

Activity ID	Activity Description	Orig Dur	Total Float	Early Start	Early Finish	Late Start	Late Finish	Resource ID	Budgeted Quantity	FY08												FY09												FY10												FY11												FY12																																															
CXI 01225	Engineering Integration & Support Rem FY09	226*	65	11/01/08A	09/30/09	11/01/08A	01/15/10	SL_MEE	1,149.99													↓												Engineering Integration & Support Rem FY09																																																																							
CXI 01240	Engineering Integration & Support FY10	249	65	10/01/09	09/30/10	01/18/10	01/17/11	SL_MEE	747.00																									↓												Engineering Integration & Support FY10																																																											
CXI 01260	Engineering Integration & Support FY11	249	65	10/01/10	09/30/11	01/18/11	01/16/12	SL_MEE	747.00																																					↓												Engineering Integration & Support FY11																																															
CXI 01280	Engineering Integration & Support FY12	116	65	10/03/11	03/30/12	01/17/12	06/29/12	SL_MEE	116.00																																																	↓												Engineering Integration & Support FY12																																			
CXI 01310	Lab Supplies FY08-Q3 & Q4	131		04/01/08A	09/30/08A	04/01/08A	09/30/08A	SL_MSCS	0.00	↓												Lab Supplies FY08-Q3 & Q4																																																																																			
CXI 01315	Lab Supplies Oct08	249		10/01/08A	10/31/08A	10/01/08A	10/31/08A	SL_MSCS	0.00	↓												Lab Supplies Oct08																																																																																			
CXI 01320	Lab Supplies Rem FY09	226*	65	11/03/08A	09/30/09	11/03/08A	01/15/10	SL_MSCS	9,076.31													↓												Lab Supplies Rem FY09																																																																							
CXI 01340	Lab Supplies FY10	249	65	10/01/09	09/30/10	01/18/10	01/17/11	SL_MSCS	4,000.00																									↓												Lab Supplies FY10																																																											
CXI 01360	Lab Supplies FY11	249	65	10/01/10	09/30/11	01/18/11	01/16/12	SL_MSCS	4,000.00																																					↓												Lab Supplies FY11																																															
CXI 01380	Lab Supplies FY12	116	65	10/03/11	03/30/12	01/17/12	06/29/12	SL_MSCS	3,000.00																																																	↓												Lab Supplies FY12																																			
CXI 01410	Vendor Visits FY08-Q3 & Q4	131		04/01/08A	09/30/08A	04/01/08A	09/30/08A	SL_TRVL	0.00	↓												Vendor Visits FY08-Q3 & Q4																																																																																			
CXI 01415	Vendor Visits Oct08	249*		10/01/08A	10/31/08A	10/01/08A	10/31/08A	SL_TRVL	0.00	↓												Vendor Visits Oct08																																																																																			
CXI 01420	Vendor Visits Rem FY09	226*	65	11/01/08A	09/30/09	11/01/08A	01/15/10	SL_TRVL	14,958.45													↓												Vendor Visits Rem FY09																																																																							
CXI 01440	Vendor Visits FY10	249	65	10/01/09	09/30/10	01/18/10	01/17/11	SL_TRVL	12,000.00																									↓												Vendor Visits FY10																																																											
CXI 01460	Vendor Visits FY11	249	65	10/01/10	09/30/11	01/18/11	01/16/12	SL_TRVL	9,000.00																																					↓												Vendor Visits FY11																																															
CXI 01480	Vendor Visits FY12	116	65	10/03/11	03/30/12	01/17/12	06/29/12	SL_TRVL	3,000.00																																																	↓												Vendor Visits FY12																																			
CXI 05710	FDR - Fnl Dsn Review - Cornell Detector Packagng	1	236	03/06/09	03/06/09*	02/17/10	02/17/10		0.00													↓												FDR - Fnl Dsn Review - Cornell Detector Packagng																																																																							
CXI 09775	Radiation Physics Support FY10 - CXI Instrument	249	65	10/01/09	09/30/10	01/18/10	01/17/11	SL_PHSS	657.00																									↓												Radiation Physics Support FY10 - CXI Instrument																																																											
CXI 09780	Generate Radiation Physics Doc - CXI Instrument	6		10/01/08A	10/08/08A	10/01/08A	10/08/08A	SL_MEE, SL_PHSS	80.00	↓												Generate Radiation Physics Doc - CXI Instrument																																																																																			
CXI 09790	Submit Radiation Physics Doc - CXI Instrument	0			10/08/08A		10/08/08A		0.00													↓												Submit Radiation Physics Doc - CXI Instrument																																																																							
CXI 09820	Prep for Radiation Physics Review - CXI Instrum	10		10/09/08A	10/22/08A	10/09/08A	10/22/08A	SL_PHSS, SL_MEE	100.00	↓												Prep for Radiation Physics Review - CXI Instrum																																																																																			
CXI 09840	Radiation Physics Review - CXI Instrument	0			10/22/08A		10/22/08A		0.00													↓												Radiation Physics Review - CXI Instrument																																																																							
CXI 30020	CXI Design Support FY08-Q3 & Q4	131		04/01/08A	09/30/08A	04/01/08A	09/30/08A	SL_MD	0.00	↓												CXI Design Support FY08-Q3 & Q4																																																																																			
CXI 30025	CXI Design Support Oct08	249*		10/01/08A	10/31/08A	10/01/08A	10/31/08A	SL_MD	0.00	↓												CXI Design Support Oct08																																																																																			
CXI 30030	CXI Design Support Rem FY09	226*	65	11/03/08A	09/30/09	11/03/08A	01/15/10	SL_MD	862.25													↓												CXI Design Support Rem FY09																																																																							
CXI 30040	CXI Design Support FY10	249	65	10/01/09	09/30/10	01/18/10	01/17/11	SL_MD	498.00																									↓												CXI Design Support FY10																																																											
CXI 30050	CXI Design Support FY11	249	65	10/01/10	09/30/11	01/18/11	01/16/12	SL_MD	249.00																																					↓												CXI Design Support FY11																																															
CXI 30060	CXI Design Support FY12	116	43	11/02/11	05/01/12	01/17/12	06/29/12	SL_MD	247.00																																																	↓												CXI Design Support FY12																																			
1.3.02.01 CXI KB System (0.1 micron)																																																																																																									
9110321 Design & Engr - CXI KB (.1 micron)																																																																																																									
CXI 01500	START: CXI KB System 0.1 um (CXI KB 0.1 Sys)	0		01/01/08A		01/01/08A			0.00	↓												START: CXI KB System 0.1 um (CXI KB 0.1 Sys)																																																																																			
CXI 01510	Identify Potential Vendors - CXI KB 0.1 Sys	30		01/01/08A	02/13/08A	01/01/08A	02/13/08A		0.00	↓												Identify Potential Vendors - CXI KB 0.1 Sys																																																																																			

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CXI 01900	Vendor Fab - Long Lead CXI KB 0.1 Sys	340	189	06/02/09	10/06/10	03/10/10	07/14/11	SL_MSSY	905,000.00																
CXI 01905	PDR - Vendor Design Review - CXI KB 0.1 Sys	1	189	10/01/09	10/01/09	07/09/10	07/09/10		0.00																
CXI 01910	FDR - Vendor Design Review - CXI KB 0.1 Sys	1	238	01/20/10	01/20/10	01/05/11	01/05/11		0.00																
CXI 01912	RCV: Long Lead CXI KB 0.1 Sys	0	204		10/06/10		08/04/11		0.00																
CXI 01914	Prep Bid Pkg & App - Metrology CXI KB 0.1 Sys	15	238	01/21/10	02/10/10	01/06/11	01/26/11		0.00																
CXI 01916	RELEASE: RFP - Metrology CXI KB 0.1 Sys	0	328		02/10/10		06/01/11		0.00																
CXI 01918	Vendor Proposal Effort Metrology CXI KB 0.1 Sys	20	328	02/11/10	03/10/10	06/02/11	06/29/11		0.00																
CXI 01920	RCV: Vendor Proposals Metrology CXI KB 0.1 Sys	0	328		03/10/10		06/29/11		0.00																
CXI 01922	Eval & Selection Proces-Metrology CXI KB 0.1 Sys	15	328	03/11/10	03/31/10	06/30/11	07/20/11		0.00																
CXI 01924	Vendor Selection - Metrology CXI KB 0.1 Sys	0	328		03/31/10		07/20/11		0.00																
CXI 01926	SLAC Approval Process - Metrology CXI KB 0.1 Sys	5	328	04/01/10	04/07/10	07/21/11	07/27/11		0.00																
CXI 01928	DOE Approval Process - Metrology CXI KB 0.1 Sys	5	328	04/08/10	04/14/10	07/28/11	08/03/11		0.00																
CXI 01930	AWARD: CXI KB 0.1 System - Mirror Metrology	1	328	04/15/10	04/15/10	08/04/11	08/04/11	AWARD	58,000.00																
CXI 02005	Prep Bid Pkg & App - Coating CXI KB 0.1 Sys	30	238	02/11/10	03/24/10	01/27/11	03/09/11		0.00																
CXI 02010	RELEASE: RFP - Coating CXI KB 0.1 Sys	0	238		03/24/10		03/09/11		0.00																
CXI 02015	Vendor Proposal Effort - Coating CXI KB 0.1 Sys	20	238	03/25/10	04/21/10	03/10/11	04/06/11		0.00																
CXI 02020	RCV: Vendor Proposals - Coating CXI KB 0.1 Sys	0	238		04/21/10		04/06/11		0.00																
CXI 02025	Evaluation/Selection - Coating CXI KB 0.1 Sys	15	238	04/22/10	05/12/10	04/07/11	04/27/11		0.00																
CXI 02030	Vendor Selection - Coating CXI KB 0.1 Sys	0	238		05/12/10		04/27/11		0.00																
CXI 02035	SLAC Approval Process - Coating CXI KB 0.1 Sys	5	238	05/13/10	05/19/10	04/28/11	05/04/11		0.00																
CXI 02040	DOE Approval Process - Coating CXI KB 0.1 Sys	5	238	05/20/10	05/26/10	05/05/11	05/11/11		0.00																
CXI 02045	AWARD: CXI KB 0.1 System Coating	1	238	05/27/10	05/27/10	05/12/11	05/12/11	AWARD	80,000.00																
CXI 02050	Vendor Effort - Coating Prep CXI KB 0.1 Sys	60	238	05/28/10	08/19/10	05/13/11	08/04/11	SL_MSEQ	30,000.00																
CXI 02055	Vendor Effort - Coating CXI KB 0.1 Sys	30	204	10/07/10	11/17/10	08/05/11	09/15/11	SL_MSEQ	50,000.00																
CXI 02060	RCV: Mirror Coating Vendor - CXI KB 0.1 Sys	0	204		11/17/10		09/15/11		0.00																
CXI 02100	Vendor Effort - Metrology CXI KB 0.1 Sys	40	204	10/07/10	12/03/10	08/05/11	09/29/11	SL_MSEQ	58,000.00																
CXI 02105	RCV: Mirror Metrology Vendor - CXI KB 0.1 Sys	0	204		12/03/10		09/29/11		0.00																
9110324 Fab & Assembly - CXI KB (.1 micron)																									
CXI 02110	Assemble by Vendor CXI KB 0.1 Sys	10	204	12/06/10	12/17/10	09/30/11	10/13/11		0.00																
CXI 02120	Functional Test - CXI KB 0.1 Sys	5	204	01/03/11	01/07/11	10/14/11	10/20/11	SL_AT	24.00																
CXI 02140	Submit Shop Orders - CXI KB 0.1 Sys	1	263	08/05/10	08/05/10	08/25/11	08/25/11	SL_MEE	8.00																
CXI 02145	Process MFD Input - CXI KB 0.1 Sys	10	263	08/06/10	08/19/10	08/26/11	09/08/11	SL_MF	40.00																

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CXI 02770	PDR - Vendor Design Review CXI KB 1 Sys	1	42	09/03/09	09/03/09	11/02/09	11/02/09		0.00																
CXI 02775	FDR - Vendor Design Review CXI KB 1 Sys	1	42	12/09/09	12/09/09	02/19/10	02/19/10		0.00																
CXI 02778	REQD: Seismic Review Complete - CXI KB 1 Sys	0	52		11/20/09		02/18/10		0.00																
CXI 02780	RCV: Long Lead CXI KB 1 Sys	0	22		09/09/10		10/11/10		0.00																
CXI 02800	Prep Bid Pkg & App - Metrology CXI KB 1 Sys	30	42	12/10/09	02/03/10	02/22/10	04/02/10		0.00																
CXI 02805	RELEASE: RFP - Metrology CXI KB 1 Sys	0	132		02/03/10		08/06/10		0.00																
CXI 02810	Vendor Proposal Effort - Metrology CXI KB 1 Sys	20	132	02/04/10	03/03/10	08/09/10	09/03/10		0.00																
CXI 02815	RCV: Vendor Proposals - Metrology CXI KB 1 Sys	0	132		03/03/10		09/03/10		0.00																
CXI 02820	Eval & Selection Process - Metrology CXI KB1 Sys	15	132	03/04/10	03/24/10	09/06/10	09/24/10		0.00																
CXI 02825	Vendor Selection - Metrology CXI KB 1 Sys	0	132		03/24/10		09/24/10		0.00																
CXI 02830	SLAC Approval Process - Metrology CXI KB 1 Sys	5	132	03/25/10	03/31/10	09/27/10	10/01/10		0.00																
CXI 02835	DOE Approval Process - Metrology CXI KB 1 Sys	5	132	04/01/10	04/07/10	10/04/10	10/08/10		0.00																
CXI 02850	AWARD: CXI KB 1 System - Mirror Metrology	1	132	04/08/10	04/08/10	10/11/10	10/11/10	AWARD	58,000.00																
CXI 02855	Vendor Effort - Metrology CXI KB 1 Sys	40	22	09/10/10	11/04/10	10/12/10	12/08/10	SL_MSEQ	58,000.00																
CXI 02857	RCV: Mirror Metrology Vendor - CXI KB 1 Sys	0	22		11/04/10		12/08/10		0.00																
CXI 02950	Prep Bid Pkg & App - Coating CXI KB 1 Sys	30	42	02/04/10	03/17/10	04/05/10	05/14/10		0.00																
CXI 02955	RELEASE: RFP - Coating CXI KB 1 Sys	0	42		03/17/10		05/14/10		0.00																
CXI 02960	Vendor Proposal Effort - Coating CXI KB 1 Sys	20	42	03/18/10	04/14/10	05/17/10	06/11/10		0.00																
CXI 02965	RCV: Vendor Proposals - Coating CXI KB 1 Sys	0	42		04/14/10		06/11/10		0.00																
CXI 02970	Evaluation/Selection - Coating CXI KB1 Sys	15	42	04/15/10	05/05/10	06/14/10	07/02/10		0.00																
CXI 02975	Vendor Selection - Coating CXI KB 1 Sys	0	42		05/05/10		07/02/10		0.00																
CXI 02980	SLAC Approval Process - Coating CXI KB 1 Sys	5	42	05/06/10	05/12/10	07/05/10	07/09/10		0.00																
CXI 02985	DOE Approval Process - Coating CXI KB 1 Sys	5	42	05/13/10	05/19/10	07/12/10	07/16/10		0.00																
CXI 02990	AWARD: CXI KB 1 System Coating	1	42	05/20/10	05/20/10	07/19/10	07/19/10	AWARD	80,000.00																
CXI 02992	Vendor Effort - Coating Prep CXI KB 1 Sys	60	42	05/21/10	08/12/10	07/20/10	10/11/10	SL_MSEQ	30,000.00																
CXI 02995	Vendor Effort - Coating CXI KB 1 Sys	30	22	09/10/10	10/21/10	10/12/10	11/22/10	SL_MSEQ	50,000.00																
CXI 03000	RCV: Mirror Coating Vendor - CXI KB 1 Sys	0	22		10/21/10		11/22/10		0.00																
9110329 Fab & Assembly - CXI KB (1 micron)																									
CXI 02860	Assemble by Vendor CXI KB 1 Sys	10	22	11/05/10	11/18/10	12/09/10	01/05/11		0.00																
CXI 02865	Functional Test - CXI KB 1 Sys	5	22	11/19/10	11/29/10	01/06/11	01/12/11	SL_AT	24.00																
CXI 03130	Inspect All Parts - Thermal Encl CXI KB 1 Sys	5	193	06/07/10	06/11/10	03/21/11	03/25/11	SL_AT	36.00																
CXI 03150	Vacuum Process - CXI KB 1 Sys	2	25	11/30/10	12/01/10	01/18/11	01/19/11	SL_AT	16.00																

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CXI 03155	Pre-Survey - CXI KB 1 Sys	5	22	11/30/10	12/06/10	01/13/11	01/19/11	SL_MES	32.00									Pre-Survey - CXI KB 1 Sys		
CXI 03160	Connect Electrical & Controls - CXI KB 1 Sys	6	22	12/07/10	12/14/10	01/20/11	01/27/11	SL_CT, SL_AT	60.00									Connect Electrical & Controls - CXI KB 1 Sys		
9110330 Testing - CXI KB (1 micron)																				
CXI 03170	REQD: KB Mirror System Controls HW & SW	0	22		12/14/10		01/27/11		0.00									REQD: KB Mirror System Controls HW & SW		
CXI 03180	Final Test - CXI KB 1 Sys	4	22	12/15/10	01/03/11	01/28/11	02/02/11	SL_AT, SL_CT	56.00									Final Test - CXI KB 1 Sys		
CXI 03200	AVAIL: Ready For Installation CXI KB 1 Sys	0	22		01/03/11		02/02/11		0.00									AVAIL: Ready For Installation CXI KB 1 Sys		
1.3.03.01 CXI Reference laser																				
9110331 Design & Engr - CXI Reference Laser																				
CXI 03220	START: Reference Laser (CXI Ref Laser)	0		04/01/08A		04/01/08A			0.00									START: Reference Laser (CXI Ref Laser)		
CXI 03240	Generate PRD - CXI Ref Laser	6		04/01/08A	06/23/08A	04/01/08A	06/23/08A	SL_PHS	0.00									Generate PRD - CXI Ref Laser		
CXI 03260	COMP: PRD Released - CXI Ref Laser	0			06/23/08A		06/23/08A		0.00									COMP: PRD Released - CXI Ref Laser		
CXI 03280	Generate ESD (0-80%) - CXI Ref Laser	120		04/01/08A	10/31/08A	04/01/08A	10/31/08A		0.00									Generate ESD (0-80%) - CXI Ref Laser		
CXI 03282	Generate ESD (81-100%) - CXI Ref Laser	10		11/03/08A	11/14/08A	11/03/08A	11/14/08A	SL_MEE	30.00									Generate ESD (81-100%) - CXI Ref Laser		
CXI 03285	COMP: ESD Released - CXI Ref Laser	0			11/30/08A		11/30/08A		0.00									COMP: ESD Released - CXI Ref Laser		
CXI 03286	Apr08 through Sep08 Plan Adjustment	21		09/01/08A	09/30/08A	09/01/08A	09/30/08A	HIST_LBR	14,602.51									Apr08 through Sep08 Plan Adjustment		
CXI 03320	Prelim Design (0-60%) - CXI Ref Laser	132		04/01/08A	10/31/08A	04/01/08A	10/31/08A		0.00									Prelim Design (0-60%) - CXI Ref Laser		
CXI 03322	Prelim Design (61-100%) - CXI Ref Laser	25*		01/26/09A	02/23/09A	01/26/09A	02/23/09A	SL_ME	60.00									Prelim Design (61-100%) - CXI Ref Laser		
CXI 03330	Prelim Engr Analysis - CXI Ref Laser	4		02/09/09A	02/20/09A	02/09/09A	02/20/09A	SL_MEE	40.00									Prelim Engr Analysis - CXI Ref Laser		
CXI 03360	Controls Interface & Integ - CXI Ref Laser	13		02/12/09A	02/16/09A	02/12/09A	02/16/09A	SL_CE	12.00									Controls Interface & Integ - CXI Ref Laser		
CXI 03380	Prep for PDR - CXI Ref Laser	5		02/23/09A	02/27/09A	02/23/09A	02/27/09A	SL_MEE, SL_ME	50.00									Prep for PDR - CXI Ref Laser		
CXI 03400	PDR - Prelim Design Review - CXI Ref Laser	1	114	03/03/09	03/03/09	08/10/09	08/10/09	SL_MEE, SL_ME	8.00									PDR - Prelim Design Review - CXI Ref Laser		
CXI 03440	Final Design - CXI Ref Laser	10	261	03/04/09	03/17/09	03/22/10	04/02/10	SL_ME	40.00									Final Design - CXI Ref Laser		
CXI 03445	Final Engr Analysis - CXI Ref Laser	10	261	03/18/09	03/31/09	04/05/10	04/16/10	SL_MEE	16.00									Final Engr Analysis - CXI Ref Laser		
CXI 03480	Generate Assy & Detail Dwgs - CXI Ref Laser	12	261	04/01/09	04/16/09	04/19/10	05/04/10	SL_ME	80.00									Generate Assy & Detail Dwgs - CXI Ref Laser		
CXI 03500	Prep for FDR - CXI Ref Laser	5	261	04/17/09	04/23/09	05/05/10	05/11/10	SL_ME, SL_MEE	50.00									Prep for FDR - CXI Ref Laser		
CXI 03520	FDR - Final Design Review - CXI Ref Laser	1	261	04/23/09	04/23/09	05/11/10	05/11/10	SL_MEE, SL_ME	8.00									FDR - Final Design Review - CXI Ref Laser		
CXI 03540	Incorp FDR Changes - CXI Ref Laser	12	261	04/24/09	05/11/09	05/12/10	05/27/10	SL_ME	10.00									Incorp FDR Changes - CXI Ref Laser		
CXI 03560	Check & Approve Dwgs - CXI Ref Laser	3	261	05/12/09	05/14/09	05/28/10	06/01/10	SL_MEE, SL_MD, SL_ME	40.00									Check & Approve Dwgs - CXI Ref Laser		
CXI 03570	Generate Mfg Docs - CXI Ref Laser	20	277	05/15/09	06/11/09	06/24/10	07/21/10	SL_MEE	40.00									Generate Mfg Docs - CXI Ref Laser		
9110332 Procurement - CXI Reference Laser																				
CXI 04060	Procurement Preps - All Parts CXI Ref Laser	30	261	05/15/09	06/25/09	06/02/10	07/13/10		0.00									Procurement Preps - All Parts CXI Ref Laser		
CXI 04080	AWARD: PO - All Parts CXI Ref Laser	1	127	01/18/10	01/18/10	07/14/10	07/14/10	AWARD	21,473.00									AWARD: PO - All Parts CXI Ref Laser		
CXI 04100	Vendor Procurement All Parts CXI Ref Laser	40	127	01/19/10	03/15/10	07/15/10	09/08/10	SL_MSEG	21,473.00									Vendor Procurement All Parts CXI Ref Laser		

Activity ID	Activity Description	Orig Dur	Total Float	Early Start	Early Finish	Late Start	Late Finish	Resource ID	Budgeted Quantity	FY08		FY09		FY10		FY11		FY12		
CXI 40443	SLAC Approval Process - CXI Injector	5	228	06/03/10	06/09/10	05/05/11	05/11/11		0.00											
CXI 40446	DOE Approval Process - CXI Injector	5	228	06/10/10	06/16/10	05/12/11	05/18/11		0.00											
CXI 40449	AWARD: Parts - CXI Injector	1	228	06/17/10	06/17/10	05/19/11	05/19/11	AWARD	161,190.00											
CXI 40452	Vendor Effort - CXI Injector	60	228	06/18/10	09/09/10	05/20/11	08/11/11	SL_MSEQ	161,190.00											
CXI 40455	RCV: Parts - CXI Injector	0	228		09/09/10		08/11/11		0.00											
9110344 Fab and Installation - Coherent Imaging Injector																				
CXI 40480	Inspect Procured Parts - Misc CXI Injector	5	223	09/17/10	09/23/10	08/12/11	08/18/11	SL_AT, SL_SEE	45.00											
CXI 40490	Submit Shop Orders - CXI Injector	1	252	04/01/10	04/01/10	04/06/11	04/06/11	SL_MEE	8.00											
CXI 40500	Process MFD Input - CXI Injector	10	252	04/02/10	04/15/10	04/07/11	04/20/11	SL_MF	40.00											
CXI 40510	Machining Processes - CXI Injector	60	252	04/16/10	07/08/10	04/21/11	07/13/11	SL_MF	240.00											
CXI 40530	Welding - CXI Injector	20	252	07/09/10	08/05/10	07/14/11	08/10/11	SL_MF	60.00											
CXI 40550	RCV: Fab Parts CXI Injector	0	252		08/05/10		08/10/11		0.00											
CXI 40570	Inspect Fab Parts - CXI Injector	6	252	08/06/10	08/13/10	08/11/11	08/18/11	SL_AT	40.00											
CXI 40590	Clean - CXI Injector	6	223	09/24/10	10/01/10	08/19/11	08/26/11	SL_MFPC	24.00											
CXI 40610	Assemble Parts - CXI Injector	20	223	10/04/10	10/29/10	08/29/11	09/23/11	SL_CT, SL_AT	200.00											
CXI 40630	Vacuum Process - CXI Injector	15	223	11/01/10	11/19/10	09/26/11	10/14/11	SL_AT	80.00											
9110345 Testing - Coherent Imaging Injector																				
CXI 40650	Alignment - CXI Injector	20	223	11/22/10	01/04/11	10/17/11	11/11/11	SL_PHSS, SL_MES	40.00											
CXI 40670	REQD: CXI Injector HW & SW	0	260		10/27/10		11/11/11		0.00											
CXI 40690	Functional Testing - CXI Injector	30	223	01/05/11	02/15/11	11/14/11	01/09/12	SL_PHSS, SL_AT, SL_PHS, SL_CT	220.00											
CXI 40710	Injector Optimization - CXI Injector	60	223	02/16/11	05/10/11	01/10/12	04/05/12	SL_PHSS, SL_PHS, SL_AT, SL_CT	200.00											
CXI 40730	AVAIL: Ready For Install CXI Injector	0	223		05/10/11		04/05/12		0.00											
1.3.05.01 CXI Room Temperature Environment																				
9100311 CXI Sample Chamber FY07 and FY08-Q1&Q2																				
CXI 04720	START: CXI 1.0um Sample Chamber (SC)	0		12/10/07A		12/10/07A			0.00											
CXI 04740	Generate PRD - CXI 1.0um SC	15		12/10/07A	01/09/08A	12/10/07A	01/09/08A		0.00											
CXI 04760	COMP: PRD Released - CXI 1.0um SC	0			01/09/08A		01/09/08A		0.00											
CXI 04820	Prelim Design - CXI 1.0um SC - Pre B/L	80		01/09/08A	03/31/08A	01/09/08A	03/31/08A	HIST_LBR	32,860.00											
9110207 Design & Engr - CXI Prec Intru Stand - 0.1 Micro																				
CXI_70000	START: CXI 0.1um Precision Instrument Stand	0	363	09/16/09		03/11/11			0.00											
CXI_70010	Revise PRD - CXI 0.1um Prec Instr Std	15	363	09/16/09	10/06/09	03/11/11	03/31/11	SL_PHS	0.00											
CXI_70020	COMP: PRD Released - CXI 0.1um Prec Instr Std	0	363		10/06/09		03/31/11		0.00											
CXI_70030	Revise ESD - CXI 0.1um Prec Instr Std	10	260	03/03/10	03/16/10	03/18/11	03/31/11	SL_MEE, SL_ME	50.00											

Activity ID	Activity Description	Orig Dur	Total Float	Early Start	Early Finish	Late Start	Late Finish	Resource ID	Budgeted Quantity	FY08		FY09		FY10		FY11		FY12		
CXI 05040	FDR - Final Design Review - CXI 1.0um SC	1	68	09/08/09	09/08/09	12/15/09	12/15/09	SL_ME, SL_MEE	8.00											
CXI 05045	Incorp FDR Changes - CXI 1.0um SC	10	68	09/09/09	09/22/09	12/16/09	01/12/10	SL_ME	44.00											
CXI 05050	Prep for Seismic Review - CXI 1.0um SC	10	111	04/16/09	04/29/09	09/18/09	10/01/09	SL_MEE	40.00											
CXI 05055	Seismic Peer Review - CXI 1.0um SC	20	111	04/30/09	05/27/09	10/02/09	10/29/09	SL_MEE	20.00											
CXI 05070	Seismic Review Approval - CXI 1.0um SC	1	111	05/28/09	05/28/09	10/30/09	10/30/09	SL_MEE	4.00											
CXI 05075	COMP: Committee Approval - CXI 1.0um SC	0	111		07/09/09		12/15/09		0.00											
CXI 05080	Check & Approve Dwgs - CXI 1.0um SC	5	68	09/23/09	09/29/09	01/13/10	01/19/10	SL_MD, SL_MEE, SL_ME	460.00											
CXI 05085	Generate Mfg Docs - CXI 1.0um SC	20	68	09/30/09	10/27/09	01/20/10	02/16/10	SL_MEE	80.00											
9110352 Procurement - CXI Sample Chamber & Ion TOF																				
CXI 05960	Procurement Preps - All Parts CXI 1.0um SC	30	173	10/28/09	12/10/09	07/14/10	08/24/10		0.00											
CXI 05980	AWARD: PO - All Parts CXI 1.0um SC	1	157	01/18/10	01/18/10	08/25/10	08/25/10	AWARD	226,520.00											
CXI 06000	Vendor Effort - All Parts CXI 1.0um SC	60	157	01/19/10	04/12/10	08/26/10	11/17/10	SL_MSEQ	226,520.00											
CXI 06020	RCV: All Parts CXI 1.0um SC	0	157		04/12/10		11/17/10		0.00											
9110353 Fab & Assembly - CXI Sample Chamber & Ion TOF																				
CXI 06030	Inspect Procured Parts - CXI 1.0um SC	5	68	08/16/10	08/20/10	11/18/10	11/24/10	SL_SEE, SL_AT	33.00											
CXI 06040	Submit Shop Orders - CXI 1.0um SC	1	190	10/28/09	10/28/09	08/06/10	08/06/10	SL_MEE	8.00											
CXI 06105	Process MFD Input - CXI 1.0um SC	10	190	10/29/09	11/11/09	08/09/10	08/20/10	SL_MF	40.00											
CXI 06110	Machining Processes - CXI 1.0um SC	60	190	11/12/09	02/19/10	08/23/10	11/12/10	SL_MF	426.00											
CXI 06145	RCV: Fab Parts CXI 1.0um SC	0	190		02/19/10		11/12/10		0.00											
CXI 06155	Inspect Fab parts - CXI 1.0um SC	8	190	02/22/10	03/03/10	11/15/10	11/24/10	SL_AT	47.00											
CXI 06160	Vacuum Leak Check - CXI 1.0um SC	10	190	03/04/10	03/17/10	11/29/10	12/10/10	SL_AT	60.00											
CXI 06200	Clean - CXI 1.0um SC	10	68	08/23/10	09/03/10	11/29/10	12/10/10	SL_MFPC	52.00											
CXI 06220	Assemble Parts - CXI 1.0um SC	40	68	09/06/10	10/29/10	12/13/10	02/18/11	SL_AT	223.00											
CXI 06225	Alignment - CXI 1.0um SC	3	68	11/01/10	11/03/10	02/21/11	02/23/11	SL_MES	32.00											
9110354 Testing - CXI Sample Chamber & Ion TOF																				
CXI 06230	REQD: CXI 1.0um SC Environ Controls HW & SW	0	108		09/08/10		02/23/11		0.00											
CXI 06280	Final Test - CXI 1.0um SC	4	68	11/04/10	11/09/10	02/24/11	03/01/11	SL_CT, SL_AT	48.00											
CXI 06300	AVAIL: Ready For Install CXI 1.0um SC	0	68		11/09/10		03/01/11		0.00											
9110355 Design & Engr - CXI Precision Instrument Stand																				
CXI 05120	START: CXI 1.0um Precision Instrument Stand	0		04/01/08A		04/01/08A			0.00											
CXI 05140	Generate PRD - CXI 1.0um Prec Instr Std	15		05/12/08A	06/23/08A	05/12/08A	06/23/08A	SL_PHS	0.00											
CXI 05160	COMP: PRD Released - CXI 1.0um Prec Instr Std	0			06/23/08A		06/23/08A		0.00											
CXI 05161	Apr08 through Sep08 Plan Adjustment	21		09/01/08A	09/30/08A	09/01/08A	09/30/08A	HIST_LBR	167.69											

Activity ID	Activity Description	Orig Dur	Total Float	Early Start	Early Finish	Late Start	Late Finish	Resource ID	Budgeted Quantity	FY08			FY09			FY10			FY11			FY12		
CXI 08550	Procurement Preps - CXI Cable Trays	30	55	11/13/09	01/11/10	02/16/10	03/29/10		0.00							↓ ↓	Procurement Preps - CXI Cable Trays							
CXI 08560	AWARD: PO - CXI Cable Trays	1	66	01/18/10	01/18/10	04/20/10	04/20/10	AWARD	20,000.00							↓	AWARD: PO - CXI Cable Trays							
CXI 08570	Vendor Fab - CXI Cable Trays	40	66	01/19/10	03/15/10	04/21/10	06/15/10	SL_MSEG	20,000.00							↓ ↓	Vendor Fab - CXI Cable Trays							
CXI 08580	RCV: CXI Cable Trays	0	66		03/15/10		06/15/10		0.00							↓	RCV: CXI Cable Trays							
CXI 08590	Procurement Preps - CXI Utilities/Hutch Other Eq	30	55	12/08/09	02/01/10	03/09/10	04/19/10		0.00							↓ ↓	Procurement Preps - CXI Utilities/Hutch Other Eq							
CXI 08600	AWARD: PO - CXI Utilities & Hutch Other Equip	1	55	02/02/10	02/02/10	04/20/10	04/20/10	AWARD	10,000.00							↓	AWARD: PO - CXI Utilities & Hutch Other Equip							
CXI 08610	Vendor Fab - CXI Hutch Other Equip	40	55	02/03/10	03/30/10	04/21/10	06/15/10	SL_MSEG	10,000.00							↓ ↓	Vendor Fab - CXI Hutch Other Equip							
CXI 08620	RCV: CXI Hutch Other Parts	0	55		03/30/10		06/15/10		0.00							↓	RCV: CXI Hutch Other Parts							
CXI 08625	Procurement Preps - CXI Crane Misc Hardware	30	100	09/03/09	10/14/09	02/08/10	03/19/10		0.00							↓ ↓	Procurement Preps - CXI Crane Misc Hardware							
CXI 08628	AWARD: PO - CXI Crane Misc Hardware	1	100	10/15/09	10/15/09	03/22/10	03/22/10	AWARD	1,000.00							↓	AWARD: PO - CXI Crane Misc Hardware							
CXI 08629	Vendor Fab - CXI Crane Misc Hardware	30	100	10/16/09	11/30/09	03/23/10	05/03/10	SL_MSEG	1,000.00							↓ ↓	Vendor Fab - CXI Crane Misc Hardware							
CXI 08630	RCV: CXI Crane Misc Hardware	0	100		11/30/09		05/03/10		0.00							↓	RCV: CXI Crane Misc Hardware							
CXI 08635	Procurement Preps - CXI Gas Distribution/Cabinet	30	72	06/10/09	07/21/09	09/18/09	10/29/09		0.00							↓ ↓	Procurement Preps - CXI Gas Distribution/Cabinet							
CXI 08640	AWARD: PO - CXI Gas Distribution/Cabinet	1	66	01/18/10	01/18/10	04/20/10	04/20/10	AWARD	4,775.00							↓	AWARD: PO - CXI Gas Distribution/Cabinet							
CXI 08650	Vendor Fab - CXI Gas Distribution/Cabinet	40	66	01/19/10	03/15/10	04/21/10	06/15/10	SL_MSEG	4,775.00							↓ ↓	Vendor Fab - CXI Gas Distribution/Cabinet							
CXI 08660	RCV: CXI Gas Distribution/Cabinet	0	66		03/15/10		06/15/10		0.00							↓	RCV: CXI Gas Distribution/Cabinet							
CXI 08750	Procurement Preps - CXI Compressed Air/Distribut	30	72	07/22/09	09/01/09	10/30/09	12/14/09		0.00							↓ ↓	Procurement Preps - CXI Compressed Air/Distribut							
CXI 08760	AWARD: PO - CXI Compressed Air/Distribution	1	66	01/18/10	01/18/10	04/20/10	04/20/10	AWARD	2,775.00							↓	AWARD: PO - CXI Compressed Air/Distribution							
CXI 08770	Vendor Fab - CXI Compressed Air/Distribution	40	66	01/19/10	03/15/10	04/21/10	06/15/10	SL_MSEG	2,775.00							↓ ↓	Vendor Fab - CXI Compressed Air/Distribution							
CXI 08780	RCV: CXI Compressed Air/Distribution	0	66		03/15/10		06/15/10		0.00							↓	RCV: CXI Compressed Air/Distribution							
CXI 62000	Procurement Preps - CXI Water Distribution	30	72	09/02/09	10/13/09	12/15/09	02/08/10		0.00							↓ ↓	Procurement Preps - CXI Water Distribution							
CXI 62020	AWARD: PO - CXI Water Distribution	1	46	01/18/10	01/18/10	03/23/10	03/23/10	AWARD	2,775.00							↓	AWARD: PO - CXI Water Distribution							
CXI 62040	Vendor Fab - CXI Water Distribution	60	46	01/19/10	04/12/10	03/24/10	06/15/10	SL_MSEG	2,775.00							↓ ↓	Vendor Fab - CXI Water Distribution							
CXI 62060	RCV: CXI Water Distribution	0	46		04/12/10		06/15/10		0.00							↓	RCV: CXI Water Distribution							
CXI 62080	Procurement Preps - CXI Water to Racks	30	72	10/14/09	11/24/09	02/09/10	03/22/10		0.00							↓ ↓	Procurement Preps - CXI Water to Racks							
CXI 62100	AWARD: PO - CXI Water to Racks	1	46	01/18/10	01/18/10	03/23/10	03/23/10	AWARD	15,360.00							↓	AWARD: PO - CXI Water to Racks							
CXI 62120	Vendor Fab - CXI Water to Racks	60	46	01/19/10	04/12/10	03/24/10	06/15/10	SL_MSEG	15,360.00							↓ ↓	Vendor Fab - CXI Water to Racks							
CXI 62140	RCV: CXI Water to Racks	0	46		04/12/10		06/15/10		0.00							↓	RCV: CXI Water to Racks							
9110544 Design & Engr - CXI Utilities & Hutch Eq																								
CXI 59000	START: CXI Utilities Design Phase	0	20	03/13/09		04/10/09			0.00							↓	START: CXI Utilities Design Phase							
CXI 60000	Design - CXI Compressed Air/Water Distribution	20	72	03/13/09	04/09/09	06/23/09	07/20/09	SL_MEE	40.00							↓ ↓	Design - CXI Compressed Air/Water Distribution							
CXI 60020	Detail Drawings - CXI Compressed AirWater Distri	20	122	04/10/09	05/07/09	09/29/09	10/26/09	SL_MD	40.00							↓ ↓	Detail Drawings - CXI Compressed AirWater Distri							

Activity ID	Activity Description	Orig Dur	Total Float	Early Start	Early Finish	Late Start	Late Finish	Resource ID	Budgeted Quantity	FY08			FY09			FY10			FY11			FY12			
CXI 60030	Check & Approve Dwgs - CXI Compr AirWater Distri	3	122	05/08/09	05/12/09	10/27/09	10/29/09	SL_MEE, SL_MD	32.00				↓ ▲ Check & Approve Dwgs - CXI Compr AirWater Distri												
CXI 60040	Design - CXI Gas Distribution/Cabinet	20	72	04/10/09	05/07/09	07/21/09	08/17/09	SL_MEE	40.00				↓ ▲ Design - CXI Gas Distribution/Cabinet												
CXI 60060	Detail Drawings - CXI Gas Distribution/Cabinet	20	72	05/08/09	06/04/09	08/18/09	09/14/09	SL_MD	40.00				↓ ▲ Detail Drawings - CXI Gas Distribution/Cabinet												
CXI 60070	Check & Approve Dwgs - CXI Gas Distribution/Cabi	3	72	06/05/09	06/09/09	09/15/09	09/17/09	SL_MEE, SL_MD	32.00				↓ ▲ Check & Approve Dwgs - CXI Gas Distribution/Cabi												
CXI 60080	Design - CXI Power to racks	40	72	05/08/09	07/02/09	08/18/09	10/12/09	SL_EE	160.00				↓ ▲ Design - CXI Power to racks												
CXI 60100	Detail Drawings-CXI Power to racks	30	126	07/03/09	08/13/09	01/13/10	02/23/10	SL_MD	120.00				↓ ▲ Detail Drawings-CXI Power to racks												
CXI 60105	Check & Approve Dwgs - CXI Power to racks	9	126	08/14/09	08/26/09	02/24/10	03/08/10	SL_MEE, SL_MD	96.00				↓ ▲ Check & Approve Dwgs - CXI Power to racks												
CXI 60110	Design - CXI Water to racks	20	72	07/03/09	07/30/09	10/13/09	11/09/09	SL_MEE	80.00				↓ ▲ Design - CXI Water to racks												
CXI 60115	Detail Drawings-CXI Water to racks	10	112	07/31/09	08/13/09	01/21/10	02/03/10	SL_MD	40.00				↓ ▲ Detail Drawings-CXI Water to racks												
CXI 60118	Check & Approve Dwgs - CXI Water to racks	3	112	08/14/09	08/18/09	02/04/10	02/08/10	SL_MEE, SL_MD	32.00				↓ ▲ Check & Approve Dwgs - CXI Water to racks												
CXI 60120	Design - CXI Hutch Cabinets	5	72	07/31/09	08/06/09	11/10/09	11/16/09	SL_MEE	10.00				↓ ▲ Design - CXI Hutch Cabinets												
CXI 60140	Detail Drawings - CXI Hutch Cabinets	5	88	08/07/09	08/13/09	12/11/09	12/17/09	SL_MD	20.00				↓ ▲ Detail Drawings - CXI Hutch Cabinets												
CXI 60150	Check & Approve Dwgs - CXI Hutch Cabinets	2	88	08/14/09	08/17/09	12/18/09	01/04/10	SL_MEE, SL_MD	16.00				↓ ▲ Check & Approve Dwgs - CXI Hutch Cabinets												
CXI 60160	Design - Drop Floor	10	72	08/07/09	08/20/09	11/17/09	12/02/09	SL_MEE	40.00				↓ ▲ Design - Drop Floor												
CXI 60180	Detail Drawings - Drop Floor	20	72	08/21/09	09/17/09	12/03/09	01/13/10	SL_MD	96.00				↓ ▲ Detail Drawings - Drop Floor												
CXI 60190	Check & Approve Dwgs - Drop Floor	8	72	09/18/09	09/29/09	01/14/10	01/25/10	SL_MEE, SL_MD	76.00				↓ ▲ Check & Approve Dwgs - Drop Floor												
CXI 60200	Design - Instrument Cable Tray	10	86	08/21/09	09/03/09	01/06/10	01/19/10	SL_MEE	40.00				↓ ▲ Design - Instrument Cable Tray												
CXI 60220	Detail Drawings - Instrument Cable Tray	15	86	09/04/09	09/24/09	01/20/10	02/09/10	SL_MD	48.00				↓ ▲ Detail Drawings - Instrument Cable Tray												
CXI 60230	Check & Approve Dwgs - Instrument Cable Tray	4	86	09/25/09	09/30/09	02/10/10	02/15/10	SL_MEE, SL_MD	40.00				↓ ▲ Check & Approve Dwgs - Instrument Cable Tray												
CXI 60300	Design & Layout - CXI Crane	20	20	03/13/09	04/09/09	04/10/09	05/07/09	SL_MEE	80.00				↓ ▲ Design & Layout - CXI Crane												
CXI 60310	Prep for Seismic Review - CXI Crane	20	20	04/10/09	05/07/09	05/08/09	06/04/09	SL_MEE	80.00				↓ ▲ Prep for Seismic Review - CXI Crane												
CXI 60320	Seismic Peer Review- CXI Crane	20	20	05/08/09	06/04/09	06/05/09	07/02/09	SL_MEE	40.00				↓ ▲ Seismic Peer Review- CXI Crane												
CXI 60330	Seismic Review Approval - CXI Crane	1	20	06/05/09	06/05/09	07/03/09	07/03/09	SL_MEE	4.00				↓ ▲ Seismic Review Approval - CXI Crane												
CXI 60340	COMP: Committee Approval - CXI Crane	0	20		07/17/09		08/14/09		0.00				↓ ◆ COMP: Committee Approval - CXI Crane												
CXI 60350	Detail Drawings - CXI Crane	25	20	07/20/09	08/21/09	08/17/09	09/18/09	SL_MD	96.00				↓ ▲ Detail Drawings - CXI Crane												
CXI 60360	Check & Approve Dwgs - CXI Crane	8	20	08/24/09	09/02/09	09/21/09	09/30/09	SL_MD, SL_MEE	76.00				↓ ▲ Check & Approve Dwgs - CXI Crane												
CXI 60370	Statement of Work - CXI Crane	10	20	09/03/09	09/16/09	10/01/09	10/14/09	SL_MEE	64.00				↓ ▲ Statement of Work - CXI Crane												
CXI 60380	COMP: CXI Utilities Design Phase	0	101	10/01/09	09/30/09	03/09/10	03/08/10		0.00				↓ ▲ COMP: CXI Utilities Design Phase												
9110635 Subcontract - CXI Utilities & Hutch Eq																									
CXI 08665	REQD: Engineering Document - CXI Crane	0	20		09/16/09		10/14/09		0.00				↓ ◆ REQD: Engineering Document - CXI Crane												
CXI 08670	Procurement Prep - CXI Crane	30	20	09/17/09	10/28/09	10/15/09	11/25/09		0.00				↓ ▲ Procurement Prep - CXI Crane												
CXI 08680	AWARD: PO - CXI Crane	1	20	10/29/09	10/29/09	11/30/09	11/30/09	AWARD	36,634.75				↓ ▲ AWARD: PO - CXI Crane												

Activity ID	Activity Description	Orig Dur	Total Float	Early Start	Early Finish	Late Start	Late Finish	Resource ID	Budgeted Quantity	FY08			FY09			FY10			FY11			FY12			
CXI 59110	Final Design - CXI Spools	10	200	07/16/09	07/29/09	05/10/10	05/21/10	SL_ME	40.00																
CXI 59125	Generate Detail Drawings - CXI Spools	10	200	07/30/09	08/12/09	05/24/10	06/04/10	SL_MD	40.00																
CXI 59180	Check & Approve Dwgs - CXI Spools	9	200	08/13/09	08/25/09	06/07/10	06/17/10	SL_MD, SL_ME, SL_MEE	32.00																
CXI 59185	Generate Mfg Docs - CXI Bellows & Spools	20	225	08/26/09	09/22/09	07/23/10	08/19/10	SL_MEE	80.00																
9110375 Procurement - CXI Spools & Bellows																									
CXI 09260	Procurement Preps - CXI Bellows Welded Parts	25	166	10/02/09	11/05/09	06/09/10	07/13/10		0.00																
CXI 09280	AWARD: PO - Welded CXI Bellows Parts	1	127	01/18/10	01/18/10	07/14/10	07/14/10	AWARD	21,473.00																
CXI 09300	Vendor Effort - Welded Bellows Parts	30	127	01/19/10	03/01/10	07/15/10	08/25/10	SL_MSEQ	21,473.00																
CXI 09340	RCV: CXI Bellows Welded Parts	0	127		03/01/10		08/25/10		0.00																
CXI 60500	Procurement Preps - CXI Spools	25	173	10/02/09	11/05/09	06/18/10	07/22/10		0.00																
CXI 60520	AWARD: PO - CXI Spools All Parts	1	134	01/18/10	01/18/10	07/23/10	07/23/10	AWARD	19,091.00																
CXI 60540	Vendor Effort - CXI Spools All Parts	20	134	01/19/10	02/15/10	07/26/10	08/20/10	SL_MSEQ	19,091.00																
CXI 60580	RCV: CXI Spools All Parts	0	134		02/15/10		08/20/10		0.00																
9110376 Fab & Assembly - CXI Spools & Bellows																									
CXI 09350	Inspect Procured Parts - CXI Bellows	2	127	03/02/10	03/03/10	08/26/10	08/27/10	SL_AT	16.00																
CXI 09360	Submit Shop Orders - CXI Bellows	1	230	09/23/09	09/23/09	08/27/10	08/27/10	SL_MEE	8.00																
CXI 09370	Process MFD Inputs - CXI Bellows	10	127	03/04/10	03/17/10	08/30/10	09/10/10	SL_MF	40.00																
CXI 09380	Machining Processes - CXI Bellows	8	127	03/18/10	03/29/10	09/13/10	09/22/10	SL_MF	40.00																
CXI 09390	Welding - CXI Bellows	10	127	03/30/10	04/12/10	09/23/10	10/06/10	SL_MF	40.00																
CXI 09430	Inspect Fab Parts - CXI Bellows	3	127	04/13/10	04/15/10	10/07/10	10/11/10	SL_MF	16.00																
CXI 09435	Clean Fire - CXI Bellows	10	127	04/16/10	04/29/10	10/12/10	10/25/10	SL_MSEG	6,000.00																
CXI 09440	Vacuum Process - CXI Bellows	4	127	04/30/10	05/05/10	10/26/10	10/29/10	SL_AT	16.00																
CXI 09480	AVAIL: CXI Bellows Ready For Installation	0	127		05/05/10		10/29/10		0.00																
CXI 60600	Inspect Procured Parts - CXI Spools Parts	2	182	02/16/10	02/17/10	10/28/10	10/29/10	SL_AT	16.00																
CXI 60603	Submit Shop Orders - CXI Spools	1	225	09/23/09	09/23/09	08/20/10	08/20/10	SL_MEE	8.00																
CXI 60605	Process MFD Input - CXI Spools Fab Parts	10	134	02/16/10	03/01/10	08/23/10	09/03/10	SL_MF	40.00																
CXI 60625	Machining Processes - CXI Spools	10	134	03/02/10	03/15/10	09/06/10	09/17/10	SL_MF	40.00																
CXI 60627	Welding - CXI Spools	10	134	03/16/10	03/29/10	09/20/10	10/01/10	SL_MF	40.00																
CXI 60629	Inspect Fab Parts - CXI Spools	4	134	03/30/10	04/02/10	10/04/10	10/07/10	SL_AT	16.00																
CXI 60631	Clean - CXI Spools	4	134	04/05/10	04/08/10	10/08/10	10/13/10	SL_MFPC	24.00																
CXI 60632	Assemble - CXI Spools	4	134	04/09/10	04/14/10	10/14/10	10/19/10	SL_MFPC	24.00																
CXI 60633	Vacuum Process - CXI Spools	8	134	04/15/10	04/26/10	10/20/10	10/29/10	SL_AT	40.00																

Activity ID	Activity Description	Orig Dur	Total Float	Early Start	Early Finish	Late Start	Late Finish	Resource ID	Budgeted Quantity	FY08				FY09				FY10				FY11				FY12			
CXI 10610	REQD: Partical Injector Controls	0	350		10/27/10		04/05/12		0.00													◆ REQD: Partical Injector Controls							
CXI 10650	Preliminary Alignment - CXI 1.0um SC	2	68	11/29/10	11/30/10	03/17/11	03/18/11	SL_MES	32.00													↓ ▶ Preliminary Alignment - CXI 1.0um SC							
CXI 10660	Install Detector Stage	2	68	12/01/10	12/02/10	03/21/11	03/22/11	SL_CT, SL_AT	32.00													↓ ▶ Install Detector Stage							
CXI 10670	Compl. Vac Connects 1.0um SC to Diag/Comm Optic	2	70	12/01/10	12/02/10	03/23/11	03/24/11	SL_AT	32.00													↓ ▶ Compl. Vac Connects 1.0um SC to Diag/Comm Optic							
CXI 10700	Compl. Vacuum Connects 1.0um SC to Detector Stg	2	68	12/03/10	12/06/10	03/23/11	03/24/11	SL_AT	32.00													↓ ▶ Compl. Vacuum Connects 1.0um SC to Detector Stg							
CXI 10710	Pump & Leak Check	3	68	12/07/10	12/09/10	03/25/11	03/29/11	SL_AT	48.00													↓ ▶ Pump & Leak Check							
CXI 10720	Final Alignment	3	68	12/10/10	12/14/10	03/30/11	04/01/11	SL_MES	48.00													↓ ▶ Final Alignment							
CXI 10730	Connect Power/Ctrls/Interlocks	10	20	03/07/11	03/18/11	04/04/11	04/15/11	SL_CT, SL_AT	160.00													↓ ▶ Connect Power/Ctrls/Interlocks							
CXI 10740	REQD: FEH Controls HW/SW Ready for CD-4b Ops	0	55		01/28/11		04/15/11		0.00													◆ REQD: FEH Controls HW/SW Ready for CD-4b Ops							
CXI 10750	Controls/Interlocks Checks	10	20	03/21/11	04/01/11	04/18/11	04/29/11	SL_CT	160.00													↓ ▶ Controls/Interlocks Checks							
CXI 10760	Functional Checks - CXI 1.0um SC	10	20	04/04/11	04/15/11	05/02/11	05/13/11	SL_AT, SL_PHS	320.00													↓ ▶ Functional Checks - CXI 1.0um SC							
CXI 10770	Functional Checks - Detector Stage	10	20	04/04/11	04/15/11	05/02/11	05/13/11	SL_PHSS, SL_EE, SL_PHS, SL_CT,	136.00													↓ ▶ Functional Checks - Detector Stage							
CXI 10790	CXI 1.0um SC & Detector Ready for Operations	0	20		04/15/11		05/13/11		0.00													◆ CXI 1.0um SC & Detector Ready for Operation							
CXI 10800	COMP: CXI Early Science Installation Complete	0	20		04/15/11		05/13/11		0.00													◆ COMP: CXI Early Science Installation Complete							
CXI 20000	Procurement Preps - Final Installation Contracts	100	242	12/14/10	05/16/11	12/08/11	05/08/12	SL_SEE	80.00													▶ Procurement Preps - Final Installation Contracts							
CXI 20010	START: CXI Final Installation	0	151	05/17/11		12/21/11			0.00													◆ START: CXI Final Installation							
CXI 20020	Engineering Installation Oversight - CXI CD-4c	160*	120	05/17/11	01/10/12	12/21/11	06/29/12	SL_MEE	404.00													▶ Engineering Installation Oversight - CXI CD-4c							
CXI 20030	Installation Project Mgr Oversight - CXI CD-4c	160*	120	05/17/11	01/10/12	12/21/11	06/29/12	SL_SEE	180.00													▶ Installation Project Mgr Oversight - CXI CD-4c							
CXI 20040	START: Final XRT Diag/Cm. Optics Installation	0	242		05/16/11		05/08/12		0.00													◆ START: Final XRT Diag/Cm. Optics Installation							
CXI 20050	REQD: Access to XRT For Final Installation	0	242		05/16/11		05/08/12		0.00													◆ REQD: Access to XRT For Final Installation							
CXI 20060	Bleed Up XRT Section	2	242	05/17/11	05/18/11	05/09/12	05/10/12	SL_AT	16.00													↓ ▶ Bleed Up XRT Section							
CXI 20070	Remove Local Radiation Shielding	2	242	05/19/11	05/20/11	05/11/12	05/14/12	SL_AT	16.00													↓ ▶ Remove Local Radiation Shielding							
CXI 20080	Remove Vac. Sections & Assoc. Vac. HW	2	242	05/23/11	05/24/11	05/15/12	05/16/12	SL_AT	16.00													↓ ▶ Remove Vac. Sections & Assoc. Vac. HW							
CXI 20090	REQD: XRT Diagnostics & Common Optics	0	434		08/10/10		05/15/12		0.00													◆ REQD: XRT Diagnostics & Common Optics							
CXI 20100	Transport Stage/XRT Diag & Cm. Optics	1	247	05/17/11	05/17/11	05/16/12	05/16/12	SL_TMUO	48.00													↓ ▶ Transport Stage/XRT Diag & Cm. Optics							
CXI 20110	Install XRT Diag & Common Optics	5	242	05/25/11	05/31/11	05/17/12	05/23/12	SL_AT	80.00													↓ ▶ Install XRT Diag & Common Optics							
CXI 20120	Preliminary Alignment - XRT Diag/Cm. Optics	3	242	06/01/11	06/03/11	05/24/12	05/28/12	SL_MES	48.00													↓ ▶ Preliminary Alignment - XRT Diag/Cm. Optics							
CXI 20130	Complete XRT Vac.Connections & Install Vac.Equip	5	242	06/06/11	06/10/11	05/29/12	06/04/12	SL_AT	80.00													↓ ▶ Complete XRT Vac.Connections & Install Vac.Equip							
CXI 20140	Pump & Leak Check XRT	3	242	06/13/11	06/15/11	06/05/12	06/07/12	SL_AT	48.00													↓ ▶ Pump & Leak Check XRT							
CXI 20150	Final XRT Alignment	3	242	06/16/11	06/20/11	06/08/12	06/12/12	SL_MES	48.00													↓ ▶ Final XRT Alignment							
CXI 20160	Install Local XRT Radiation Shielding	5	242	06/21/11	06/27/11	06/13/12	06/19/12	SL_AT	80.00													↓ ▶ Install Local XRT Radiation Shielding							
CXI 20170	Connect XRT Power/Cntrls/Interlocks/Comp. Gases	2	242	06/28/11	06/29/11	06/20/12	06/21/12	SL_AT, SL_CT	48.00													↓ ▶ Connect XRT Power/Cntrls/Interlocks/Comp. Gases							

