pop-In Profile Monitor Control																																																	
CD 14480	Develop SW XCS Pop-In Profile Monitor Cntrl	80	0	215	20.00	1,769.40	11/24/09	03/31/10	▲ Develop SW XCS Pop-In Profile Monitor Cntrl																																																	
CD 14520	Prepare Docs XCS Pop-In Profile Monitor Controls	20	0	215	5.00	442.35	04/01/10	04/28/10	▲ Prepare Docs XCS Pop-In Profile Monitor Controls																																																	
03 Procurement																																																										
CD 14445	Prep Bid Pkg & App - XCS Pop-In Profile Mon	30	0	214	0.00	0.00	11/24/09	01/20/10	▲ Prep Bid Pkg & App - XCS Pop-In Profile Mon																																																	
CD 14450	AWARD: XCS Pop-In Profile Monitor Controls	1	0	214	15,568.00	16,969.12	01/21/10	01/21/10	☒ AWARD: XCS Pop-In Profile Monitor Controls																																																	
CD 14460	Vendor Fab - XCS Pop-In Profile Monitor Controls	30	0	214	15,568.00	16,969.12	01/22/10	03/04/10	▲ Vendor Fab - XCS Pop-In Profile Monitor Controls																																																	
CD 14465	RCV: All XCS Pop-In Profile Monitor Parts	0	0	214	0.00	0.00		03/04/10	◆ RCV: All XCS Pop-In Profile Monitor Parts																																																	
05 Fab / Assembly																																																										
CD 14500	Fab/Delvr XCS Pop-In Profile Monitor Controls	40	0	214	30.00	1,993.20	03/05/10	04/29/10	▲ Fab/Delvr XCS Pop-In Profile Monitor Controls																																																	
CD 14540	AVAIL: XCS Pop-In Profile Monitor Controls HW	0	0	214	0.00	0.00		04/29/10	◆ AVAIL: XCS Pop-In Profile Monitor Controls HW																																																	
CD 14560	AVAIL: XCS Pop-In Profile Monitor Controls SW	0	0	214	0.00	0.00		04/29/10	◆ AVAIL: XCS Pop-In Profile Monitor Controls SW																																																	
1.6.05.03.07 XCS H4 Pop-In Intensity Monitor Controls																																																										
02 Design / Engineering																																																										
CD 17280	Design XCS Pop-In Intensity Monitor Controls	80	0	234	5.00	599.40	08/03/09	11/20/09	▲ Design XCS Pop-In Intensity Monitor Controls																																																	
CD 17285	COMP: Design XCS Pop-In Intensity Monitor Cntrl	0	0	234	0.00	0.00		11/20/09	◆ COMP: Design XCS Pop-In Intensity Monitor Cntrl																																																	
CD 17300	FDR - XCS Pop-In Intensity Monitor Controls	1	0	234	0.00	0.00	11/23/09	11/23/09	☒ FDR - XCS Pop-In Intensity Monitor Controls																																																	
CD 17360	Develop SW XCS Pop-In Intensity Monitor Cntrl	80	0	235	20.00	1,769.40	11/24/09	03/31/10	▲ Develop SW XCS Pop-In Intensity Monitor Cntrl																																																	
CD 17400	Prepare Docs XCS Pop-In Intensity Monitor Cntrl	20	0	235	10.00	884.70	04/01/10	04/28/10	▲ Prepare Docs XCS Pop-In Intensity Monitor Cntrl																																																	
03 Procurement																																																										
CD 17325	Prep Bid Pkg & App -XCS Pop-In Intensity Mon	30	0	234	0.00	0.00	11/24/09	01/20/10	▲ Prep Bid Pkg & App -XCS Pop-In Intensity Mon																																																	
CD 17330	AWARD: XCS Pop-In Intensity Monitor Controls	1	0	234	30,665.00	33,424.85	01/21/10	01/21/10	☒ AWARD: XCS Pop-In Intensity Monitor Controls																																																	
CD 17340	Vendor Fab - XCS Pop-In Intensity Monitor Cntrls	30	0	234	30,665.00	33,424.85	01/22/10	03/04/10	▲ Vendor Fab - XCS Pop-In Intensity Monitor Cntrls																																																	
CD 17345	RCV: All XCS Pop-In Intensity Monitor Parts	0	0	234	0.00	0.00		03/04/10	◆ RCV: All XCS Pop-In Intensity Monitor Parts																																																	
05 Fab / Assembly																																																										
CD 17380	Fab/Delvr XCS Pop-In Intensity Monitor Controls	40	0	234	20.00	1,328.80	03/05/10	04/29/10	▲ Fab/Delvr XCS Pop-In Intensity Monitor Controls																																																	
CD 17420	AVAIL: XCS Pop-In Intensity Monitor Controls HW	0	0	234	0.00	0.00		04/29/10	◆ AVAIL: XCS Pop-In Intensity Monitor Controls HW																																																	
CD 17440	AVAIL: XCS Pop-In Intensity Monitor Controls SW	0	0	234	0.00	0.00		04/29/10	◆ AVAIL: XCS Pop-In Intensity Monitor Controls SW																																																	

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09					FY10					FY11					FY12																		
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
1.6.05.03.08 XCS H4 Intensity-Position Monitor Controls																																										
02 Design / Engineering																																										
CD 14220	Design XCS Intensity-Position Monitor Controls	80	0	189	5.00	599.40	08/03/09	11/20/09																								▲ Design XCS Intensity-Position Monitor Controls										
CD 14225	COMP:Design XCS Intensity-Position Monitor Cntrl	0	0	189	0.00	0.00		11/20/09																								◆ COMP:Design XCS Intensity-Position Monitor Cntrl										
CD 14240	FDR - XCS Intensity-Position Monitor Controls	1	0	189	0.00	0.00	11/23/09	11/23/09																								☒ FDR - XCS Intensity-Position Monitor Controls										
CD 14300	Develop SW XCS Intensity-Position Monitor Cntrl	80	0	235	20.00	1,769.40	11/24/09	03/31/10																								▲ Develop SW XCS Intensity-Position Monitor Cntrl										
CD 14340	Prepare Docs XCS Intensity-Position Mon Cntrl	20	0	235	10.00	884.70	04/01/10	04/28/10																								▲ Prepare Docs XCS Intensity-Position Mon Cntrl										
04 Subcontract																																										
CD 14260	Prep Bid Pkg & App - XCS IPM	30	0	189	0.00	0.00	11/24/09	01/20/10																								▲ Prep Bid Pkg & App - XCS IPM										
CD 14261	RELEASE: RFP - XCS IPM	0	0	189	0.00	0.00		01/20/10																								◆ RELEASE: RFP - XCS IPM										
CD 14262	Vendor Proposal Effort -XCS IPM	20	0	189	0.00	0.00	01/21/10	02/17/10																								▲ Vendor Proposal Effort -XCS IPM										
CD 14263	RCV: Vendor Proposals - XCS IPM	0	0	189	0.00	0.00		02/17/10																								◆ RCV: Vendor Proposals - XCS IPM										
CD 14264	Eval & Selection Process -XCS IPM	15	0	189	0.00	0.00	02/18/10	03/10/10																								▲ Eval & Selection Process -XCS IPM										
CD 14265	Vendor Selection - XCS IPM	0	0	189	0.00	0.00		03/10/10																								◆ Vendor Selection - XCS IPM										
CD 14266	SLAC Approval Process -XCS IPM	5	0	189	0.00	0.00	03/11/10	03/17/10																								▲ SLAC Approval Process -XCS IPM										
CD 14267	DOE Approval Process - XCS IPM	5	0	189	0.00	0.00	03/18/10	03/24/10																								▲ DOE Approval Process - XCS IPM										
CD 14270	AWARD: XCS Intensity-Position Monitor Controls	1	0	189	32,212.00	35,111.08	03/25/10	03/25/10																								☒ AWARD: XCS Intensity-Position Monitor Controls										
CD 14280	Vendor Fab -XCS Intensity-Position Monitor Cntrl	30	0	189	32,212.00	35,111.08	03/26/10	05/06/10																								▲ Vendor Fab -XCS Intensity-Position Monitor Cntrl										
CD 14285	RCV: All Intensity-Position Monitor Parts	0	0	189	0.00	0.00		05/06/10																								◆ RCV: All Intensity-Position Monitor Parts										
05 Fab / Assembly																																										
CD 14320	Fab/Delvr XCS Intensity-Position Monitor Cntrl	40	0	189	20.00	1,328.80	05/07/10	07/01/10																								▲ Fab/Delvr XCS Intensity-Position Monitor Cntrl										
CD 14360	AVAIL: Intensity-Position Monitor Controls HW	0	0	189	0.00	0.00		07/01/10																								◆ AVAIL: Intensity-Position Monitor Controls HW										
CD 14380	AVAIL: Intensity-Position Monitor Controls SW	0	0	189	0.00	0.00		07/01/10																								◆ AVAIL: Intensity-Position Monitor Controls SW										
1.6.05.03.09 XCS H4 Slit Controls																																										
02 Design / Engineering																																										
CD 16880	Design XCS Slit Controls	40	0	104	5.00	606.65	03/04/10	04/28/10																								▲ Design XCS Slit Controls										
CD 16885	COMP: Design XCS Slit Controls	0	0	104	0.00	0.00		04/28/10																								◆ COMP: Design XCS Slit Controls										
CD 16900	FDR - XCS Slit Controls	1	0	104	0.00	0.00	04/29/10	04/29/10																								☒ FDR - XCS Slit Controls										
CD 16960	Develop Software XCS Slit Controls	60	0	165	20.00	1,769.40	04/30/10	07/22/10																								▲ Develop Software XCS Slit Controls										
CD 17000	Prepare Docs XCS Slit Controls	20	0	165	10.00	884.70	07/23/10	08/19/10																								▲ Prepare Docs XCS Slit Controls										
03 Procurement																																										
CD 16925	Prep Bid Pkg & App - XCS Slit Controls	40	0	104	0.00	0.00	04/30/10	06/24/10																								▲ Prep Bid Pkg & App - XCS Slit Controls										
CD 16930	AWARD: XCS Slit Controls	1	0	104	26,585.00	28,977.65	06/25/10	06/25/10																								☒ AWARD: XCS Slit Controls										
CD 16940	Vendor Fab - XCS Slit Controls	60	0	104	26,585.00	28,977.65	06/28/10	09/17/10																								▲ Vendor Fab - XCS Slit Controls										

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J											
CD 16945	RCV: All XCS Slit Controls Parts	0	0	104	0.00	0.00		09/17/10	◆ RCV: All XCS Slit Controls Parts																																															
05 Fab / Assembly																																																								
CD 16980	Fab/Delvr XCS Slit Controls	40	0	104	20.00	1,369.88	09/20/10	11/12/10	▲ Fab/Delvr XCS Slit Controls																																															
CD 17020	AVAIL: XCS Slit Controls Hardware	0	0	104	0.00	0.00		11/12/10	◆ AVAIL: XCS Slit Controls Hardware																																															
CD 17040	AVAIL: XCS Slit Controls Software	0	0	104	0.00	0.00		11/12/10	◆ AVAIL: XCS Slit Controls Software																																															
1.6.05.03.10 XCS H4 Attenuator Controls																																																								
02 Design / Engineering																																																								
CD 17680	Design XCS Attenuator Controls	80	0	240	20.00	2,397.59	08/03/09	11/20/09	▲ Design XCS Attenuator Controls																																															
CD 17685	COMP: Design XCS Attenuator Controls	0	0	240	0.00	0.00		11/20/09	◆ COMP: Design XCS Attenuator Controls																																															
CD 17700	FDR - XCS Attenuator Controls	1	0	240	5.00	606.65	11/23/09	11/23/09	X FDR - XCS Attenuator Controls																																															
CD 17760	Develop Software XCS Attenuator Controls	80	0	241	30.00	2,654.10	11/24/09	03/31/10	▲ Develop Software XCS Attenuator Controls																																															
CD 17800	Prepare Docs XCS Attenuator Controls	20	0	241	5.00	442.35	04/01/10	04/28/10	▲ Prepare Docs XCS Attenuator Controls																																															
03 Procurement																																																								
CD 17725	Prep Bid Pkg & App - XCS Attenuator Control	30	0	240	0.00	0.00	11/24/09	01/20/10	▲ Prep Bid Pkg & App - XCS Attenuator Control																																															
CD 17730	AWARD: XCS Attenuator Controls	1	0	240	9,980.00	10,878.20	01/21/10	01/21/10	X AWARD: XCS Attenuator Controls																																															
CD 17740	Vendor Fab - XCS Attenuator Controls	30	0	240	9,980.00	10,878.20	01/22/10	03/04/10	▲ Vendor Fab - XCS Attenuator Controls																																															
CD 17745	RCV: All XCS Attenuator Controls Parts	0	0	240	0.00	0.00		03/04/10	◆ RCV: All XCS Attenuator Controls Parts																																															
05 Fab / Assembly																																																								
CD 17780	Fab/Delvr XCS Attenuator Controls	40	0	240	10.00	664.40	03/05/10	04/29/10	▲ Fab/Delvr XCS Attenuator Controls																																															
CD 17820	AVAIL: XCS Attenuator Controls Hardware	0	0	240	0.00	0.00		04/29/10	◆ AVAIL: XCS Attenuator Controls Hardware																																															
CD 17840	AVAIL: XCS Attenuator Controls Software	0	0	240	0.00	0.00		04/29/10	◆ AVAIL: XCS Attenuator Controls Software																																															
1.6.05.03.11 XCS H4 Harmonic Rejection Mirrors Controls																																																								
02 Design / Engineering																																																								
CD 18642	Design XCS Harmonic Rejection Mirrors Controls	80	0	236	80.00	9,590.37	08/03/09	11/20/09	▲ Design XCS Harmonic Rejection Mirrors Controls																																															
CD 18643	COMP:Design XCS Harmonic Rejection Mirrors Cntrl	0	0	236	0.00	0.00		11/20/09	◆ COMP:Design XCS Harmonic Rejection Mirrors Cntrl																																															
CD 18644	FDR - XCS Harmonic Rejection Mirrors Controls	1	0	236	20.00	2,426.60	11/23/09	11/23/09	X FDR - XCS Harmonic Rejection Mirrors Controls																																															
CD 18654	Develop SW XCS Harmonic Rejection Mirrors Cntrl	90	0	236	220.00	19,463.40	11/24/09	04/14/10	▲ Develop SW XCS Harmonic Rejection Mirrors Cntrl																																															
CD 18659	Prepare Docs XCS Harmonic Rejection Mirror Cntrl	20	0	236	40.00	3,538.80	04/15/10	05/12/10	▲ Prepare Docs XCS Harmonic Rejection Mirror Cntrl																																															
03 Procurement																																																								
CD 18648	Prep Bid Pkg & App - XCS Harmonic Rej Mirr	30	0	245	0.00	0.00	11/24/09	01/20/10	▲ Prep Bid Pkg & App - XCS Harmonic Rej Mirr																																															
CD 18649	AWARD: XCS Harmonic Rejection Mirrors Controls	1	0	245	19,945.00	21,740.05	01/21/10	01/21/10	X AWARD: XCS Harmonic Rejection Mirrors Controls																																															
CD 18650	Vendor Fab - XCS Harmonic Rejection Mirrors Cntl	30	0	245	19,945.00	21,740.05	01/22/10	03/04/10	▲ Vendor Fab - XCS Harmonic Rejection Mirrors Cntl																																															
CD 18652	RCV: All XCS Harmonic Rejection Mirror Parts	0	0	245	0.00	0.00		03/04/10	◆ RCV: All XCS Harmonic Rejection Mirror Parts																																															
05 Fab / Assembly																																																								
CD 18656	Fab/Delvr XCS Harmonic Rejection Mirrors Cntrl	40	0	245	40.00	2,657.60	03/05/10	04/29/10	▲ Fab/Delvr XCS Harmonic Rejection Mirrors Cntrl																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J											
CD 18661	AVAIL: XCS Harmonic Rejection Mirrors Cntrls HW	0	0	236	0.00	0.00		05/12/10	◆ AVAIL: XCS Harmonic Rejection Mirrors Cntrls HW																																															
CD 18663	AVAIL: XCS Harmonic Rejection Mirrors Cntrls SW	0	0	236	0.00	0.00		05/12/10	◆ AVAIL: XCS Harmonic Rejection Mirrors Cntrls SW																																															
1.6.05.03.12 XCS H4 2D Detector Motion Camera Controls																																																								
02 Design / Engineering																																																								
CD 17880	Design XCS 2D Camera Controls BNL	80	0	173	20.00	2,426.60	03/04/10	06/23/10	▲ Design XCS 2D Camera Controls BNL																																															
CD 17885	COMP: Design XCS 2D Camera Controls BNL	0	0	173	0.00	0.00		06/23/10	◆ COMP: Design XCS 2D Camera Controls BNL																																															
CD 17900	FDR - XCS 2D Camera Controls BNL	1	0	173	5.00	606.65	06/24/10	06/24/10	▲ FDR - XCS 2D Camera Controls BNL																																															
CD 17960	Develop Software XCS 2D Camera Controls BNL	80	0	174	60.00	5,355.46	06/25/10	10/14/10	▲ Develop Software XCS 2D Camera Controls BNL																																															
CD 18000	Prepare Docs XCS 2D Camera Controls BNL	20	0	174	10.00	920.10	10/15/10	11/11/10	▲ Prepare Docs XCS 2D Camera Controls BNL																																															
03 Procurement																																																								
CD 17925	Prep Bid Pkg & App -XCS 2D Camera Cntrls BNL	30	0	173	0.00	0.00	06/25/10	08/05/10	▲ Prep Bid Pkg & App -XCS 2D Camera Cntrls BNL																																															
CD 17930	AWARD: XCS 2D 120Hz Camera Controls BNL	1	0	173	4,577.00	4,988.93	08/06/10	08/06/10	▲ AWARD: XCS 2D 120Hz Camera Controls BNL																																															
CD 17940	Vendor Fab - XCS 2D Camera Controls BNL	30	0	173	4,577.00	4,988.93	08/09/10	09/17/10	▲ Vendor Fab - XCS 2D Camera Controls BNL																																															
CD 17945	RCV: All Parts XCS 2D Camera Controls BNL	0	0	173	0.00	0.00		09/17/10	◆ RCV: All Parts XCS 2D Camera Controls BNL																																															
05 Fab / Assembly																																																								
CD 17980	Fab/Delvr XCS 2D Camera Controls BNL	40	0	173	20.00	1,369.88	09/20/10	11/12/10	▲ Fab/Delvr XCS 2D Camera Controls BNL																																															
CD 18020	AVAIL: XCS 2D Camera Controls BNL Hardware	0	0	173	0.00	0.00		11/12/10	◆ AVAIL: XCS 2D Camera Controls BNL Hardware																																															
CD 18040	AVAIL: XCS 2D Camera Controls BNL Software	0	0	173	0.00	0.00		11/12/10	◆ AVAIL: XCS 2D Camera Controls BNL Software																																															
1.6.05.03.13 XCS H4 Diffractometer Controls																																																								
02 Design / Engineering																																																								
CD 18080	Design XCS Diffractometer Controls	80	0	304	80.00	9,590.37	08/03/09	11/20/09	▲ Design XCS Diffractometer Controls																																															
CD 18085	COMP: Design XCS Diffractometer Controls	0	0	304	0.00	0.00		11/20/09	◆ COMP: Design XCS Diffractometer Controls																																															
CD 18100	FDR - XCS Diffractometer Controls	1	0	304	20.00	2,426.60	11/23/09	11/23/09	▲ FDR - XCS Diffractometer Controls																																															
CD 18160	Develop Software XCS Diffractometer Controls	90	0	340	260.00	23,002.20	11/24/09	04/14/10	▲ Develop Software XCS Diffractometer Controls																																															
CD 18200	Prepare Docs XCS Diffractometer Controls	20	0	340	20.00	1,769.40	04/15/10	05/12/10	▲ Prepare Docs XCS Diffractometer Controls																																															
04 Subcontract																																																								
CD 18120	Prep Bid Pkg & App - XCS Diffractometer Cntrl	30	0	304	0.00	0.00	11/24/09	01/20/10	▲ Prep Bid Pkg & App - XCS Diffractometer Cntrl																																															
CD 18121	RELEASE: RFP - XCS Diffractometer Cntrl	0	0	304	0.00	0.00		01/20/10	◆ RELEASE: RFP - XCS Diffractometer Cntrl																																															
CD 18122	Vendor Proposal Effort -XCS Diffractometer Cntrl	20	0	304	0.00	0.00	01/21/10	02/17/10	▲ Vendor Proposal Effort -XCS Diffractometer Cntrl																																															
CD 18123	RCV: Vendor Proposals - XCS Diffractometer Cnt	0	0	304	0.00	0.00		02/17/10	◆ RCV: Vendor Proposals - XCS Diffractometer Cnt																																															
CD 18124	Eval & Selection Process -XCS Diffractometer Cnt	15	0	304	0.00	0.00	02/18/10	03/10/10	▲ Eval & Selection Process -XCS Diffractometer Cnt																																															
CD 18125	Vendor Selection - XCS Diffractometer Cntrl	0	0	304	0.00	0.00		03/10/10	◆ Vendor Selection - XCS Diffractometer Cntrl																																															
CD 18126	SLAC Approval Process -XCS Diffractometer Cntrl	5	0	304	0.00	0.00	03/11/10	03/17/10	▲ SLAC Approval Process -XCS Diffractometer Cntrl																																															
CD 18127	DOE Approval Process -XCS Diffractometer Cntrl	5	0	304	0.00	0.00	03/18/10	03/24/10	▲ DOE Approval Process -XCS Diffractometer Cntrl																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
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CD 18130	AWARD: XCS Diffractometer Controls	1	0	304	54,609.00	59,523.81	03/25/10	03/25/10													X AWARD: XCS Diffractometer Controls																																			
CD 18140	Vendor Fab - XCS Diffractometer Controls	30	0	304	54,609.00	59,523.81	03/26/10	05/06/10													Vendor Fab - XCS Diffractometer Controls																																			
CD 18145	RCV: All XCS Diffractometer Control Parts	0	0	304	0.00	0.00		05/06/10													RCV: All XCS Diffractometer Control Parts																																			
05 Fab / Assembly																																																								
CD 18180	Fab/Delvr XCS Diffractometer Controls	40	0	304	60.00	3,986.40	05/07/10	07/01/10													Fab/Delvr XCS Diffractometer Controls																																			
CD 18220	AVAIL: XCS Diffractometer Controls Hardware	0	0	304	0.00	0.00		07/01/10													AVAIL: XCS Diffractometer Controls Hardware																																			
CD 18240	AVAIL: XCS Diffractometer Controls Software	0	0	304	0.00	0.00		07/01/10													AVAIL: XCS Diffractometer Controls Software																																			
1.6.05.03.14 XCS H4 Large Angle Detector Stage Controls																																																								
02 Design / Engineering																																																								
CD 18280	Design XCS Large Angle Detector Stage Controls	80	0	164	20.00	2,426.60	03/04/10	06/23/10													Design XCS Large Angle Detector Stage Controls																																			
CD 18285	COMP:Design XCS Large Angle Detector Stage Cntrl	0	0	164	0.00	0.00		06/23/10													COMP:Design XCS Large Angle Detector Stage Cntrl																																			
CD 18300	FDR - XCS Large Angle Detector Stage Cntrls	1	0	164	5.00	606.65	06/24/10	06/24/10													FDR - XCS Large Angle Detector Stage Cntrls																																			
CD 18360	Develop SW XCS Large Angle Detector Stage Cntrl	90	0	164	120.00	10,778.30	06/25/10	10/28/10													Develop SW XCS Large Angle Detector Stage Cntrl																																			
CD 18400	Prepare Docs XCS Large Angle Detectr Stage Cntrl	20	0	164	10.00	920.10	10/29/10	11/29/10													Prepare Docs XCS Large Angle Detectr Stage Cntrl																																			
03 Procurement																																																								
CD 18325	Prep Bid Pkg & App - XCS Large Angle Detector	30	0	173	0.00	0.00	06/25/10	08/05/10													Prep Bid Pkg & App - XCS Large Angle Detector																																			
CD 18330	AWARD: XCS Large Angle Detector Stage Cntrl	1	0	173	24,441.00	26,640.69	08/06/10	08/06/10													AWARD: XCS Large Angle Detector Stage Cntrl																																			
CD 18340	Vendor Fab -XCS Large Angle Detector Stage Cntrl	30	0	173	24,441.00	26,640.69	08/09/10	09/17/10													Vendor Fab -XCS Large Angle Detector Stage Cntrl																																			
CD 18345	RCV: All XCS Large Angle Detector Parts	0	0	173	0.00	0.00		09/17/10													RCV: All XCS Large Angle Detector Parts																																			
05 Fab / Assembly																																																								
CD 18380	Fab/Delvr XCS Large Angle Detector Stage Cntrl	40	0	173	30.00	2,054.81	09/20/10	11/12/10													Fab/Delvr XCS Large Angle Detector Stage Cntrl																																			
CD 18420	AVAIL: XCS Large Angle Detector Stage Cntrls HW	0	0	164	0.00	0.00		11/29/10													AVAIL: XCS Large Angle Detector Stage Cntrls HW																																			
CD 18440	AVAIL: XCS Large Angle Detector Stage Cntrls SW	0	0	164	0.00	0.00		11/29/10													AVAIL: XCS Large Angle Detector Stage Cntrls SW																																			
1.6.05.03.15 XCS H4 Pulse Picker Controls																																																								
02 Design / Engineering																																																								
CD 21000	Design XCS Pulse Picker Controls	80	0	288	0.00	0.00	08/04/09	11/23/09													Design XCS Pulse Picker Controls																																			
CD 21010	COMP: Design XCS Pulse Picker Controls	0	0	288	0.00	0.00		11/23/09													COMP: Design XCS Pulse Picker Controls																																			
CD 21020	FDR - XCS Pulse Picker Controls	1	0	288	0.00	0.00	11/24/09	11/24/09													FDR - XCS Pulse Picker Controls																																			
CD 21030	Develop Software XCS Pulse Picker Controls	80	0	334	0.00	0.00	11/25/09	04/01/10													Develop Software XCS Pulse Picker Controls																																			
04 Subcontract																																																								
CD 21040	Prep Bid Pkg & App - XCS Pulse Picker Cntrl	30	0	288	0.00	0.00	11/25/09	01/21/10													Prep Bid Pkg & App - XCS Pulse Picker Cntrl																																			
CD 21050	RELEASE: RFP - XCS Pulse Picker Cntrl	0	0	288	0.00	0.00		01/21/10													RELEASE: RFP - XCS Pulse Picker Cntrl																																			
CD 21060	Vendor Proposal Effort - XCS Pulse Picker Cntrl	20	0	288	0.00	0.00	01/22/10	02/18/10													Vendor Proposal Effort - XCS Pulse Picker Cntrl																																			
CD 21070	RCV: Vendor Proposals - XCS Pulse Picker Cntrl	0	0	288	0.00	0.00		02/18/10													RCV: Vendor Proposals - XCS Pulse Picker Cntrl																																			
CD 21080	Eval & Selection Process -XCS Pulse Picker Cntrl	15	0	288	0.00	0.00	02/19/10	03/11/10													Eval & Selection Process -XCS Pulse Picker Cntrl																																			

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12												
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CD 19135	AVAIL: Beam Transport to FEH Valve Controls HW	0	0	168	0.00	0.00		01/25/11																																																	◆ AVAIL: Beam Transport to FEH Valve Controls HW
CD 19140	AVAIL: Beam Transport to FEH Valve Controls SW	0	0	168	0.00	0.00		01/25/11																																																	◆ AVAIL: Beam Transport to FEH Valve Controls SW
1.6.05.04.02 XCS BT to FEH Vacuum Controls																																																									
02 Design / Engineering																																																									
CD 19145	Design Beam Transport to FEH Vacuum Controls	80	0	133	5.00	606.65	03/04/10	06/23/10	 Design Beam Transport to FEH Vacuum Controls																																																
CD 19147	COMP: Design Beam Transport to FEH Vacuum Cntrl	0	0	133	0.00	0.00		06/23/10	◆ COMP: Design Beam Transport to FEH Vacuum Cntrl																																																
CD 19150	FDR - Beam Transport to FEH Vacuum Controls	1	0	133	0.00	0.00	06/24/10	06/24/10	 FDR - Beam Transport to FEH Vacuum Controls																																																
CD 19180	Develop SW Beam Transport to FEH Vacuum Controls	80	0	189	40.00	3,570.31	06/25/10	10/14/10	 Develop SW Beam Transport to FEH Vacuum Controls																																																
CD 19190	Prepare Docs Beam Transport to FEH Vacuum Cntrl	40	0	189	10.00	920.10	10/15/10	12/13/10	 Prepare Docs Beam Transport to FEH Vacuum Cntrl																																																
04 Subcontract																																																									
CD 19155	Prep Bid Pkg & App - Beam Transport Vacuum	30	0	133	0.00	0.00	06/25/10	08/05/10	 Prep Bid Pkg & App - Beam Transport Vacuum																																																
CD 19156	RELEASE: RFP - XCS Beam Transport Vacuum	0	0	133	0.00	0.00		08/05/10	◆ RELEASE: RFP - XCS Beam Transport Vacuum																																																
CD 19157	Vendor Proposal Effort-XCS Beam Transport Vacuum	20	0	133	0.00	0.00	08/06/10	09/02/10	 Vendor Proposal Effort-XCS Beam Transport Vacuum																																																
CD 19158	RCV: Vendor Proposals - XCS Beam Transp Vacuum	0	0	133	0.00	0.00		09/02/10	◆ RCV: Vendor Proposals - XCS Beam Transp Vacuum																																																
CD 19159	Eval & Selection Process -XCS Beam Transport Vac	15	0	133	0.00	0.00	09/03/10	09/23/10	 Eval & Selection Process -XCS Beam Transport Vac																																																
CD 19160	Vendor Selection - XCS Beam Transport Vacuum	0	0	133	0.00	0.00		09/23/10	◆ Vendor Selection - XCS Beam Transport Vacuum																																																
CD 19161	SLAC Approval Process -XCS Beam Transport Vacuum	5	0	133	0.00	0.00	09/24/10	09/30/10	 SLAC Approval Process -XCS Beam Transport Vacuum																																																
CD 19162	DOE Approval Process -XCS Beam Transport Vacuum	5	0	133	0.00	0.00	10/01/10	10/07/10	 DOE Approval Process -XCS Beam Transport Vacuum																																																
CD 19165	AWARD: Beam Transport to FEH Vacuum Controls	1	0	133	82,620.00	92,534.40	10/08/10	10/08/10	 AWARD: Beam Transport to FEH Vacuum Controls																																																
CD 19170	Vendor Fab - Beam Transport to FEH Vacuum Cntrls	60	0	133	82,620.00	92,534.40	10/11/10	01/18/11	 Vendor Fab - Beam Transport to FEH Vacuum Cntrls																																																
CD 19175	RCV: All Beam Transport to FEH Vacuum Parts	0	0	133	0.00	0.00		01/18/11	◆ RCV: All Beam Transport to FEH Vacuum Parts																																																
05 Fab / Assembly																																																									
CD 19185	Fab/Delvr Beam Transport to FEH Vacuum Controls	40	0	133	40.00	2,763.60	01/19/11	03/15/11	 Fab/Delvr Beam Transport to FEH Vacuum Controls																																																
CD 19195	AVAIL: Beam Transport to FEH Vacuum Controls HW	0	0	133	0.00	0.00		03/15/11	◆ AVAIL: Beam Transport to FEH Vacuum Controls HW																																																
CD 19200	AVAIL: Beam Transport to FEH Vacuum Controls SW	0	0	133	0.00	0.00		03/15/11	◆ AVAIL: Beam Transport to FEH Vacuum Controls SW																																																
1.6.05.04.03 XCS BT to FEH Pop-In Profile Monitor Controls																																																									
02 Design / Engineering																																																									
CD 19205	Design Beam Transport Pop-In PM Cntrl	80	0	169	5.00	599.40	08/03/09	11/20/09	 Design Beam Transport Pop-In PM Cntrl																																																
CD 19207	COMP: Design Beam Transport Pop-In PM Cntrl	0	0	169	0.00	0.00		11/20/09	◆ COMP: Design Beam Transport Pop-In PM Cntrl																																																
CD 19210	FDR - Beam Transport Pop-In Profile Mon Cntrl	1	0	169	0.00	0.00	11/23/09	11/23/09	 FDR - Beam Transport Pop-In Profile Mon Cntrl																																																
CD 19240	Develop SW Beam Transport Pop-In PM Cntrl	80	0	215	20.00	1,769.40	11/24/09	03/31/10	 Develop SW Beam Transport Pop-In PM Cntrl																																																
CD 19250	Prepare Docs Beam Transport Pop-In PM Cntrl	20	0	215	15.00	1,327.05	04/01/10	04/28/10	 Prepare Docs Beam Transport Pop-In PM Cntrl																																																
04 Subcontract																																																									
CD 19215	Prep Bid Pkg & App - XCS Beam Transp Pop-In PM	30	0	169	0.00	0.00	11/24/09	01/20/10	 Prep Bid Pkg & App - XCS Beam Transp Pop-In PM																																																

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J												D J F M A M J J A S O N D J F M A M J											
05 Fab / Assembly																																																								
CD 19305	Fab/Delvr Beam Transport Pop-In IM Cntrl	40	0	189	20.00	1,328.80	05/07/10	07/01/10																									▲ Fab/Delvr Beam Transport Pop-In IM Cntrl																							
CD 19315	AVAIL: Beam Transport Pop-In IM Cntrl H/W	0	0	189	0.00	0.00		07/01/10																									◆ AVAIL: Beam Transport Pop-In IM Cntrl H/W																							
CD 19320	AVAIL: Beam Transport Pop-In IM Cntrl S/W	0	0	189	0.00	0.00		07/01/10																									◆ AVAIL: Beam Transport Pop-In IM Cntrl S/W																							
1.6.05.04.05 XCS BT to FEH Intensity-Position Monitor Control																																																								
02 Design / Engineering																																																								
CD 19325	Design Beam Transport Intensity PM Cntrl	80	0	189	5.00	599.40	08/03/09	11/20/09	▲ Design Beam Transport Intensity PM Cntrl																																															
CD 19327	COMP: Design Beam Transport Intensity PM Cntrl	0	0	189	0.00	0.00		11/20/09													◆ COMP: Design Beam Transport Intensity PM Cntrl																																			
CD 19330	FDR - Beam Transport Intensity PM Cntrl	1	0	189	0.00	0.00	11/23/09	11/23/09	✖ FDR - Beam Transport Intensity PM Cntrl																																															
CD 19360	Develop SW Beam Transport Intensity PM Cntrl	80	0	235	20.00	1,769.40	11/24/09	03/31/10	▲ Develop SW Beam Transport Intensity PM Cntrl																																															
CD 19370	Prepare Docs Beam Transport Intensity PM Cntrl	20	0	235	15.00	1,327.05	04/01/10	04/28/10	▲ Prepare Docs Beam Transport Intensity PM Cntrl																																															
04 Subcontract																																																								
CD 19335	Prep Bid Pkg & App - Beam Transp Intensity PM	30	0	189	0.00	0.00	11/24/09	01/20/10	▲ Prep Bid Pkg & App - Beam Transp Intensity PM																																															
CD 19336	RELEASE: RFP - XCS Beam Transp Intensity PM	0	0	189	0.00	0.00		01/20/10													◆ RELEASE: RFP - XCS Beam Transp Intensity PM																																			
CD 19337	Vendor Proposal Effort-XCS BT Intensity PM	20	0	189	0.00	0.00	01/21/10	02/17/10	▲ Vendor Proposal Effort-XCS BT Intensity PM																																															
CD 19338	RCV: Vendor Proposals - XCS BT Intensity PM	0	0	189	0.00	0.00		02/17/10													◆ RCV: Vendor Proposals - XCS BT Intensity PM																																			
CD 19339	Eval & Selection Process -XCS BT Intensity PM	15	0	189	0.00	0.00	02/18/10	03/10/10	▲ Eval & Selection Process -XCS BT Intensity PM																																															
CD 19340	Vendor Selection - XCS BT Intensity PM	0	0	189	0.00	0.00		03/10/10													◆ Vendor Selection - XCS BT Intensity PM																																			
CD 19341	SLAC Approval Process -XCS BT Intensity PM	5	0	189	0.00	0.00	03/11/10	03/17/10	▲ SLAC Approval Process -XCS BT Intensity PM																																															
CD 19342	DOE Approval Process -XCS BT Intensity PM	5	0	189	0.00	0.00	03/18/10	03/24/10	▲ DOE Approval Process -XCS BT Intensity PM																																															
CD 19345	AWARD: Beam Transport Intensity PM Controls	1	0	189	56,798.00	61,909.82	03/25/10	03/25/10	✖ AWARD: Beam Transport Intensity PM Controls																																															
CD 19350	Vendor Fab - Beam Transport Intensity PM Cntrl	30	0	189	56,798.00	61,909.82	03/26/10	05/06/10	▲ Vendor Fab - Beam Transport Intensity PM Cntrl																																															
CD 19355	RCV: All Beam Transport Intensity PM Parts	0	0	189	0.00	0.00		05/06/10													◆ RCV: All Beam Transport Intensity PM Parts																																			
05 Fab / Assembly																																																								
CD 19365	Fab/Delvr Beam Transport Intensity PM Cntrl	40	0	189	30.00	1,993.20	05/07/10	07/01/10	▲ Fab/Delvr Beam Transport Intensity PM Cntrl																																															
CD 19375	AVAIL: Beam Transport Intensity PM Cntrl HW	0	0	189	0.00	0.00		07/01/10													◆ AVAIL: Beam Transport Intensity PM Cntrl HW																																			
CD 19380	AVAIL: Beam Transport Intensity PM Cntrl SW	0	0	189	0.00	0.00		07/01/10													◆ AVAIL: Beam Transport Intensity PM Cntrl SW																																			
1.6.05.04.06 XCS BT to FEH Monochromator Controls																																																								
02 Design / Engineering																																																								
CD 03100	Design Monochromator Controls	10	10	261	15.00	1,750.05	04/20/09A	06/01/09	▲ Design Monochromator Controls																																															
CD 03105	COMP: Design Monochromator Controls	0	0	261	0.00	0.00		06/01/09													◆ COMP: Design Monochromator Controls																																			
CD 03120	FDR - Final Design Review Monochromator Controls	1	0	261	5.00	583.35	06/02/09	06/02/09	✖ FDR - Final Design Review Monochromator Controls																																															
CD 03140	COMP: FDR for Monochromator Controls	0	0	261	0.00	0.00		06/02/09													◆ COMP: FDR for Monochromator Controls																																			
CD 03180	Develop Software Monochromator Controls	200	0	261	35.00	3,071.82	06/03/09	03/25/10	▲ Develop Software Monochromator Controls																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
CD 03220	Prepare Docs Monochromator Controls	30	0	261	5.00	442.35	03/26/10	05/06/10	Prepare Docs Monochromator Controls																																															
03 Procurement																																																								
CD 03145	Prep Bid Pkg & App - Monochromator Controls	30	0	390	0.00	0.00	06/03/09	07/14/09	Prep Bid Pkg & App - Monochromator Controls																																															
CD 03150	AWARD: Monochromator Controls	1	0	312	19,945.00	21,740.05	11/02/09	11/02/09	AWARD: Monochromator Controls																																															
CD 03160	Vendor Fab - Monochromator Controls	30	0	312	19,945.00	21,740.05	11/03/09	12/16/09	Vendor Fab - Monochromator Controls																																															
CD 03165	RCV: All Parts - XCS Mono Controls	0	0	312	0.00	0.00		12/16/09	RCV: All Parts - XCS Mono Controls																																															
05 Fab / Assembly																																																								
CD 03200	Fab/Delvr Monochromator Controls	40	0	312	30.00	1,993.20	12/17/09	02/24/10	Fab/Delvr Monochromator Controls																																															
CD 03240	AVAIL: Monochromator Controls Hardware	0	0	261	0.00	0.00		05/06/10	AVAIL: Monochromator Controls Hardware																																															
CD 03260	AVAIL: Monochromator Controls Software	0	0	261	0.00	0.00		05/06/10	AVAIL: Monochromator Controls Software																																															
1.6.05.04.07 XCS BT to FEH X-Ray Focusing Lens Controls																																																								
02 Design / Engineering																																																								
CD 19445	Design Beam Transport XFL Controls	80	0	216	80.00	9,590.37	08/03/09	11/20/09	Design Beam Transport XFL Controls																																															
CD 19447	COMP: Design Beam Transport XFL Controls	0	0	216	0.00	0.00		11/20/09	COMP: Design Beam Transport XFL Controls																																															
CD 19450	FDR - Beam Transport XFL Controls	1	0	216	15.00	1,819.95	11/23/09	11/23/09	FDR - Beam Transport XFL Controls																																															
CD 19480	Develop Software Beam Transport XFL Controls	90	0	216	340.00	30,079.80	11/24/09	04/14/10	Develop Software Beam Transport XFL Controls																																															
CD 19490	Prepare Docs Beam Transport XFL Controls	20	0	216	20.00	1,769.40	04/15/10	05/12/10	Prepare Docs Beam Transport XFL Controls																																															
03 Procurement																																																								
CD 19460	Prep Bid Pkg & App - Beam Transport XFL Cntrl	30	0	225	0.00	0.00	11/24/09	01/20/10	Prep Bid Pkg & App - Beam Transport XFL Cntrl																																															
CD 19465	AWARD: Beam Transport XFL Controls	1	0	225	14,516.00	15,822.44	01/21/10	01/21/10	AWARD: Beam Transport XFL Controls																																															
CD 19470	Vendor Fab - Beam Transport XFL Controls	30	0	225	14,516.00	15,822.44	01/22/10	03/04/10	Vendor Fab - Beam Transport XFL Controls																																															
CD 19475	RCV: All Beam Transport XFL Control Parts	0	0	225	0.00	0.00		03/04/10	RCV: All Beam Transport XFL Control Parts																																															
05 Fab / Assembly																																																								
CD 19485	Fab/Delvr Beam Transport XFL Controls	40	0	225	30.00	1,993.20	03/05/10	04/29/10	Fab/Delvr Beam Transport XFL Controls																																															
CD 19495	AVAIL: Beam Transport XFL Controls Hardware	0	0	216	0.00	0.00		05/12/10	AVAIL: Beam Transport XFL Controls Hardware																																															
CD 19500	AVAIL: Beam Transport XFL Controls Software	0	0	216	0.00	0.00		05/12/10	AVAIL: Beam Transport XFL Controls Software																																															
1.6.05.04.08 XCS BT to FEH Split and Delay Controls																																																								
02 Design / Engineering																																																								
CD 19505	Design Beam Transport Split and Delay Controls	80	0	169	40.00	4,853.20	03/04/10	06/23/10	Design Beam Transport Split and Delay Controls																																															
CD 19507	COMP: Design Beam Transport Split & Delay Cntrl	0	0	169	0.00	0.00		06/23/10	COMP: Design Beam Transport Split & Delay Cntrl																																															
CD 19515	FDR - Beam Transport Split and Delay Controls	1	0	169	10.00	1,213.30	06/24/10	06/24/10	FDR - Beam Transport Split and Delay Controls																																															
CD 19545	Develop SW Beam Transport Split & Delay Controls	100	0	169	220.00	19,845.01	06/25/10	11/11/10	Develop SW Beam Transport Split & Delay Controls																																															
CD 19555	Prepare Docs Beam Transport Split & Delay Cntrl	40	0	169	40.00	3,680.40	11/12/10	01/24/11	Prepare Docs Beam Transport Split & Delay Cntrl																																															
03 Procurement																																																								
CD 19525	Prep Bid Pkg & App - Beam Transp Split & Delay	40	0	198	0.00	0.00	06/25/10	08/19/10	Prep Bid Pkg & App - Beam Transp Split & Delay																																															

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09												FY10												FY11												FY12											
									D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J					
CD 19530	AWARD: Beam Transp Split & Delay Cntrls	1	0	198	0.00	0.00	08/20/10	08/20/10																									AWARD: Beam Transp Split & Delay Cntrls																							
CD 19535	Vendor Fab - Beam Transp Split & Delay Cntrls	30	0	198	0.00	0.00	08/23/10	10/01/10																									Vendor Fab - Beam Transp Split & Delay Cntrls																							
CD 19540	RCV: All Beam Transport Split & Delay Parts	0	0	198	0.00	0.00		10/01/10																									RCV: All Beam Transport Split & Delay Parts																							
05 Fab / Assembly																																																								
CD 19550	Fab/Delvr Beam Transport Split & Delay Controls	40	0	198	100.00	6,909.00	10/04/10	11/30/10																									Fab/Delvr Beam Transport Split & Delay Controls																							
CD 19560	AVAIL: Beam Transport Split & Delay Controls HW	0	0	169	0.00	0.00		01/24/11																									AVAIL: Beam Transport Split & Delay Controls HW																							
CD 19565	AVAIL: Beam Transport Split & Delay Controls SW	0	0	169	0.00	0.00		01/24/11																									AVAIL: Beam Transport Split & Delay Controls SW																							
1.6.05.04.09 XCS Beam Transport to FEH System Integration Tes																																																								
02 Design / Engineering																																																								
CD 19570	Design Beam Transport to FEH Sys Integ Test	80	0	269	40.00	4,853.20	03/04/10	06/23/10																									Design Beam Transport to FEH Sys Integ Test																							
CD 19572	COMP:Design Beam Transport to FEH Sys Integ Test	0	0	269	0.00	0.00		06/23/10																									COMP:Design Beam Transport to FEH Sys Integ Test																							
CD 19575	FDR - Beam Transport to FEH Syst Intg Test	1	0	269	10.00	1,213.30	06/24/10	06/24/10																									FDR - Beam Transport to FEH Syst Intg Test																							
06 Testing																																																								
CD 19585	Perform Beam Transport to FEH Syst Intg Test	20	0	269	130.00	11,501.10	06/25/10	07/22/10																									Perform Beam Transport to FEH Syst Intg Test																							
CD 19590	Prepare Docs Beam Transport to FEH Syst Intg Tes	20	0	269	20.00	1,769.40	07/23/10	08/19/10																									Prepare Docs Beam Transport to FEH Syst Intg Tes																							
CD 19595	AVAIL: Beam Transport to FEH Syst Intg Test	0	0	269	0.00	0.00		08/19/10																									AVAIL: Beam Transport to FEH Syst Intg Test																							
1.6.06.01 Data Format and API																																																								
02 Design / Engineering																																																								
CD 19600	Design Data Format and Data API	40	0	17	150.00	17,500.50	06/25/09	08/19/09																									Design Data Format and Data API																							
CD 19605	PDR - Prelim Design Rev - Data Format & API	1	0	17	0.00	0.00	08/20/09	08/20/09																									PDR - Prelim Design Rev - Data Format & API																							
CD 19610	Incorporate PDR Data Format & API Changes	60	0	17	150.00	18,021.26	08/21/09	11/12/09																									Incorporate PDR Data Format & API Changes																							
CD 19615	FDR - Data Format and API	1	0	17	0.00	0.00	11/12/09	11/12/09																									FDR - Data Format and API																							
CD 19620	Develop Software for Reading Data Format & API	75	0	17	200.00	24,266.00	11/13/09	03/15/10																									Develop Software for Reading Data Format & API																							
CD 19625	Initial Installation of Data Format and API	0	0	17	0.00	0.00		03/15/10																									Initial Installation of Data Format and API																							
CD 19630	End-to-end Test of Data Format "Data Challenge"	40	0	17	100.00	8,847.00	03/16/10	05/10/10																									End-to-end Test of Data Format "Data Challenge"																							
CD 19635	Document Data Format and API	40	0	17	147.00	13,005.09	05/11/10	07/05/10																									Document Data Format and API																							
CD 19640	Ready for Operations	0	0	17	0.00	0.00		07/05/10																									Ready for Operations																							
1.6.06.02 Data Catalog / Metadata Management																																																								
02 Design / Engineering																																																								
CD 19650	Investigate Requirements for Data Catalog, Metad	50	0	60	200.00	23,334.00	06/25/09	09/02/09																									Investigate Requirements for Data Catalog, Metad																							
CD 19655	Design Data Catalog / Metadata	80	0	60	200.00	24,191.44	09/03/09	01/08/10																									Design Data Catalog / Metadata																							
CD 19660	PDR - Prelim Design Rev - Data Catalog/Meta Mgmt	1	0	60	0.00	0.00	01/11/10	01/11/10																									PDR - Prelim Design Rev - Data Catalog/Meta Mgmt																							
CD 19665	Incorporate Data Catalog/Metadata PDR changes	40	0	60	160.00	19,412.80	01/12/10	03/08/10																									Incorporate Data Catalog/Metadata PDR changes																							
CD 19670	Security Review of Data Catalog / Metadata Manag	20	0	60	40.00	4,853.20	03/09/10	04/05/10																									Security Review of Data Catalog / Metadata Manag																							

Activity ID	Activity Description	Orig Dur	% Comp	Total Float	Budgeted Quantity	Budgeted Cost	Early Start	Early Finish	FY09				FY10				FY11				FY12																															
									D	J	F	M	D	J	F	M	D	J	F	M	D	J	F	M																												
									A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N																								
CD 19770	Ready For Operations	0	0	106	0.00	0.00		04/21/11																																												
									◆ Ready For Operations																																											