

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												
1.6.01 Controls and Data Acquisition System Integration																																																																						
9100491 Physics Support & Engr FY07&FY08-Q1&Q2																																																																						
CD 00015	Start Controls and Data Acquisition	0		09/04/07A		09/04/07A			0.00	Start Controls and Data Acquisition																																																												
CD 00020	Controls Physics Support FY07	19		09/04/07A	09/28/07A	09/04/07A	09/28/07A		0.00	Controls Physics Support FY07																																																												
CD 00025	Controls Physics Support FY08-Q1 & Q2	121		10/01/07A	03/31/08A	10/01/07A	03/31/08A	HIST_LBR	78,115.00	Controls Physics Support FY08-Q1 & Q2																																																												
CD 00088	Vendor Visits FY08-Q1 & Q2	121		10/01/07A	03/31/08A	10/01/07A	03/31/08A		0.00	Vendor Visits FY08-Q1 & Q2																																																												
9100501 Specs, Design & Engr - Cntrls & DAQ																																																																						
CD 00055	Engineering Integration & Support FY08-Q1 & Q2	121		10/01/07A	03/31/08A	10/01/07A	03/31/08A	HIST_M&S	119.00	Engineering Integration & Support FY08-Q1 & Q2																																																												
9100571 Specs, Design & Engr - Cntrls & DAQ																																																																						
CD 00078	Lab Supplies FY08-Q1 & Q2	121		10/01/07A	03/31/08A	10/01/07A	03/31/08A	HIST_M&S	22.00	Lab Supplies FY08-Q1 & Q2																																																												
9110601 Controls and DAQ System Integ & Design Support																																																																						
CD 00026	Apr08 through Sep08 Plan Adjustment	21		09/01/08A	09/30/08A	09/01/08A	09/30/08A	HIST_LBR	170,244.00	Apr08 through Sep08 Plan Adjustment																																																												
CD 00027	Controls Physics Support FY08-Q3 & Q4	131		04/01/08A	09/30/08A	04/01/08A	09/30/08A	SL_PHSS	0.00	Controls Physics Support FY08-Q3 & Q4																																																												
CD 00030	Controls Physics Support FY09	249	65	10/01/08A	09/30/09	10/01/08A	01/15/10	SL_PHSS	0.00	Controls Physics Support FY09																																																												
CD 00035	Controls Physics Support FY10	249	65	10/01/09	09/30/10	01/18/10	01/17/11	SL_PHSS	0.00	Controls Physics Support FY10																																																												
CD 00040	Controls Physics Support FY11	249	65	10/01/10	09/30/11	01/18/11	01/16/12	SL_PHSS	0.00	Controls Physics Support FY11																																																												
CD 00045	Controls Physics Support FY12	116	65	10/03/11	03/30/12	01/17/12	06/29/12	SL_PHSS	0.00	Controls Physics Support FY12																																																												
CD 00057	Engineering Integration & Support FY08-Q3 & Q4	131		04/01/08A	09/30/08A	04/01/08A	09/30/08A	SL_CE	0.00	Engineering Integration & Support FY08-Q3 & Q4																																																												
CD 00060	Engineering Integration & Support FY09	249	65	10/01/08A	09/30/09	10/01/08A	01/15/10	SL_CE	1,764.00	Engineering Integration & Support FY09																																																												
CD 00065	Engineering Integration & Support FY10	249	65	10/01/09	09/30/10	01/18/10	01/17/11	SL_CE	1,764.00	Engineering Integration & Support FY10																																																												
CD 00070	Engineering Integration & Support FY11	249	65	10/01/10	09/30/11	01/18/11	01/16/12	SL_CE	1,764.00	Engineering Integration & Support FY11																																																												
CD 00075	Engineering Integration & Support FY12	116	65	10/03/11	03/30/12	01/17/12	06/29/12	SL_CE	800.00	Engineering Integration & Support FY12																																																												
CD 00079	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																																																												
CD 00080	Lab Supplies FY09	249	65	10/01/08A	09/30/09	10/01/08A	01/15/10	SL_MSCS	7,500.00	Lab Supplies FY09																																																												
CD 00082	Lab Supplies FY10	249	65	10/01/09	09/30/10	01/18/10	01/17/11	SL_MSCS	7,500.00	Lab Supplies FY10																																																												
CD 00084	Lab Supplies FY11	249	65	10/01/10	09/30/11	01/18/11	01/16/12	SL_MSCS	7,500.00	Lab Supplies FY11																																																												
CD 00086	Lab Supplies FY12	116	65	10/03/11	03/30/12	01/17/12	06/29/12	SL_MSCS	7,500.00	Lab Supplies FY12																																																												
CD 00089	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																																																												
CD 00090	Vendor Visits FY09	249	65	10/01/08A	09/30/09	10/01/08A	01/15/10	SL_TRVL	3,000.00	Vendor Visits FY09																																																												
CD 00092	Vendor Visits FY10	249	65	10/01/09	09/30/10	01/18/10	01/17/11	SL_TRVL	3,000.00	Vendor Visits FY10																																																												
CD 00094	Vendor Visits FY11	249	65	10/01/10	09/30/11	01/18/11	01/16/12	SL_TRVL	0.00	Vendor Visits FY11																																																												
CD 00096	Vendor Visits FY12	116	65	10/03/11	03/30/12	01/17/12	06/29/12	SL_TRVL	0.00	Vendor Visits FY12																																																												
CD 00098	BNL Detector Controls Support FY09	249	430	10/01/08A	09/30/09	10/01/08A	06/28/11	SL_CE	810.00	BNL Detector Controls Support FY09																																																												

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CD 00099	BNL Detector Controls Support FY10	249	430	10/01/09	09/30/10	06/29/11	06/29/12	SL_CE	882.00											
1.6.02.01 Photon Beam Feedback																				
9110611 Design & Engr - Photon Beam Feedback																				
CD 00100	Design Photon Beam Feedback	100	166	10/02/09	03/08/10	06/09/10	10/26/10	SL_CE	40.00											
CD 00105	COMP: Design Photon Beam Feedback	0	166		03/08/10		10/26/10		0.00											
CD 00120	FDR - Final Design Review Photon Beam Feedback	1	166	03/09/10	03/09/10	10/27/10	10/27/10	SL_CE	5.00											
CD 00140	COMP: FDR for Photon Beam Feedback	0	166		03/09/10		10/27/10		0.00											
CD 00220	Develop S/W Photon Beam Feedback	90	166	03/10/10	07/13/10	10/28/10	03/18/11	SL_CP	40.00											
CD 00240	Prepare docs Photon Beam Feedback	20	166	07/14/10	08/10/10	03/21/11	04/15/11	SL_CP	5.00											
9110612 Procurement - Photon Beam Feedback																				
CD 00145	Procure Preps/Approval - Photon Beam Feedback	20	185	03/10/10	04/06/10	11/24/10	01/06/11		0.00											
CD 00150	AWARD: Photon Beam Feedback	1	185	04/07/10	04/07/10	01/07/11	01/07/11	AWARD	22,102.00											
CD 00200	Vendor Fab - Photon Beam Feedback	30	185	04/08/10	05/19/10	01/10/11	02/18/11	SL_MSEG	22,102.00											
CD 00210	RCV: Receive All Photon Beam Feedback Parts	0	185		05/19/10		02/18/11		0.00											
9110613 Fab & Assembly - Photon Beam Feedback																				
CD 00260	Fab/Delvr Photon Beam Feedback	40	185	05/20/10	07/14/10	02/21/11	04/15/11	SL_CT	60.00											
CD 00280	AVAIL: Photon Beam Feedback System	0	166		08/10/10		04/15/11		0.00											
1.6.02.02 Electron Beam Feedback																				
9110621 Design & Engr - Electron Beam Feedback																				
CD 00300	Design Electron Beam Feedback	100	166	10/02/09	03/08/10	06/09/10	10/26/10	SL_CE	40.00											
CD 00305	COMP: Electron Beam Feedback	0	166		03/08/10		10/26/10		0.00											
CD 00320	FDR - Final Design Review Electron Beam Feedback	1	166	03/09/10	03/09/10	10/27/10	10/27/10	SL_CE	5.00											
CD 00340	COMP: FDR for Electron Beam Feedback	0	166		03/09/10		10/27/10		0.00											
CD 00380	Develop S/W Electron Beam Feedback	90	166	03/10/10	07/13/10	10/28/10	03/18/11	SL_CP	20.00											
CD 00400	Prepare Docs Electron Beam Feedback	20	166	07/14/10	08/10/10	03/21/11	04/15/11	SL_CP	10.00											
9110622 Procurement - Electron Beam Feedback																				
CD 00345	Procure Preps/Approval - Electron Beam Feedback	20	185	03/10/10	04/06/10	11/24/10	01/06/11		0.00											
CD 00350	AWARD: Electron Beam Feedback	1	185	04/07/10	04/07/10	01/07/11	01/07/11	AWARD	18,256.00											
CD 00360	Vendor Fab - Electron Beam Feedback	30	185	04/08/10	05/19/10	01/10/11	02/18/11	SL_MSEG	18,256.00											
CD 00390	RCV: Receive All Electron Beam Feedback Parts	0	185		05/19/10		02/18/11		0.00											
9110623 Fab & Assembly - Electron Beam Feedback																				
CD 00420	Fab/Delvr Electron Beam Feedback	40	185	05/20/10	07/14/10	02/21/11	04/15/11	SL_CT	80.00											
CD 00440	AVAIL: Electron Beam Feedback System	0	166		08/10/10		04/15/11		0.00											

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1.6.02.03 Hutch Environmental Controls																				
9110624 Design & Engr - Hutch Environmental Controls																				
CD 00460	Design Hutch Environmental Controls	100	145	10/02/09	03/08/10	05/11/10	09/27/10	SL_CE	10.00											
CD 00465	COMP: Design Hutch Environmental Controls	0	145		03/08/10		09/27/10		0.00											
CD 00480	FDR - Design Review Hutch Environmental Controls	1	145	03/09/10	03/09/10	09/28/10	09/28/10	SL_CE	5.00											
CD 00500	COMP: FDR for Hutch Environmental Controls	0	145		03/09/10		09/28/10		0.00											
CD 00540	Develop S/W Hutch Environmental Controls	90	166	03/10/10	07/13/10	10/28/10	03/18/11	SL_CP	20.00											
CD 00560	Prepare Docs Hutch Environmental Controls	20	166	07/14/10	08/10/10	03/21/11	04/15/11	SL_CP	5.00											
9110625 Subcontract - Hutch Environmental Controls																				
CD 00505	Prep Bid Pkg & App - Hutch Environ Controls	15	145	03/10/10	03/30/10	09/29/10	10/19/10		0.00											
CD 00506	RELEASE: RFP - Hutch Environmental Controls	0	145		03/30/10		10/19/10		0.00											
CD 00507	Vendor Proposal Effort - Hutch Environ Controls	20	145	03/31/10	04/27/10	10/20/10	11/16/10		0.00											
CD 00508	RCV: Vendor Deliverables - Hutch Environ Ctrl	0	145		04/27/10		11/16/10		0.00											
CD 00509	Eval & Selection Process - Hutch Env Ctrl	15	145	04/28/10	05/18/10	11/17/10	12/09/10		0.00											
CD 00510	Vendor Selection - Hutch Env. Ctrl	0	145		05/18/10		12/09/10		0.00											
CD 00511	SLAC Approval Process - Hutch Environ Ctrl	5	145	05/19/10	05/25/10	12/10/10	12/16/10		0.00											
CD 00512	DOE Approval Process - Hutch Environ Ctrl	5	145	05/26/10	06/01/10	12/17/10	01/06/11		0.00											
CD 00515	AWARD: Hutch Environmental Controls	1	145	06/02/10	06/02/10	01/07/11	01/07/11	AWARD	25,809.00											
CD 00520	Vendor Fab - Hutch Environmental Controls	30	145	06/03/10	07/14/10	01/10/11	02/18/11	SL_MSEQ	25,809.00											
CD 00530	RCV: Receive All Hutch Enviorn Controls Parts	0	145		07/14/10		02/18/11		0.00											
9110626 Fab & Assembly - Hutch Environmental Controls																				
CD 00580	Fab/Delvr Hutch Environmental Controls	40	145	07/15/10	09/08/10	02/21/11	04/15/11	SL_CT	40.00											
CD 00600	AVAIL: Hutch Environmental Controls Hardware	0	145		09/08/10		04/15/11		0.00											
CD 00620	AVAIL: Hutch Environmental Controls Software	0	145		09/08/10		04/15/11		0.00											
1.6.02.04 FEH DAQ Data Storage																				
9110627 Design & Engr - FEH DAQ Data Storage																				
CD 00660	Design FEH DAQ Data Storage	100	145	10/02/09	03/08/10	05/11/10	09/27/10	SL_CE	40.00											
CD 00665	COMP: Design FEH DAQ Data Storage	0	145		03/08/10		09/27/10		0.00											
CD 00680	FDR - Final Design Review FEH DAQ Data Storage	1	145	03/09/10	03/09/10	09/28/10	09/28/10	SL_CE	10.00											
CD 00700	COMP: FDR for FEH DAQ Data Storage	0	145		03/09/10		09/28/10		0.00											
CD 00740	Develop S/W FEH DAQ Data Storage	90	166	03/10/10	07/13/10	10/28/10	03/18/11	SL_CP	80.00											
CD 00760	Prepare Docs FEH DAQ Data Storage	20	166	07/14/10	08/10/10	03/21/11	04/15/11	SL_CP	20.00											
9110628 Subcontract - FEH DAQ Data Storage																				
CD 00705	Prep Bid Pkg & App - FEH DAQ Data Storage	15	145	03/10/10	03/30/10	09/29/10	10/19/10		0.00											

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		
CD 00706	RELEASE: RFP - FEH DAQ Data Storage	0	145		03/30/10		10/19/10		0.00							↓	↓	↓	◆	RELEASE: RFP - FEH DAQ Data Storage				
CD 00707	Vendor Proposal Effort - FEH DAQ Data Storage	20	145	03/31/10	04/27/10	10/20/10	11/16/10		0.00							↓	↓	↓	▼	Vendor Proposal Effort - FEH DAQ Data Storage				
CD 00708	RCV: Vendor Deliverables - FEH DAQ Data Storage	0	145		04/27/10		11/16/10		0.00							↓	↓	↓	◆	RCV: Vendor Deliverables - FEH DAQ Data Storage				
CD 00709	Eval & Selection Process - FEH DAQ Data St	15	145	04/28/10	05/18/10	11/17/10	12/09/10		0.00							↓	↓	↓	▼	Eval & Selection Process - FEH DAQ Data St				
CD 00710	Vendor Selection - FEH DAQ Data Storage	0	145		05/18/10		12/09/10		0.00							↓	↓	↓	◆	Vendor Selection - FEH DAQ Data Storage				
CD 00711	SLAC Approval Process - FEH DAQ Data Storage	5	145	05/19/10	05/25/10	12/10/10	12/16/10		0.00							↓	↓	↓	▼	SLAC Approval Process - FEH DAQ Data Storage				
CD 00712	DOE Approval Process - FEH DAQ Data Storage	5	145	05/26/10	06/01/10	12/17/10	01/06/11		0.00							↓	↓	↓	▼	DOE Approval Process - FEH DAQ Data Storage				
CD 00715	AWARD: FEH DAQ Data Storage	1	145	06/02/10	06/02/10	01/07/11	01/07/11	AWARD	260,544.00							↓	↓	↓	◆	AWARD: FEH DAQ Data Storage				
CD 00720	Vendor Fab - FEH DAQ Data Storage	30	145	06/03/10	07/14/10	01/10/11	02/18/11	SL_MSEQ	260,544.00							↓	↓	↓	▼	Vendor Fab - FEH DAQ Data Storage				
CD 00730	RCV: Receive All FEH DAQ Data Storage Parts	0	145		07/14/10		02/18/11		0.00							↓	↓	↓	◆	RCV: Receive All FEH DAQ Data Storage Parts				
9110629 Fab & Assembly - FEH DAQ Data Storage																								
CD 00780	Fab/Delvr FEH DAQ Data Storage	40	145	07/15/10	09/08/10	02/21/11	04/15/11	SL_CT	80.00							↓	↓	↓	▼	Fab/Delvr FEH DAQ Data Storage				
CD 00800	AVAIL: FEH DAQ Data Storage Hardware	0	145		09/08/10		04/15/11		0.00							↓	↓	↓	◆	AVAIL: FEH DAQ Data Storage Hardware				
CD 00820	AVAIL: FEH DAQ Data Storage Software	0	145		09/08/10		04/15/11		0.00							↓	↓	↓	◆	AVAIL: FEH DAQ Data Storage Software				
1.6.02.05 DAQ Data Processing																								
9110630 Design & Engr - DAQ Data Processing																								
CD 00825	Design DAQ Data Processing	100	146	10/02/09	03/08/10	05/12/10	09/28/10	SL_CE	500.00							↓	↓	↓	▼	Design DAQ Data Processing				
CD 00827	COMP: Design DAQ Data Processing	0	146		03/08/10		09/28/10		0.00							↓	↓	↓	◆	COMP: Design DAQ Data Processing				
CD 00830	FDR - Final Design Review DAQ Data Processing	1	146	03/09/10	03/09/10	09/29/10	09/29/10	SL_CE	5.00							↓	↓	↓	▼	FDR - Final Design Review DAQ Data Processing				
CD 00836	COMP: FDR for DAQ Data Processing	0	146		03/09/10		09/29/10		0.00							↓	↓	↓	◆	COMP: FDR for DAQ Data Processing				
CD 00838	Develop S/W DAQ Data Processing	90	146	03/10/10	07/13/10	09/30/10	02/18/11	SL_CP	300.00							↓	↓	↓	▼	Develop S/W DAQ Data Processing				
CD 00840	Prepare Docs DAQ Data Processing	20	166	07/14/10	08/10/10	03/21/11	04/15/11	SL_CP	20.00							↓	↓	↓	▼	Prepare Docs DAQ Data Processing				
9110631 Fab & Assembly - DAQ Data Processing																								
CD 00845	Fab/Delvr DAQ Data Processing	40	146	07/14/10	09/07/10	02/21/11	04/15/11	SL_CT	60.00							↓	↓	↓	▼	Fab/Delvr DAQ Data Processing				
CD 00850	AVAIL: DAQ Data Processing System	0	146		09/07/10		04/15/11		0.00							↓	↓	↓	◆	AVAIL: DAQ Data Processing System				
1.6.02.06 Racks & Cabling (Common)																								
9110632 Design & Engr - Racks & Cabling (Common)																								
CD 00860	Prepare Parts List for FEH-Hutches Racks & Cable	80	45	10/02/09	02/08/10	12/08/09	04/12/10	SL_CE	80.00							↓	↓	↓	▼	Prepare Parts List for FEH-Hutches Racks & Cable				
CD 00865	Prepare Layout for FEH-Hutches Rack & Cables	25	45	02/09/10	03/15/10	04/13/10	05/17/10	SL_CE	100.00							↓	↓	↓	▼	Prepare Layout for FEH-Hutches Rack & Cables				
CD 00890	Prepare Docs FEH-Hutches Racks & Cables	40	45	08/25/10	10/19/10	10/27/10	01/06/11	SL_CT	80.00							↓	↓	↓	▼	Prepare Docs FEH-Hutches Racks & Cables				
9110633 Subcontract - Racks & Cabling (Common)																								
CD 00870	Prep Bid Pkg & App - Racks & Cabling Common	20	45	03/16/10	04/12/10	05/18/10	06/14/10		0.00							↓	↓	↓	▼	Prep Bid Pkg & App - Racks & Cabling Common				
CD 00871	RELEASE: RFP - Racks & Cabling Common	0	45		04/12/10		06/14/10		0.00							↓	↓	↓	◆	RELEASE: RFP - Racks & Cabling Common				
CD 00872	Vendor Proposal Effort - Racks & Cabling Common	20	45	04/13/10	05/10/10	06/15/10	07/12/10		0.00							↓	↓	↓	▼	Vendor Proposal Effort - Racks & Cabling Common				

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CD 01307	DOE Approval Process - XPP Hutch Workstation	5	189	04/14/09	04/20/09	01/20/10	01/26/10		0.00																
CD 01313	AWARD: XPP Hutch Workstation	1	185	04/27/09	04/27/09	01/27/10	01/27/10	AWARD	28,328.00																
CD 01314	Vendor Fab - XPP Hutch Workstation	30	185	04/28/09	06/08/09	01/28/10	03/10/10	SL_MSEQ	28,328.00																
CD 01315	RCV: Receive All XPP Hutch Parts	0	185		06/08/09		03/10/10		0.00																
9110643 Fab & Assembly - XPP H3 Workstation																									
CD 01320	Fab/Delvr XPP Hutch Workstation	40	185	06/09/09	08/03/09	03/11/10	05/05/10	SL_CT	80.00																
CD 01340	System Test XPP Hutch Workstation	20	185	08/04/09	08/31/09	05/06/10	06/02/10	SL_CP	20.00																
CD 01360	Prepare Docs XPP Hutch Workstation	20	185	09/01/09	09/28/09	06/03/10	06/30/10	SL_CP	5.00																
CD 01380	AVAIL: XPP Hutch Workstation Hardware	0	185		09/28/09		06/30/10		0.00																
CD 01400	AVAIL: XPP Hutch Workstation Software	0	185		09/28/09		06/30/10		0.00																
9110645 Procurement - XPP H3 Beam Line Processor																									
CD 01440	Procure Preps/Approval - XPP Hutch Beam Line	20	51	10/02/09	10/29/09	12/16/09	01/26/10		0.00																
CD 01442	AWARD: XPP Hutch Beam Line Processor	1	51	10/30/09	10/30/09	01/27/10	01/27/10	AWARD	18,039.00																
CD 01445	Vendor Fab - XPP Hutch Beam Line Processor	30	51	11/02/09	12/15/09	01/28/10	03/10/10	SL_MSEG	18,039.00																
CD 01450	RCV: Receive All XPP Hutch Beam Line Parts	0	51		12/15/09		03/10/10		0.00																
9110646 Fab & Assembly - XPP H3 Beam Line Processor																									
CD 01460	Fab/Delvr XPP Hutch Beam Line Processor	40	51	12/16/09	02/23/10	03/11/10	05/05/10	SL_CP	30.00																
9110647 Testing - XPP H3 Beam Line Processor																									
CD 01480	System Test XPP Hutch Beam Line Processor	20	51	02/24/10	03/23/10	05/06/10	06/02/10	SL_CP	20.00																
CD 01500	Prepare Docs XPP Hutch Beam Line Processor	20	51	03/24/10	04/20/10	06/03/10	06/30/10	SL_CP	5.00																
CD 01520	AVAIL: XPP Hutch Beam Line Processor Hardware	0	51		04/20/10		06/30/10		0.00																
CD 01540	AVAIL: XPP Hutch Beam Line Processor Software	0	51		04/20/10		06/30/10		0.00																
9110648 Procurement - XPP H3 Channel Access Gateway																									
CD 01580	Procure Preps/Approval XPP Hutch Channel Access	20	51	10/02/09	10/29/09	12/16/09	01/26/10		0.00																
CD 01582	AWARD: XPP Hutch Channel Access Gateway	1	51	10/30/09	10/30/09	01/27/10	01/27/10	AWARD	4,262.00																
CD 01585	Vendor Fab - XPP Hutch Channel Access Gateway	30	51	11/02/09	12/15/09	01/28/10	03/10/10	SL_MSEG	4,262.00																
CD 01590	RCV: Receive All XPP Hutch Channel Access Parts	0	51		12/15/09		03/10/10		0.00																
9110649 Fab & Assembly - XPP H3 Channel Access Gateway																									
CD 01600	Fab/Delvr XPP Hutch Channel Access Gateway	40	51	12/16/09	02/23/10	03/11/10	05/05/10	SL_CP	30.00																
9110650 Testing - XPP H3 Channel Access Gateway																									
CD 01620	System Test XPP Hutch Channel Access Gateway	20	51	02/24/10	03/23/10	05/06/10	06/02/10	SL_CP	20.00																
CD 01640	Prepare Docs XPP Hutch Channel Access Gateway	20	51	03/24/10	04/20/10	06/03/10	06/30/10	SL_CP	5.00																
CD 01660	AVAIL: XPP Hutch Channel Access Gateway Hardware	0	51		04/20/10		06/30/10		0.00																
CD 01680	AVAIL: XPP Hutch Channel Access Gateway Software	0	51		04/20/10		06/30/10		0.00																

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	
CD 01875	AWARD: XPP Specific Data Acquisition (DAQ)	1	23	01/21/10	01/21/10	02/23/10	02/23/10	AWARD	46,922.00					AWARD: XPP Specific Data Acquisition (DAQ)					
CD 01880	Vendor Fab - XPP Specific Data Acquisition Parts	30	23	01/22/10	03/04/10	02/24/10	04/06/10	SL_MSEQ	46,922.00					Vendor Fab - XPP Specific Data Acquisition Parts					
CD 01890	RCV: Receive All XPP Specific DAQ Parts	0	23		03/04/10		04/06/10		0.00					RCV: Receive All XPP Specific DAQ Parts					
9110661 Design & Engr - XPP H3 Experiment Config Cntrl																			
CD 02220	Design XPP Specific Experiment Config Control	100	44	04/27/09	09/11/09	06/26/09	11/12/09	SL_CE	80.00					Design XPP Specific Experiment Config Control					
CD 02225	COMP: Design XPP Specific Experim Config Control	0	44		09/11/09		11/12/09		0.00					COMP: Design XPP Specific Experim Config Control					
CD 02230	FDR - XPP Specific Experiment Config Control	1	44	09/14/09	09/14/09	11/13/09	11/13/09	SL_CE	20.00					FDR - XPP Specific Experiment Config Control					
CD 02240	Develop SW XPP Specific Experiment Config Contro	90	85	09/15/09	02/03/10	01/28/10	06/02/10	SL_CP	320.00					Develop SW XPP Specific Experiment Config Contro					
9110656 Fab & Assembly - XPP H3 Data Acquisition																			
CD 01920	Fab/Delvr XPP Specific Data Acquisition	40	23	03/05/10	04/29/10	04/07/10	06/01/10	SL_CT	140.00					Fab/Delvr XPP Specific Data Acquisition					
9110662 Subcontract - XPP H3 Experiment Config Cntrl																			
CD 02231	Prep Bid Pkg & App - XPP Specific Experim Config	15	31	10/02/09	10/22/09	11/16/09	12/08/09		0.00					Prep Bid Pkg & App - XPP Specific Experim Config					
CD 02232	RELEASE: RFP - XPP Specific Experim Config	0	31		10/22/09		12/08/09		0.00					RELEASE: RFP - XPP Specific Experim Config					
CD 02233	Vendor Proposal Effort -XPP Specific Exprmt Ctrl	20	31	10/23/09	11/19/09	12/09/09	01/19/10		0.00					Vendor Proposal Effort -XPP Specific Exprmt Ctrl					
CD 02234	RCV: Vendor Deliverables-XPP Specific Exp. Ctrl	0	31		11/19/09		01/19/10		0.00					RCV: Vendor Deliverables-XPP Specific Exp. Ctrl					
CD 02235	Eval & Selection Process -XPP Specific Exp Ctrls	15	31	11/20/09	12/14/09	01/20/10	02/09/10		0.00					Eval & Selection Process -XPP Specific Exp Ctrls					
CD 02236	Vendor Selection - XPP Specific Experim Config	0	31		12/14/09		02/09/10		0.00					Vendor Selection - XPP Specific Experim Config					
CD 02237	SLAC Approval Process - XPP Specific Exp Ctrls	5	31	12/15/09	01/04/10	02/10/10	02/16/10		0.00					SLAC Approval Process - XPP Specific Exp Ctrls					
CD 02238	DOE Approval Process - XPP Specific Exp Ctrls	5	31	01/05/10	01/11/10	02/17/10	02/23/10		0.00					DOE Approval Process - XPP Specific Exp Ctrls					
CD 02245	AWARD: XPP Specific Experiment Config Control	1	31	01/12/10	01/12/10	02/24/10	02/24/10	AWARD	108,431.00					AWARD: XPP Specific Experiment Config Control					
CD 02250	Vendor Fab - XPP Specific Experim Config Control	30	31	01/13/10	02/23/10	02/25/10	04/07/10	SL_MSEQ	108,431.00					Vendor Fab - XPP Specific Experim Config Control					
CD 02255	RCV: Receive All XPP Spec Experim Config Parts	0	31		02/23/10		04/07/10		0.00					RCV: Receive All XPP Spec Experim Config Parts					
9110657 Testing - XPP H3 Data Acquisition																			
CD 01940	System Test XPP Specific Data Acquisition	1	23	04/30/10	04/30/10	06/02/10	06/02/10	SL_CP	40.00					System Test XPP Specific Data Acquisition					
CD 01960	Prepare Docs XPP Specific Data Acquisition	20	23	05/03/10	05/28/10	06/03/10	06/30/10	SL_CP	20.00					Prepare Docs XPP Specific Data Acquisition					
CD 01980	AVAIL: XPP Specific Data Acquisition Hardware	0	23		05/28/10		06/30/10		0.00					AVAIL: XPP Specific Data Acquisition Hardware					
CD 02000	AVAIL: XPP Specific Data Acquisition Software	0	23		05/28/10		06/30/10		0.00					AVAIL: XPP Specific Data Acquisition Software					
9110663 Fab & Assembly - XPP H3 Experiment Config Cntrl																			
CD 02260	Fab/Delvr XPP Specific Experiment Config Control	40	31	02/24/10	04/20/10	04/08/10	06/02/10	SL_CP	60.00					Fab/Delvr XPP Specific Experiment Config Control					
9110658 Design & Engr - XPP H3 DAQ Hutch Data Mgmt																			
CD 02020	Design XPP Specific DAQ Hutch Data Management	100	85	04/27/09	09/11/09	08/24/09	01/26/10	SL_CE	60.00					Design XPP Specific DAQ Hutch Data Management					
CD 02025	COMP: Design XPP Specific DAQ Hutch Data Mgmt	0	85		09/11/09		01/26/10		0.00					COMP: Design XPP Specific DAQ Hutch Data Mgmt					
CD 02040	FDR - XPP Specific DAQ Hutch Data Management	1	85	09/14/09	09/14/09	01/27/10	01/27/10	SL_CE	20.00					FDR - XPP Specific DAQ Hutch Data Management					
CD 02100	Develop S/W XPP Specific DAQ Hutch Data Mgmt	90	85	09/15/09	02/03/10	01/28/10	06/02/10	SL_CP	60.00					Develop S/W XPP Specific DAQ Hutch Data Mgmt					

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		
9110664 Testing - XPP H3 Experiment Config Cntrl																				
CD 02265	Prepare Docs XPP Specific Experim Config Control	20	31	04/21/10	05/18/10	06/03/10	06/30/10	SL_CP	20.00											
CD 02270	AVAIL: XPP Specific Experiment Config Control	0	31		05/18/10		06/30/10		0.00											
9110665 Design & Engr - XPP H3 Valve Controls																				
CD 02560	Design XPP Specific Controls Valve Controls	100	104	04/27/09	09/11/09	09/18/09	02/22/10	SL_CE	10.00											
CD 02561	COMP: XPP Specific Control Design Valve Controls	0	104		09/11/09		02/22/10		0.00											
CD 02562	FDR - XPP Specific Controls Valve Controls	1	104	09/14/09	09/14/09	02/23/10	02/23/10	SL_CE	10.00											
CD 02568	Develop SW XPP Specific Controls Valve Controls	90	105	09/15/09	02/03/10	02/25/10	06/30/10	SL_CP	10.00											
9110666 Procurement - XPP H3 Valve Controls																				
CD 02566	Procurement Preps - XPP Specific Valve	20	91	10/02/09	10/29/09	02/24/10	03/23/10		0.00											
CD 02567	AWARD: XPP Specific Controls Valve Controls	1	91	10/30/09	10/30/09	03/24/10	03/24/10	AWARD	6,007.00											
CD 02570	Vendor Fab - XPP Specific Control Valve Controls	30	91	11/02/09	12/15/09	03/25/10	05/05/10	SL_MSEG	6,007.00											
CD 02572	RCV: Receive All XPP Specific Controls Parts	0	91		12/15/09		05/05/10		0.00											
9110667 Fab & Assembly - XPP H3 Valve Controls																				
CD 02574	Fab/Delvr XPP Specific Controls Valve Controls	40	91	12/16/09	02/23/10	05/06/10	06/30/10	SL_CT	16.00											
9110668 Testing - XPP H3 Valve Controls																				
CD 02576	Prepare Docs XPP Specific Control Valve Controls	20	91	02/24/10	03/23/10	07/01/10	07/28/10	SL_CP	0.00											
CD 02578	AVAIL: XPP Specific Controls Valve Controls HW	0	91		03/23/10		07/28/10		0.00											
CD 02580	AVAIL: XPP Specific Controls Valve Controls SW	0	91		03/23/10		07/28/10		0.00											
9110669 Design & Engr - XPP H3 Vacuum Controls																				
CD 02590	Design XPP Specific Controls Vacuum Controls	100	64	04/27/09	09/11/09	07/24/09	12/14/09	SL_CE	100.00											
CD 02591	COMP: XPP Specific Controls Design Vac Controls	0	64		09/11/09		12/14/09		0.00											
CD 02592	FDR - XPP Specific Controls Vacuum Controls	1	64	09/14/09	09/14/09	12/15/09	12/15/09	SL_CE	10.00											
CD 02598	Develop Software XPP Specific Vacuum Controls	60	135	09/15/09	12/09/09	04/08/10	06/30/10	SL_CP	120.00											
9110670 Subcontract - XPP H3 Vacuum Controls																				
CD 02582	Prep Bid Pkg & App - XPP Specific Vacuum Ctrls	15	51	10/02/09	10/22/09	12/16/09	01/19/10		0.00											
CD 02583	RELEASE: RFP - XPP Specific Vacuum Ctrls	0	51		10/22/09		01/19/10		0.00											
CD 02584	Vendor Proposal Effort -XPP Specific Vacuum Ctrl	20	51	10/23/09	11/19/09	01/20/10	02/16/10		0.00											
CD 02585	RCV: Vendor Deliverables-XPP Specific Vacuum Ct	0	51		11/19/09		02/16/10		0.00											
CD 02586	Eval & Selection Process -XPP Specific Vacuum Ct	15	51	11/20/09	12/14/09	02/17/10	03/09/10		0.00											
CD 02587	Vendor Selection - XPP Specific Vacuum Ctrls	0	51		12/14/09		03/09/10		0.00											
CD 02588	SLAC Approval Process -XPP Specific Vacuum Ctrls	5	51	12/15/09	01/04/10	03/10/10	03/16/10		0.00											
CD 02589	DOE Approval Process - XPP Specific Vacuum Ctrls	5	51	01/05/10	01/11/10	03/17/10	03/23/10		0.00											
CD 02597	AWARD: XPP Specific Controls Vacuum Controls	1	51	01/12/10	01/12/10	03/24/10	03/24/10	AWARD	60,545.00											

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		
CD 02600	Vendor Fab -XPP Specific Control Vacuum Controls	30	51	01/13/10	02/23/10	03/25/10	05/05/10	SL_MSEQ	60,545.00					↓ ↓	Vendor Fab -XPP Specific Control Vacuum Controls					
CD 02602	RCV: Receive All XPP Specific Controls Parts	0	51		02/23/10		05/05/10		0.00					↓	RCV: Receive All XPP Specific Controls Parts					
9110671 Fab & Assembly - XPP H3 Vacuum Controls																				
CD 02604	Fab/Delvr XPP Specific Controls Vacuum Controls	40	51	02/24/10	04/20/10	05/06/10	06/30/10	SL_CT	40.00					↓ ↓	Fab/Delvr XPP Specific Controls Vacuum Controls					
9110672 Testing - XPP H3 Vacuum Controls																				
CD 02606	Prepare Docs XPP Specific Control Vac Controls	20	51	04/21/10	05/18/10	07/01/10	07/28/10	SL_CP	10.00					↓ ↓	Prepare Docs XPP Specific Control Vac Controls					
CD 02608	AVAIL: XPP Specific Controls Vacuum Controls HW	0	51		05/18/10		07/28/10		0.00					↓	AVAIL: XPP Specific Controls Vacuum Controls HW					
CD 02610	AVAIL: XPP Specific Controls Vacuum Controls SW	0	51		05/18/10		07/28/10		0.00					↓	AVAIL: XPP Specific Controls Vacuum Controls SW					
9110673 Design & Engr - XPP H3 Pop-In Profile Mon Cntrls																				
CD 02920	Design XPP Speci Pop-In Profile Monitor Controls	100	49	04/27/09	09/11/09	07/03/09	11/19/09	SL_CE	30.00					↓ ↓	Design XPP Speci Pop-In Profile Monitor Controls					
CD 02925	COMP: Design XPP Pop-In Profile Monitor Controls	0	49		09/11/09		11/19/09		0.00					↓	COMP: Design XPP Pop-In Profile Monitor Controls					
CD 02940	FDR - XPP Specif Pop-In Profile Monitor Controls	1	49	09/14/09	09/14/09	11/20/09	11/20/09	SL_CE	5.00					↓	FDR - XPP Specif Pop-In Profile Monitor Controls					
CD 03000	Develop SW XPP Specif Pop-In PM Controls	60	70	09/15/09	12/09/09	01/07/10	03/31/10	SL_CP	40.00					↓ ↓	Develop SW XPP Specif Pop-In PM Controls					
9110674 Procurement - XPP H3 Pop-In Profile Mon Cntrls																				
CD 02965	Procurement Preps - XPP Specific PopIn PM	20	49	09/15/09	10/12/09	11/23/09	01/05/10		0.00					↓ ↓	Procurement Preps - XPP Specific PopIn PM					
CD 02967	AWARD: XPP Specific Pop-In PM Controls	1	49	10/13/09	10/13/09	01/06/10	01/06/10	AWARD	18,419.00					↓	AWARD: XPP Specific Pop-In PM Controls					
CD 02980	Vendor Fab - XPP Specific Pop-In PM Controls	40	49	10/14/09	12/10/09	01/07/10	03/03/10	SL_MSEG	18,419.00					↓ ↓	Vendor Fab - XPP Specific Pop-In PM Controls					
CD 02990	RCV: Receive All XPP Specific Controls Parts	0	49		12/10/09		03/03/10		0.00					↓	RCV: Receive All XPP Specific Controls Parts					
9110675 Fab & Assembly - XPP H3 Pop-In Profile Mon Cntrl																				
CD 03020	Fab/Delvr XPP Specific Pop-In PM Controls	20	49	12/11/09	01/21/10	03/04/10	03/31/10	SL_CT	40.00					↓ ↓	Fab/Delvr XPP Specific Pop-In PM Controls					
9110676 Testing - XPP H3 Pop-In Profile Mon Cntrls																				
CD 03040	Prepare Docs XPP Specific Pop-In PM Controls	10	49	01/22/10	02/04/10	04/01/10	04/14/10	SL_CP	20.00					↓ ↓	Prepare Docs XPP Specific Pop-In PM Controls					
CD 03060	AVAIL: XPP Specific Pop-In PM Controls HW	0	49		02/04/10		04/14/10		0.00					↓	AVAIL: XPP Specific Pop-In PM Controls HW					
CD 03080	AVAIL: XPP Specific Control Pop-In PM Cntrls SW	0	49		02/04/10		04/14/10		0.00					↓	AVAIL: XPP Specific Control Pop-In PM Cntrls SW					
9110677 Design & Engr - XPP H3 Pop-In Intensity Mon Cntr																				
CD 04760	Design XPP Specific Controls Pop-In IM Controls	80	29	04/27/09	08/14/09	06/05/09	09/24/09	SL_CE	40.00					↓ ↓	Design XPP Specific Controls Pop-In IM Controls					
CD 04765	COMP: Design XPP Specific Pop-In IM Controls	0	29		08/14/09		09/24/09		0.00					↓	COMP: Design XPP Specific Pop-In IM Controls					
CD 04780	FDR - XPP Specific Controls Pop-In IM Controls	1	29	08/17/09	08/17/09	09/25/09	09/25/09	SL_CE	5.00					↓	FDR - XPP Specific Controls Pop-In IM Controls					
CD 04840	Develop SW XPP Specific Pop-In IM Controls	90	70	08/18/09	01/06/10	11/24/09	04/14/10	SL_CP	40.00					↓ ↓	Develop SW XPP Specific Pop-In IM Controls					
9110678 Subcontract - XPP H3 Pop-In Intensity Mon Cntrls																				
CD 04805	Prep Bid Pkg & App - XPP Specific Pop-In IM	15	29	08/18/09	09/07/09	09/28/09	10/16/09		0.00					↓ ↓	Prep Bid Pkg & App - XPP Specific Pop-In IM					
CD 04806	RELEASE: RFP - XPP Specific Pop-In IM	0	29		09/07/09		10/16/09		0.00					↓	RELEASE: RFP - XPP Specific Pop-In IM					
CD 04807	Vendor Proposal Effort -XPP Specific Pop-In IM	20	29	09/08/09	10/05/09	10/19/09	11/13/09		0.00					↓ ↓	Vendor Proposal Effort -XPP Specific Pop-In IM					
CD 04808	RCV: Vendor Deliverables-XPP Specific Pop-In IM	0	29		10/05/09		11/13/09		0.00					↓	RCV: Vendor Deliverables-XPP Specific Pop-In IM					

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		
CD 04809	Eval & Selection Process - XPP Specific Pop-In IM	15	29	10/06/09	10/26/09	11/16/09	12/08/09		0.00							█ Eval & Selection Process - XPP Specific Pop-In IM								
CD 04810	Vendor Selection - XPP Specific Pop-In IM	0	29		10/26/09		12/08/09		0.00							◊ Vendor Selection - XPP Specific Pop-In IM								
CD 04811	SLAC Approval Process -XPP Specific Pop-In IM	5	29	10/27/09	11/02/09	12/09/09	12/15/09		0.00							█ SLAC Approval Process -XPP Specific Pop-In IM								
CD 04812	DOE Approval Process - XPP Specific Pop-In IM	5	29	11/03/09	11/09/09	12/16/09	01/05/10		0.00							█ DOE Approval Process - XPP Specific Pop-In IM								
CD 04815	AWARD: XPP Specific Controls Pop-In IM Controls	1	29	11/10/09	11/10/09	01/06/10	01/06/10	AWARD	29,665.00							█ AWARD: XPP Specific Controls Pop-In IM Controls								
CD 04820	Vendor Fab - XPP Specific Pop-In IM Controls	30	29	11/11/09	01/07/10	01/07/10	02/17/10	SL_MSEQ	29,665.00							█ Vendor Fab - XPP Specific Pop-In IM Controls								
CD 04825	RCV: Receive All XPP Specific Pop-In IM Parts	0	29		01/07/10		02/17/10		0.00							◊ RCV: Receive All XPP Specific Pop-In IM Parts								
9110679 Fab & Assembly - XPP H3 Pop-In Intensity Mon Cnt																								
CD 04860	Fab/Delvr XPP Specific Pop-In IM Controls	40	29	01/08/10	03/04/10	02/18/10	04/14/10	SL_CT	40.00							█ Fab/Delvr XPP Specific Pop-In IM Controls								
9110680 Testing - XPP H3 Pop-In Intensity Mon Cntrls																								
CD 04880	Prepare Docs XPP Specific Pop-In IM Controls	20	29	03/05/10	04/01/10	04/15/10	05/12/10	SL_CP	20.00							█ Prepare Docs XPP Specific Pop-In IM Controls								
CD 04900	AVAIL: XPP Specific Pop-In IM Controls HW	0	29		04/01/10		05/12/10		0.00							◊ AVAIL: XPP Specific Pop-In IM Controls HW								
CD 04920	AVAIL: XPP Specific Pop-In IM Controls SW	0	29		04/01/10		05/12/10		0.00							◊ AVAIL: XPP Specific Pop-In IM Controls SW								
9110681 Design & Engr - XPP H3 Intensity-Pos Mon Cntrls																								
CD 02740	Design XPP Specific IPM Controls	60	49	04/27/09	07/17/09	07/03/09	09/24/09	SL_CE	40.00							█ Design XPP Specific IPM Controls								
CD 02745	COMP: Design XPP Specific Controls IPM Controls	0	49		07/17/09		09/24/09		0.00							◊ COMP: Design XPP Specific Controls IPM Controls								
CD 02760	FDR - XPP Specific Controls IPM Controls	1	49	07/20/09	07/20/09	09/25/09	09/25/09	SL_CE	5.00							█ FDR - XPP Specific Controls IPM Controls								
CD 02820	Develop SW XPP Specific Controls IPM Controls	90	90	07/21/09	11/23/09	11/24/09	04/14/10	SL_CP	40.00							█ Develop SW XPP Specific Controls IPM Controls								
9110682 Subcontract - XPP H3 Intensity-Pos Mon Cntrls																								
CD 02785	Prep Bid Pkg & App - XPP Specific IPM	15	49	07/21/09	08/10/09	09/28/09	10/16/09		0.00							█ Prep Bid Pkg & App - XPP Specific IPM								
CD 02786	RELEASE: RFP - XPP Specific IPM	0	49		08/10/09		10/16/09		0.00							◊ RELEASE: RFP - XPP Specific IPM								
CD 02787	Vendor Proposal Effort -XPP Specific IPM	20	49	08/11/09	09/07/09	10/19/09	11/13/09		0.00							█ Vendor Proposal Effort -XPP Specific IPM								
CD 02788	RCV: Vendor Deliverables-XPP Specific IPM	0	49		09/07/09		11/13/09		0.00							◊ RCV: Vendor Deliverables-XPP Specific IPM								
CD 02789	Eval & Selection Process -XPP Specific IPM	15	49	09/08/09	09/28/09	11/16/09	12/08/09		0.00							█ Eval & Selection Process -XPP Specific IPM								
CD 02790	Vendor Selection - XPP Specific IPM	0	49		09/28/09		12/08/09		0.00							◊ Vendor Selection - XPP Specific IPM								
CD 02791	SLAC Approval Process -XPP Specific IPM	5	49	09/29/09	10/05/09	12/09/09	12/15/09		0.00							█ SLAC Approval Process -XPP Specific IPM								
CD 02792	DOE Approval Process - XPP Specific IPM	5	49	10/06/09	10/12/09	12/16/09	01/05/10		0.00							█ DOE Approval Process - XPP Specific IPM								
CD 02795	AWARD: XPP Specific Controls IPM Controls	1	49	10/13/09	10/13/09	01/06/10	01/06/10	AWARD	46,251.00							█ AWARD: XPP Specific Controls IPM Controls								
CD 02800	Vendor Fab - XPP Specific Controls IPM Controls	30	49	10/14/09	11/24/09	01/07/10	02/17/10	SL_MSEQ	46,251.00							█ Vendor Fab - XPP Specific Controls IPM Controls								
CD 02805	RCV: Receive All XPP Specific Controls IPM Parts	0	49		11/24/09		02/17/10		0.00							◊ RCV: Receive All XPP Specific Controls IPM Parts								
9110683 Fab & Assembly - XPP H3 Intensity-Pos Mon Cntrls																								
CD 02840	Fab/Delvr XPP Specific Controls IPM Controls	40	49	11/25/09	02/04/10	02/18/10	04/14/10	SL_CT	40.00							█ Fab/Delvr XPP Specific Controls IPM Controls								
9110684 Testing - XPP H3 Intensity-Pos Mon Cntrls																								
CD 02860	Prepare Docs XPP Specific Controls IPM Controls	20	49	02/05/10	03/04/10	04/15/10	05/12/10	SL_CP	10.00							█ Prepare Docs XPP Specific Controls IPM Controls								

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			
CD 02880	AVAIL: XPP Specific Controls IPM Controls HW	0	49		03/04/10		05/12/10		0.00																
CD 02900	AVAIL: XPP Specific Controls IPM Controls SW	0	49		03/04/10		05/12/10		0.00																
9110685 Design & Engr - XPP H3 X-Ray Focusing Lens Cntrl																									
CD 03820	Design XPP Specific Controls XFL Controls	100	115	09/14/09	02/16/10	03/10/10	07/27/10	SL_CE	100.00																
CD 03825	COMP: Design XPP Specific Controls XFL Controls	0	115		02/16/10		07/27/10		0.00																
CD 03840	FDR - XPP Specific Controls XFL Controls	1	115	02/17/10	02/17/10	07/28/10	07/28/10	SL_CE	15.00																
CD 03900	Develop SW XPP Specific Controls XFL Controls	90	384	02/18/10	06/23/10	08/26/11	01/13/12	SL_CP	360.00																
9110686 Procurement - XPP H3 X-Ray Focusing Lens Cntrls																									
CD 03865	Procurement Preps - XPP Specific XFL	20	253	02/18/10	03/17/10	02/24/11	03/23/11		0.00																
CD 03870	AWARD: XPP Specific Controls XFL Controls	1	253	03/18/10	03/18/10	03/24/11	03/24/11	AWARD	13,516.00																
CD 03880	Vendor Fab - XPP Specific Controls XFL Controls	100	253	03/19/10	08/05/10	03/25/11	08/11/11	SL_MSEG	13,516.00																
CD 03885	RCV: Receive All XPP Specific Controls XFL Parts	0	253		08/05/10		08/11/11		0.00																
9110687 Fab & Assembly - XPP H3 X-Ray Focusing Lens Cntr																									
CD 03920	Fab/Delvr XPP Specific Controls XFL Controls	100	253	08/06/10	01/10/11	08/12/11	01/13/12	SL_CT	40.00																
9110688 Testing - XPP H3 X-Ray Focusing Lens Cntrls																									
CD 03940	Prepare Docs XPP Specific Controls XFL Controls	20	253	01/11/11	02/07/11	01/16/12	02/15/12	SL_CP	20.00																
CD 03960	AVAIL: XPP Specific Controls XFL Hardware	0	253		02/07/11		02/15/12		0.00																
CD 03980	AVAIL: XPP Specific Controls XFL Software	0	253		02/07/11		02/15/12		0.00																
9110689 Design & Engr - XPP H3 Slit Controls																									
CD 03640	Design XPP Specific Controls Slit Controls	100	84	03/02/09	07/17/09	06/26/09	11/12/09	SL_CE	60.00																
CD 03645	COMP: Design XPP Specific Controls Slit Controls	0	84		07/17/09		11/12/09		0.00																
CD 03660	FDR - XPP Specific Controls Slit Controls	1	84	07/20/09	07/20/09	11/13/09	11/13/09	SL_CE	5.00																
CD 03720	Develop SW XPP Specific Controls Slit Controls	90	85	07/21/09	11/23/09	11/17/09	04/07/10	SL_CP	60.00																
9110690 Procurement - XPP H3 Slit Controls																									
CD 03685	Procurement Preps - XPP Specific Slits	20	84	07/21/09	08/17/09	11/16/09	12/15/09		0.00																
CD 03687	AWARD: XPP Specific Controls Slit Controls	1	51	10/02/09	10/02/09	12/16/09	12/16/09	AWARD	18,621.00																
CD 03700	Vendor Fab - XPP Specific Controls Slit Controls	30	51	10/05/09	11/13/09	12/17/09	02/10/10	SL_MSEQ	18,621.00																
CD 03705	RCV: Receive All XPP Specific Slit Control Parts	0	51		11/13/09		02/10/10		0.00																
9110691 Fab & Assembly - XPP H3 Slit Controls																									
CD 03740	Fab/Delvr XPP Specific Controls Slit Controls	40	51	11/16/09	01/26/10	02/11/10	04/07/10	SL_CT	20.00																
9110692 Testing - XPP H3 Slit Controls																									
CD 03760	Prepare Docs XPP Specific Controls Slit Controls	20	51	01/27/10	02/23/10	04/08/10	05/05/10	SL_CP	10.00																
CD 03780	AVAIL: XPP Specific Controls Slit Controls HW	0	51		02/23/10		05/05/10		0.00																
CD 03800	AVAIL: XPP Specific Controls Slit Controls SW	0	51		02/23/10		05/05/10		0.00																

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		
9110693 Design & Engr - XPP H3 Attenuator Controls																				
CD 03460	Design XPP Specific Controls Attenuator Controls	100	101	10/02/09	03/08/10	03/10/10	07/27/10	SL_CE	60.00											
CD 03465	COMP: Design XPP Specific Attenuator Controls	0	101		03/08/10		07/27/10		0.00											
CD 03480	FDR - XPP Specific Attenuator Controls	1	101	03/09/10	03/09/10	07/28/10	07/28/10	SL_CE	5.00											
CD 03540	Develop SW XPP Specific Attenuator Controls	90	385	03/10/10	07/13/10	09/16/11	02/08/12	SL_CP	60.00											
9110694 Procurement - XPP H3 Attenuator Controls																				
CD 03505	Procure Preps/Approval - XPP Specific Attenuator	20	384	03/10/10	04/06/10	09/15/11	10/12/11		0.00											
CD 03510	AWARD: XPP Specific Attenuator Controls	1	256	10/04/10	10/04/10	10/13/11	10/13/11	AWARD	9,980.00											
CD 03520	Vendor Fab - XPP Specific Attenuator Controls	30	256	10/05/10	11/15/10	10/14/11	12/01/11	SL_MSEG	9,980.00											
CD 03525	RCV: Receive All XPP Specific Attenuator Parts	0	256		11/15/10		12/01/11		0.00											
9110695 Fab & Assembly - XPP H3 Attenuator Controls																				
CD 03560	Fab/Delvr XPP Specific Attenuator Controls	40	256	11/16/10	01/26/11	12/02/11	02/08/12	SL_CT	20.00											
9110696 Testing - XPP H3 Attenuator Controls																				
CD 03580	Prepare Docs XPP Specific Attenuator Controls	20	256	01/27/11	02/23/11	02/09/12	03/07/12	SL_CP	10.00											
CD 03600	AVAIL: XPP Specific Attenuator Controls HW	0	256		02/23/11		03/07/12		0.00											
CD 03620	AVAIL: XPP Specific Attenuator Controls SW	0	256		02/23/11		03/07/12		0.00											
9110697 Design & Engr - XPP H3 HRM Controls																				
CD 05160	Design XPP Specific HR Mirrors Controls	100	101	10/02/09	03/08/10	03/10/10	07/27/10	SL_CE	80.00											
CD 05165	COMP: Design XPP Specific HR Mirrors Controls	0	101		03/08/10		07/27/10		0.00											
CD 05180	FDR - XPP Harmonic Rejection Mirrors Controls	1	101	03/09/10	03/09/10	07/28/10	07/28/10	SL_CE	20.00											
CD 05240	Develop SW XPP Specific HR Mirrors Controls	90	390	03/10/10	07/13/10	09/23/11	02/15/12	SL_CP	220.00											
9110698 Procurement - XPP H3 HRM Controls																				
CD 05205	Procure Preps/Approval - XPP Specific HR Mirror	20	389	03/10/10	04/06/10	09/22/11	10/19/11		0.00											
CD 05210	AWARD: XPP Specific HR Mirrors Controls	1	261	10/04/10	10/04/10	10/20/11	10/20/11	AWARD	19,945.00											
CD 05220	Vendor Fab - XPP Specific HR Mirrors Controls	30	261	10/05/10	11/15/10	10/21/11	12/08/11	SL_MSEG	19,945.00											
CD 05225	RCV: Receive All XPP Specific HR Mirrors Parts	0	261		11/15/10		12/08/11		0.00											
9110699 Fab & Assembly - XPP H3 HRM Controls																				
CD 05260	Fab/Delvr XPP Specific HR Mirrors Controls	40	261	11/16/10	01/26/11	12/09/11	02/15/12	SL_CT	40.00											
9110700 Testing - XPP H3 HRM Controls																				
CD 05280	Prepare Docs XPP Specific HR Mirrors Controls	20	261	01/27/11	02/23/11	02/16/12	03/14/12	SL_CP	40.00											
CD 05300	AVAIL: XPP Specific HR Mirrors Control HW	0	261		02/23/11		03/14/12		0.00											
CD 05320	AVAIL: XPP Specific HR Mirrors Control SW	0	261		02/23/11		03/14/12		0.00											
9110701 Design & Engr - XPP H3 Vision Camera Controls																				
CD 04180	Design XPP Specific 2D Camera Controls (BNL)	100	101	10/02/09	03/08/10	03/10/10	07/27/10	SL_CE	40.00											
CD 04185	COMP: Design XPP Specific 2D Camera Controls BNL	0	101		03/08/10		07/27/10		0.00											

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			
CD 04200	FDR - XPP Specific 2D Camera Controls (BNL)	1	101	03/09/10	03/09/10	07/28/10	07/28/10	SL_CE	10.00																
CD 04260	Develop SW XPP Specific 2D Camera Controls (BNL)	90	342	03/10/10	07/13/10	07/19/11	11/28/11	SL_CP	80.00																
9110702 Procurement - XPP H3 Vision Camera Controls																									
CD 04225	Procure Preps/Approval - XPP Specific 2D Camera	20	361	03/10/10	04/06/10	08/15/11	09/09/11		0.00																
CD 04230	AWARD: XPP Specific 2D Camera Controls (BNL)	1	361	04/07/10	04/07/10	09/12/11	09/12/11	AWARD	10,000.00																
CD 04240	Vendor Fab - XPP Specific 2D Camera Controls BNL	30	361	04/08/10	05/19/10	09/13/11	10/24/11	SL_MSEG	10,000.00																
CD 04245	RCV: Recv All XPP Specific 2D Camera BNL Parts	0	361		05/19/10		10/24/11		0.00																
9110703 Fab & Assembly - XPP H3 Vision Camera Controls																									
CD 04280	Fab/Delvr XPP Specific 2D Camera Controls (BNL)	40	361	05/20/10	07/14/10	10/25/11	01/03/12	SL_CT	20.00																
9110704 Testing - XPP H3 Vision Camera Controls																									
CD 04300	Prepare Docs XPP Specific 2D Camera Controls BNL	20	342	07/14/10	08/10/10	11/29/11	01/03/12	SL_CP	10.00																
CD 04320	AVAIL: XPP Specific 2D Camera Controls (BNL) HW	0	342		08/10/10		01/03/12		0.00																
CD 04340	AVAIL: XPP Specific 2D Camera Controls (BNL) SW	0	342		08/10/10		01/03/12		0.00																
9110705 Design & Engr - XPP H3 Diffrac/WAD Cntrls																									
CD 04360	Design XPP Specific Diffrac/WA Detector Controls	40	79	04/27/09	06/19/09	08/14/09	10/08/09	SL_CE	80.00																
CD 04365	COMP: Design XPP Specif Diffrac/WA Detector Cont	0	79		06/19/09		10/08/09		0.00																
CD 04380	FDR - XPP Specific Diffrac/WA Detector Controls	1	79	06/22/09	06/22/09	10/09/09	10/09/09	SL_CE	20.00																
CD 04440	Develop SW XPP Specific Diffrac/WA Detector Cntr	90	100	06/23/09	10/26/09	11/10/09	03/31/10	SL_CP	300.00																
9110706 Subcontract - XPP H3 Diffrac/WAD Cntrls																									
CD 04405	Prep Bid Pkg & App - XPP Speci Diffrac/WA Detect	15	79	06/23/09	07/13/09	10/12/09	10/30/09		0.00																
CD 04406	RELEASE: RFP - XPP Specific DWAD Cntrls	0	79		07/13/09		10/30/09		0.00																
CD 04407	Vendor Proposal Effort -XPP Specific DWAD Cntrls	20	79	07/14/09	08/10/09	11/02/09	12/01/09		0.00																
CD 04408	RCV: Vendor Deliverables-XPP Specific DWAD Ctrl	0	79		08/10/09		12/01/09		0.00																
CD 04409	Eval & Selection Process -XPP Specific DWAD Ctrl	15	79	08/11/09	08/31/09	12/02/09	01/05/10		0.00																
CD 04410	Vendor Selection - XPP Specific DWAD Cntrls	0	79		08/31/09		01/05/10		0.00																
CD 04411	SLAC Approval Process -XPP Specific DWAD Cntrls	5	79	09/01/09	09/07/09	01/06/10	01/12/10		0.00																
CD 04412	DOE Approval Process - XPP Specific DWAD Cntrls	5	79	09/08/09	09/14/09	01/13/10	01/19/10		0.00																
CD 04415	AWARD: XPP Specific Diffrac/WA Detector Controls	1	66	10/02/09	10/02/09	01/20/10	01/20/10	AWARD	40,940.00																
CD 04420	Vendor Fab - XPP Specific Diffrac/WA Detector Co	30	66	10/05/09	11/13/09	01/21/10	03/03/10	SL_MSEQ	40,940.00																
CD 04425	RCV: Recv All XPP Specif Diffrac/WA Detect Parts	0	66		11/13/09		03/03/10		0.00																
9110707 Fab & Assembly - XPP H3 Diffrac/WAD Cntrls																									
CD 04460	Fab/Delvr XPP Specific Diffrac/WA Detector Contr	40	66	11/16/09	01/26/10	03/04/10	04/28/10	SL_CT	30.00																
9110708 Testing - XPP H3 Diffrac/WAD Cntrls																									
CD 04480	Prep Docs XPP Specific Diffrac/WA Detector Cntrl	20	100	10/27/09	11/23/09	04/01/10	04/28/10	SL_CP	20.00																

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								
CD 04500	AVAIL: XPP Specific Diffrac/WA Detector Cntrl HW	0	66		01/26/10		04/28/10		0.00							◆ AVAIL: XPP Specific Diffrac/WA Detector Cntrl HW														
CD 04520	AVAIL: XPP Specific Diffrac/WA Detector Cntrl SW	0	66		01/26/10		04/28/10		0.00							◆ AVAIL: XPP Specific Diffrac/WA Detector Cntrl SW														
9110709 Design & Engr - XPP H3 Laser System Controls																														
CD 04960	Design XPP Laser System Controls	100	101	10/02/09	03/08/10	03/10/10	07/27/10	SL_CE	90.00							▾ Design XPP Laser System Controls														
CD 04965	COMP: Design XPP Laser System Controls	0	101		03/08/10		07/27/10		0.00						◆ COMP: Design XPP Laser System Controls															
CD 04980	FDR - XPP Laser System Controls	1	101	03/09/10	03/09/10	07/28/10	07/28/10	SL_CE	20.00						▾ FDR - XPP Laser System Controls															
CD 05040	Develop Software XPP Laser System Controls	90	401	03/10/10	07/13/10	10/10/11	03/01/12	SL_CP	220.00						▾ Develop Software XPP Laser System Controls															
9110710 Procurement - XPP H3 Laser System Controls																														
CD 05005	Procure Preps/Approval - XPP Laser System Cntrl	20	252	10/04/10	10/29/10	10/07/11	11/03/11		0.00						▾ Procure Preps/Approval - XPP Laser System Cntrl															
CD 05010	AWARD: XPP Laser System Controls	1	252	11/01/10	11/01/10	11/04/11	11/04/11	AWARD	0.00						▾ AWARD: XPP Laser System Controls															
CD 05020	Vendor Fab - XPP Laser System Controls	30	252	11/02/10	12/15/10	11/07/11	12/23/11	SL_MSEG	0.00						▾ Vendor Fab - XPP Laser System Controls															
CD 05025	RCV: Receive All XPP Laser System Controls Parts	0	252		12/15/10		12/23/11		0.00						RCV: Receive All XPP Laser System Controls Part															
9110711 Fab & Assembly - XPP H3 Laser System Controls																														
CD 05060	Fab/Delvr XPP Laser System Controls	40	252	12/16/10	02/23/11	01/03/12	03/01/12	SL_CT	60.00						▾ Fab/Delvr XPP Laser System Controls															
9110712 Testing - XPP H3 Laser System Controls																														
CD 05080	Prepare Docs XPP Laser System Controls	20	252	02/24/11	03/23/11	03/02/12	03/29/12	SL_CP	40.00						▾ Prepare Docs XPP Laser System Control															
CD 05100	AVAIL: XPP Laser System Controls Hardware	0	252		03/23/11		03/29/12		0.00						◆ AVAIL: XPP Laser System Controls Hardwar															
CD 05120	AVAIL: XPP Laser System Controls Software	0	252		03/23/11		03/29/12		0.00						◆ AVAIL: XPP Laser System Controls Softwar															
9110713 Design & Engr - XPP H3 Laser Optics Controls																														
CD 05347	Design XPP Laser Optics Controls	40	119	04/27/09	06/19/09	10/09/09	12/07/09	SL_CE	40.00						▾ Design XPP Laser Optics Controls															
CD 05348	COMP: Design XPP Laser Optics Controls	0	119		06/19/09		12/07/09		0.00						◆ COMP: Design XPP Laser Optics Controls															
CD 05349	FDR - XPP Laser Optics Controls	1	119	06/22/09	06/22/09	12/08/09	12/08/09	SL_CE	10.00						▾ FDR - XPP Laser Optics Controls															
CD 05357	Develop Software XPP Laser Optics Controls	90	160	06/23/09	10/26/09	02/18/10	06/23/10	SL_CP	110.00						▾ Develop Software XPP Laser Optics Controls															
9110714 Subcontract - XPP H3 Laser Optics Controls																														
CD 05335	Prep Bid Pkg & App - XPP Laser Optics	15	46	10/02/09	10/22/09	12/09/09	01/12/10		0.00						▾ Prep Bid Pkg & App - XPP Laser Optics															
CD 05336	RELEASE: RFP - XPP Laser Optics	0	46		10/22/09		01/12/10		0.00						◆ RELEASE: RFP - XPP Laser Optics															
CD 05337	Vendor Proposal Effort -XPP Laser Optics	20	46	10/23/09	11/19/09	01/13/10	02/09/10		0.00						▾ Vendor Proposal Effort -XPP Laser Optics															
CD 05338	RCV: Vendor Deliverables-XPP Laser Optics	0	46		11/19/09		02/09/10		0.00						◆ RCV: Vendor Deliverables-XPP Laser Optics															
CD 05339	Eval & Selection Process -XPP Laser Optics	15	46	11/20/09	12/14/09	02/10/10	03/02/10		0.00						▾ Eval & Selection Process -XPP Laser Optics															
CD 05340	Vendor Selection - XPP Laser Optics	0	46		12/14/09		03/02/10		0.00						◆ Vendor Selection - XPP Laser Optics															
CD 05341	SLAC Approval Process -XPP Laser Optics	5	46	12/15/09	01/04/10	03/03/10	03/09/10		0.00						▾ SLAC Approval Process -XPP Laser Optics															
CD 05342	DOE Approval Process - XPP Laser Optics	5	46	01/05/10	01/11/10	03/10/10	03/16/10		0.00						▾ DOE Approval Process - XPP Laser Optics															
CD 05352	AWARD: XPP Laser Optics Controls	1	46	01/12/10	01/12/10	03/17/10	03/17/10	AWARD	78,455.00						▾ AWARD: XPP Laser Optics Controls															
CD 05353	Vendor Fab - XPP Laser Optics Controls	30	46	01/13/10	02/23/10	03/18/10	04/28/10	SL_MSEQ	78,455.00						▾ Vendor Fab - XPP Laser Optics Controls															

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		
CD 05355	RCV: Receive All XPP Laser Optics Parts	0	46		02/23/10		04/28/10		0.00						RCV: Receive All XPP Laser Optics Parts					
9110715 Fab & Assembly - XPP H3 Laser Optics Controls																				
CD 05359	Fab/Delvr XPP Laser Optics Controls	40	46	02/24/10	04/20/10	04/29/10	06/23/10	SL_CT	80.00						Fab/Delvr XPP Laser Optics Controls					
9110716 Testing - XPP H3 Laser Optics Controls																				
CD 05361	Prepare Docs XPP Laser Optics Controls	20	46	04/21/10	05/18/10	06/24/10	07/21/10	SL_CP	10.00						Prepare Docs XPP Laser Optics Controls					
CD 05363	AVAIL: XPP Laser Optics Controls Hardware	0	46		05/18/10		07/21/10		0.00						AVAIL: XPP Laser Optics Controls Hardware					
CD 05365	AVAIL: XPP Laser Optics Controls Software	0	46		05/18/10		07/21/10		0.00						AVAIL: XPP Laser Optics Controls Software					
9110717 Design & Engr - XPP H3 Laser Diagnostics																				
CD 05370	Design XPP Laser Diagnostics	100	90	04/27/09	09/11/09	08/31/09	02/02/10	SL_CE	120.00						Design XPP Laser Diagnostics					
CD 05375	COMP: Design Laser Diagnostics	0	90		09/11/09		02/02/10		0.00						COMP: Design Laser Diagnostics					
CD 05380	FDR - XPP Laser Diagnostics Controls	1	90	09/14/09	09/14/09	02/03/10	02/03/10	SL_CE	20.00						FDR - XPP Laser Diagnostics Controls					
CD 05440	Develop Software XPP Laser Diagnostics	90	90	09/15/09	02/03/10	02/04/10	06/09/10	SL_CP	40.00						Develop Software XPP Laser Diagnostics					
9110718 Procurement - XPP H3 Laser Diagnostics																				
CD 05405	Procurement Preps - XPP Laser Diagnostics	20	96	10/02/09	10/29/09	03/03/10	03/30/10		0.00						Procurement Preps - XPP Laser Diagnostics					
CD 05410	AWARD: XPP Laser Diagnostics Controls	1	96	10/30/09	10/30/09	03/31/10	03/31/10	AWARD	0.00						AWARD: XPP Laser Diagnostics Controls					
CD 05420	Vendor Fab - XPP Laser Diagnostics	30	96	11/02/09	12/15/09	04/01/10	05/12/10	SL_MSEG	0.00						Vendor Fab - XPP Laser Diagnostics					
CD 05425	RCV: Receive All XPP Laser Diagnostics Parts	0	96		12/15/09		05/12/10		0.00						RCV: Receive All XPP Laser Diagnostics Parts					
9110719 Fab & Assembly - XPP H3 Laser Diagnostics																				
CD 05460	Fab/Delvr XPP Laser Diagnostics	40	96	12/16/09	02/23/10	05/13/10	07/07/10	SL_CT	10.00						Fab/Delvr XPP Laser Diagnostics					
9110720 Testing - XPP H3 Laser Diagnostics																				
CD 05480	Prepare Docs XPP Laser Diagnostics	20	90	02/04/10	03/03/10	06/10/10	07/07/10	SL_CP	10.00						Prepare Docs XPP Laser Diagnostics					
CD 05500	AVAIL: XPP Laser Diagnostics Hardware	0	90		03/03/10		07/07/10		0.00						AVAIL: XPP Laser Diagnostics Hardware					
CD 05520	AVAIL: XPP Laser Diagnostics Software	0	90		03/03/10		07/07/10		0.00						AVAIL: XPP Laser Diagnostics Software					
9110721 Design & Engr - XPP H3 Cntrls Sys Integ																				
CD 07560	Design XPP Controls System Integration Test	100	41	10/02/09	03/08/10	12/02/09	05/04/10	SL_CE	80.00						Design XPP Controls System Integration Test					
CD 07561	COMP:Design XPP Controls System Integration Test	0	41		03/08/10		05/04/10		0.00						COMP:Design XPP Controls System Integration Test					
CD 07562	FDR - XPP Controls System Integration Test	1	41	03/09/10	03/09/10	05/05/10	05/05/10	SL_CE	20.00						FDR - XPP Controls System Integration Test					
9110722 Testing - XPP H3 Cntrls Sys Integ																				
CD 07566	Perform XPP Controls System Integration Test	20	41	03/10/10	04/06/10	05/06/10	06/02/10	SL_CP	360.00						Perform XPP Controls System Integration Test					
CD 07568	Prepare Docs XPP Controls Syst Integration Test	20	41	04/07/10	05/04/10	06/03/10	06/30/10	SL_CP	20.00						Prepare Docs XPP Controls Syst Integration Test					
CD 07570	AVAIL: XPP Controls System Integration Test Comp	0	41		05/04/10		06/30/10		0.00						AVAIL: XPP Controls System Integration Test Comp					
9110936 Design & Engr - XPP H3 Pulse Picker Controls																				
CD03685	Design XPP Pulse Picker Controls	80	159	01/19/09A	05/08/09	01/19/09A	01/04/10	SL_CE	40.00						Design XPP Pulse Picker Controls					
CD03690	COMP: Design XPP Pulse Picker Controls	0	159		05/08/09		01/04/10		0.00						COMP: Design XPP Pulse Picker Controls					
CD03695	FDR - XPP Pulse Picker Controls	1	159	05/11/09	05/11/09	01/05/10	01/05/10	SL_CE	10.00						FDR - XPP Pulse Picker Controls					

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																		
9110937 Subcontract - XPP H3 Pulse Picker Controls																																								
CD03700	Prep Bid Pkg & App - XPP Pulse Picker Cntrl	15	159	05/12/09	06/01/09	01/06/10	01/26/10			0.00																														
CD03705	RELEASE: RFP - XPP Pulse Picker Cntrl	0	159		06/01/09		01/26/10			0.00																														
CD03710	Vendor Proposal Effort - XPP Pulse Picker Cntrl	20	159	06/02/09	06/29/09	01/27/10	02/23/10			0.00																														
CD03715	RCV: Vendor Deliverables-XPP Pulse Picker Cntrl	0	159		06/29/09		02/23/10			0.00																														
CD03720	Eval & Selection Process -XPP Pulse Picker Cntrl	15	159	06/30/09	07/20/09	02/24/10	03/16/10			0.00																														
CD03725	Vendor Selection - XPP Pulse Picker Cntrl	0	159		07/20/09		03/16/10			0.00																														
CD03730	SLAC Approval Process -XPP Pulse Picker Cntrl	5	159	07/21/09	07/27/09	03/17/10	03/23/10			0.00																														
CD03735	DOE Approval Process - XPP Pulse Picker Cntrl	5	159	07/28/09	08/03/09	03/24/10	03/30/10			0.00																														
CD03740	AWARD: XPP Pulse Picker Controls	1	159	08/04/09	08/04/09	03/31/10	03/31/10	AWARD		10,777.00																														
CD03745	Vendor Fab - XPP Pulse Picker Controls	30	159	08/05/09	09/15/09	04/01/10	05/12/10	SL_MSEG		10,777.00																														
CD03750	RCV: Receive All XPP Pulse Picker Controls Parts	0	159		09/15/09		05/12/10			0.00																														
CD03755	Develop Software XPP Pulse Picker Controls	90	180	05/12/09	09/14/09	02/04/10	06/09/10	SL_CP		60.00																														
9110938 Fab & Assembly - XPP H3 Pulse Picker Controls																																								
CD03760	Fab/Delvr XPP Pulse Picker Controls	40	159	09/16/09	11/10/09	05/13/10	07/07/10	SL_CT		20.00																														
9110939 Testing - XPP H3 Pulse Picker Controls																																								
CD03765	Prepare Docs XPP Pulse Picker Controls	20	180	09/15/09	10/12/09	06/10/10	07/07/10	SL_CP		5.00																														
CD03770	AVAIL: XPP Pulse Picker Controls Hardware	0	159		11/10/09		07/07/10			0.00																														
CD03775	AVAIL: XPP Pulse Picker Controls Software	0	159		11/10/09		07/07/10			0.00																														
1.6.04.01 CXI Requirements, Design, Setup																																								
9110723 CXI H5 Controls Requirements & Design Support																																								
CD 07600	Prepare Requirements - CXI	25		10/02/08A	12/03/08A	10/02/08A	12/03/08A	SL_CE		20.00																														
CD 07620	Prepare Controls ICD - CXI	25		12/04/08A	02/18/09A	12/04/08A	02/18/09A	SL_CE		20.00																														
CD 07640	Prepare Final Device List for CXI	10	55	02/19/09A	03/04/09	02/19/09A	05/20/09	SL_CE		20.00																														
CD 07660	Preliminary Design for CXI	50	55	03/05/09	05/13/09	05/21/09	07/29/09	SL_CE		130.00																														
CD 07700	PDR - CXI Controls Requirements & Design	1	55	05/14/09	05/14/09	07/30/09	07/30/09	SL_CE		30.00																														
CD 07740	Post PDR Design Effort for CXI Requirments	10	55	05/15/09	05/28/09	07/31/09	08/13/09	SL_CE		5.00																														
CD 07750	PDR - Prelim Design Review - CXI Phase 2	1	55	05/29/09	05/29/09	08/14/09	08/14/09	SL_CE		30.00																														
CD 07760	Post Design Effort Phase 2 - CXI Req'mts	20	55	06/01/09	06/26/09	08/17/09	09/11/09	SL_CE		40.00																														
CD 07780	Post Design Effort Phase 3 - CXI Req'mts	50	55	06/29/09	09/04/09	09/14/09	11/20/09			0.00																														
9110725 Subcontract - CXI H5 Development Test Setup																																								
CD 07770	Procure Preps/Approval - CXI Develop Test Setup	100	146	05/15/09	10/01/09	12/09/09	05/11/10			0.00																														
CD 07772	AWARD: CXI Specific Hardware & Software	1	82	01/18/10	01/18/10	05/12/10	05/12/10	AWARD		25,000.00																														

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		
CD 07782	Vendor Fab - CXI Specific Hardware & Software	100	82	01/19/10	06/07/10	05/13/10	09/29/10	SL_MSEQ	25,000.00											
CD 07785	RCV: Recv All CXI Development Test Setup Parts	0	82		06/07/10		09/29/10		0.00											
9110726 Installation - CXI H5 Development Test Setup																				
CD 07800	Fab/Delvr CXI Specific Hardware & Software	60	82	06/08/10	08/30/10	09/30/10	01/07/11	SL_CT	80.00											
CD 07820	Develop Software for CXI Test Setup	90	82	08/31/10	01/19/11	01/10/11	05/13/11	SL_CP	200.00											
CD 07840	COMP: CXI Test Setup	0	82		01/19/11		05/13/11		0.00											
1.6.04.02 CXI Standard Hutch Controls																				
9110727 Design & Engr - CXI H5 Cables & Racks																				
CD 07860	Prepare Parts List for CXI Hutch Cables & Racks	60	65	05/15/09	08/06/09	08/14/09	11/05/09	SL_CE	80.00											
CD 07880	Prepare Layout for CXI Hutch Cables & Racks	25	65	08/07/09	09/10/09	11/06/09	12/14/09	SL_CE	100.00											
9110728 Subcontract - CXI H5 Cables & Racks																				
CD 07885	Prep Bid Pkg & App - CXI Hutch Cables & Racks	15	65	09/11/09	10/01/09	12/15/09	01/18/10		0.00											
CD 07886	RELEASE: RFP - CXI Hutch Cables & Racks	0	65		10/01/09		01/18/10		0.00											
CD 07887	Vendor Proposal Effort -CXI Hutch Cables & Racks	20	65	10/02/09	10/29/09	01/19/10	02/15/10		0.00											
CD 07888	RCV: Vendor Deliverables-CXI Hutch Cables & Rac	0	65		10/29/09		02/15/10		0.00											
CD 07889	Eval & Selection Process -CXI Hutch Cables & Rac	15	65	10/30/09	11/19/09	02/16/10	03/08/10		0.00											
CD 07890	Vendor Selection - CXI Hutch Cables & Racks	0	65		11/19/09		03/08/10		0.00											
CD 07891	SLAC Approval Process -CXI Hutch Cables & Racks	5	65	11/20/09	11/30/09	03/09/10	03/15/10		0.00											
CD 07892	DOE Approval Process - CXI Hutch Cables & Racks	5	65	12/01/09	12/07/09	03/16/10	03/22/10		0.00											
CD 07895	AWARD: CXI Hutch Cables & Racks	1	46	01/18/10	01/18/10	03/23/10	03/23/10	AWARD	263,842.00											
CD 07900	Vendor Fab - CXI Hutch Cables & Racks	20	46	01/19/10	02/15/10	03/24/10	04/20/10	SL_MSEQ	263,842.00											
CD 07905	RCV: Receive All CXI Hutch Cables & Racks Parts	0	46		02/15/10		04/20/10		0.00											
9110729 Fab & Assembly - CXI H5 Cables & Racks																				
CD 07920	Fab/Delvr CXI Hutch Cables & Racks	20	46	02/16/10	03/15/10	04/21/10	05/18/10	SL_CT	300.00											
CD 07940	Prepare Docs CXI Hutch Cables & Racks	20	46	03/16/10	04/12/10	05/19/10	06/15/10	SL_CT	80.00											
CD 07960	AVAIL: CXI Hutch Cables & Racks	0	46		04/12/10		06/15/10		0.00											
9110731 Subcontract - CXI H5 Workstation																				
CD 08000	Procurement Preps - CXI Hutch Workstation	40	175	09/07/09	10/30/09	05/26/10	07/20/10		0.00											
CD 08005	AWARD: CXI Hutch Workstation	1	132	01/18/10	01/18/10	07/21/10	07/21/10	AWARD	8,200.00											
CD 08010	Vendor Fab - CXI Hutch Workstation	100	132	01/19/10	06/07/10	07/22/10	12/10/10	SL_MSEG	8,200.00											
CD 08015	RCV: Receive All CXI Hutch Workstation Parts	0	132		06/07/10		12/10/10		0.00											
9110732 Fab & Assembly - CXI H5 Workstation																				
CD 08020	Fab/Delvr CXI Hutch Workstation	40	132	06/08/10	08/02/10	12/13/10	02/18/11	SL_CP	80.00											

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		
9110733 Testing - CXI H5 Workstation																				
CD 08040	System Test CXI Hutch Workstation	20	132	08/03/10	08/30/10	02/21/11	03/18/11	SL_CP	20.00											
CD 08060	Prepare Docs CXI Hutch Workstation	20	132	08/31/10	09/27/10	03/21/11	04/15/11	SL_CP	5.00											
CD 08080	AVAIL: CXI Hutch Workstation Hardware	0	132		09/27/10		04/15/11		0.00											
CD 08100	AVAIL: CXI Hutch Workstation Software	0	132		09/27/10		04/15/11		0.00											
9110734 Procurement - CXI H5 Beam Line Processor																				
CD 08140	Procurement Preps - CXI Hutch Beam Line	100	55	09/07/09	02/09/10	11/23/09	04/27/10		0.00											
CD 08141	AWARD: CXI Hutch Beam Line Processor	1	55	02/10/10	02/10/10	04/28/10	04/28/10	AWARD	18,039.00											
CD 08142	Vendor Fab - CXI Hutch Beam Line Processor	100	55	02/11/10	06/30/10	04/29/10	09/15/10	SL_MSEG	18,039.00											
CD 08145	RCV: Receive All CXI Hutch Beam Line Parts	0	55		06/30/10		09/15/10		0.00											
9110735 Fab & Assembly - CXI H5 Beam Line Processor																				
CD 08160	Fab/Delvr CXI Hutch Beam Line Processor	100	55	07/01/10	11/17/10	09/16/10	02/18/11	SL_CP	20.00											
9110736 Testing - CXI H5 Beam Line Processor																				
CD 08180	System Test CXI Hutch Beam Line Processor	20	55	11/18/10	12/17/10	02/21/11	03/18/11	SL_CP	20.00											
CD 08200	Prepare Docs CXI Hutch Beam Line Processor	20	55	01/03/11	01/28/11	03/21/11	04/15/11	SL_CP	5.00											
CD 08220	AVAIL: CXI Hutch Beam Line Processor Hardware	0	55		01/28/11		04/15/11		0.00											
CD 08240	AVAIL: CXI Hutch Beam Line Processor Software	0	55		01/28/11		04/15/11		0.00											
9110737 Procurement - CXI H5 Channel Access Gateway																				
CD 08280	Procure Preps/Approval CXI Hutch Channel Access	100	115	09/07/09	02/09/10	03/03/10	07/20/10		0.00											
CD 08281	AWARD: CXI Hutch Channel Access Gateway	1	115	02/10/10	02/10/10	07/21/10	07/21/10	AWARD	8,469.00											
CD 08282	Vendor Fab - CXI Hutch Channel Access Gateway	100	115	02/11/10	06/30/10	07/22/10	12/10/10	SL_MSEG	8,469.00											
CD 08285	RCV: Receive All CXI Hutch Channel Access Parts	0	115		06/30/10		12/10/10		0.00											
9110738 Fab & Assembly - CXI H5 Channel Access Gateway																				
CD 08290	Fab/Delvr CXI Hutch Channel Access Gateway	40	115	07/01/10	08/25/10	12/13/10	02/18/11	SL_CP	30.00											
9110739 Testing - CXI H5 Channel Access Gateway																				
CD 08300	System Test CXI Hutch Channel Access Gateway	20	115	08/26/10	09/22/10	02/21/11	03/18/11	SL_CP	20.00											
CD 08320	Prepare Docs CXI Hutch Channel Access Gateway	20	115	09/23/10	10/20/10	03/21/11	04/15/11	SL_CP	5.00											
CD 08340	AVAIL: CXI Hutch Channel Access Gateway Hardware	0	115		10/20/10		04/15/11		0.00											
CD 08360	AVAIL: CXI Hutch Channel Access Gateway Software	0	115		10/20/10		04/15/11		0.00											
9110740 Procurement - CXI H5 Channel Access Gateway																				
CD 08400	Procurement Preps - CXI Hutch MPS	100	115	09/07/09	02/09/10	03/03/10	07/20/10		0.00											
CD 08401	AWARD: CXI Hutch MPS	1	115	02/10/10	02/10/10	07/21/10	07/21/10	AWARD	17,203.00											
CD 08402	Vendor Fab - CXI Hutch MPS	100	115	02/11/10	06/30/10	07/22/10	12/10/10	SL_MSEG	17,203.00											
CD 08405	RCV: Receive All CXI Hutch MPS Parts	0	115		06/30/10		12/10/10		0.00											

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																	
9110741 Fab & Assembly - CXI H5 Channel Access Gateway																																															
CD 08420	Fab/Delvr CXI Hutch MPS	40	115	07/01/10	08/25/10	12/13/10	02/18/11	SL_CT	20.00																											<ul style="list-style-type: none"> Fab/Delvr CXI Hutch MPS 											
9110742 Testing - CXI H5 Channel Access Gateway																																															
CD 08440	System Test CXI Hutch MPS	20	115	08/26/10	09/22/10	02/21/11	03/18/11	SL_CP	20.00																											<ul style="list-style-type: none"> System Test CXI Hutch MPS 											
CD 08460	Prepare Docs CXI Hutch MPS	20	115	09/23/10	10/20/10	03/21/11	04/15/11	SL_CP	5.00																											<ul style="list-style-type: none"> Prepare Docs CXI Hutch MPS 											
CD 08480	AVAIL: CXI Hutch MPS Hardware	0	115		10/20/10		04/15/11		0.00																											<ul style="list-style-type: none"> AVAIL: CXI Hutch MPS Hardware 											
CD 08500	AVAIL: CXI Hutch MPS Firmware	0	115		10/20/10		04/15/11		0.00																											<ul style="list-style-type: none"> AVAIL: CXI Hutch MPS Firmware 											
1.6.04.03 CXI Specific Controls																																															
9110743 Design & Engr - CXI H5 Data Acquisition																																															
CD 08540	Design CXI Specific Data Acquisition	100	134	09/07/09	02/09/10	03/30/10	08/16/10	SL_CE	190.00																												<ul style="list-style-type: none"> Design CXI Specific Data Acquisition 										
CD 08545	COMP: Design CXI Specific Data Acquisition	0	134		02/09/10		08/16/10		0.00																												<ul style="list-style-type: none"> COMP: Design CXI Specific Data Acquisition 										
CD 08560	FDR - CXI Specific Data Acquisition	1	134	02/10/10	02/10/10	08/17/10	08/17/10	SL_CE	40.00																												<ul style="list-style-type: none"> FDR - CXI Specific Data Acquisition 										
CD 08620	Develop Software CXI Specific Data Acquisition	90	185	02/11/10	06/16/10	10/28/10	03/18/11	SL_CE	340.00																												<ul style="list-style-type: none"> Develop Software CXI Specific Data Acquisition 										
9110744 Subcontract - CXI H5 Data Acquisition																																															
CD 08580	Prep Bid Pkg & App - CXI Specific Data Acq	15	134	02/11/10	03/03/10	08/18/10	09/07/10		0.00																												<ul style="list-style-type: none"> Prep Bid Pkg & App - CXI Specific Data Acq 										
CD 08581	RELEASE: RFP - CXI Specific Data Acq	0	134		03/03/10		09/07/10		0.00																												<ul style="list-style-type: none"> RELEASE: RFP - CXI Specific Data Acq 										
CD 08582	Vendor Proposal Effort -CXI Specific Data Acq	20	134	03/04/10	03/31/10	09/08/10	10/05/10		0.00																												<ul style="list-style-type: none"> Vendor Proposal Effort -CXI Specific Data Acq 										
CD 08583	RCV: Vendor Deliverables-CXI Specific Data Acq	0	134		03/31/10		10/05/10		0.00																												<ul style="list-style-type: none"> RCV: Vendor Deliverables-CXI Specific Data Acq 										
CD 08584	Eval & Selection Process -CXI Specific Data Acq	15	134	04/01/10	04/21/10	10/06/10	10/26/10		0.00																												<ul style="list-style-type: none"> Eval & Selection Process -CXI Specific Data Acq 										
CD 08585	Vendor Selection - CXI Specific Data Acq	0	134		04/21/10		10/26/10		0.00																												<ul style="list-style-type: none"> Vendor Selection - CXI Specific Data Acq 										
CD 08586	SLAC Approval Process -CXI Specific Data Acq	5	134	04/22/10	04/28/10	10/27/10	11/02/10		0.00																												<ul style="list-style-type: none"> SLAC Approval Process -CXI Specific Data Acq 										
CD 08587	DOE Approval Process - CXI Specific Data Acq	5	134	04/29/10	05/05/10	11/03/10	11/09/10		0.00																												<ul style="list-style-type: none"> DOE Approval Process - CXI Specific Data Acq 										
CD 08590	AWARD: CXI Specific Data Acquisition (DAQ)	1	134	05/06/10	05/06/10	11/10/10	11/10/10	AWARD	20,516.00																												<ul style="list-style-type: none"> AWARD: CXI Specific Data Acquisition (DAQ) 										
CD 08600	Vendor Fab - CXI Specific Data Acquisition	30	134	05/07/10	06/17/10	11/11/10	01/07/11	SL_MSEG	20,516.00																												<ul style="list-style-type: none"> Vendor Fab - CXI Specific Data Acquisition 										
CD 08605	RCV: Receive All CXI Specific Data Acq Parts	0	134		06/17/10		01/07/11		0.00																												<ul style="list-style-type: none"> RCV: Receive All CXI Specific Data Acq Parts 										
9110745 Fab & Assembly - CXI H5 Data Acquisition																																															
CD 08640	Fab/Delvr CXI Specific Data Acquisition	40	134	06/18/10	08/12/10	01/10/11	03/04/11	SL_CT	120.00																													<ul style="list-style-type: none"> Fab/Delvr CXI Specific Data Acquisition 									
9110746 Testing - CXI H5 Data Acquisition																																															
CD 08660	System Test CXI Specific Data Acquisition	10	134	08/13/10	08/26/10	03/07/11	03/18/11	SL_CP	100.00																													<ul style="list-style-type: none"> System Test CXI Specific Data Acquisition 									
CD 08680	Prepare Docs CXI Specific Data Acquisition	20	134	08/27/10	09/23/10	03/21/11	04/15/11	SL_CP	40.00																													<ul style="list-style-type: none"> Prepare Docs CXI Specific Data Acquisition 									
CD 08700	AVAIL: CXI Specific Data Acquisition Hardware	0	134		09/23/10		04/15/11		0.00																													<ul style="list-style-type: none"> AVAIL: CXI Specific Data Acquisition Hardware 									
CD 08720	AVAIL: CXI Specific Data Acquisition Software	0	134		09/23/10		04/15/11		0.00																													<ul style="list-style-type: none"> AVAIL: CXI Specific Data Acquisition Software 									
9110747 Design & Engr - CXI H5 DAQ Hutch Data Mgmt																																															
CD 08760	Design CXI Specific DAQ Hutch Data Management	100	135	09/07/09	02/09/10	03/31/10	08/17/10	SL_CE	40.00																													<ul style="list-style-type: none"> Design CXI Specific DAQ Hutch Data Management 									

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				
CD 08765	COMP: Design CXI Specific Hutch Data Management	0	135		02/09/10		08/17/10		0.00											COMP: Design CXI Specific Hutch Data Management		
CD 08780	FDR - CXI Specific DAQ Hutch Data Management	1	135	02/10/10	02/10/10	08/18/10	08/18/10	SL_CE	20.00											FDR - CXI Specific DAQ Hutch Data Management		
CD 08840	Develop SW CXI Specific DAQ Hutch Data Mgmt	90	135	02/11/10	06/16/10	08/19/10	01/07/11	SL_CP	60.00											Develop SW CXI Specific DAQ Hutch Data Mgmt		
CD 08900	Prepare Docs CXI Specific DAQ Hutch Data Mgmt	20	135	08/26/10	09/22/10	03/21/11	04/15/11	SL_CP	20.00											Prepare Docs CXI Specific DAQ Hutch Data Mgmt		
9110748 Fab & Assembly - CXI H5 DAQ Hutch Data Mgmt																						
CD 08860	Fab/Delvr CXI Specific DAQ Hutch Data Management	40	135	06/17/10	08/11/10	01/10/11	03/04/11	SL_CT	40.00											Fab/Delvr CXI Specific DAQ Hutch Data Management		
9110749 Testing - CXI H5 DAQ Hutch Data Mgmt																						
CD 08880	System Test CXI Specific DAQ Hutch Data Mgmt	10	135	08/12/10	08/25/10	03/07/11	03/18/11	SL_CP	80.00											System Test CXI Specific DAQ Hutch Data Mgmt		
CD 08920	AVAIL: CXI Specific DAQ Hutch Data Management HW	0	135		09/22/10		04/15/11		0.00											AVAIL: CXI Specific DAQ Hutch Data Management HW		
CD 08940	AVAIL: CXI Specific DAQ Hutch Data Management SW	0	135		09/22/10		04/15/11		0.00											AVAIL: CXI Specific DAQ Hutch Data Management SW		
9110750 Design & Engr - CXI H5 Experiment Config Cntrl																						
CD 08960	Design CXI Specific Experiment Config Control	100	159	09/07/09	02/09/10	05/04/10	09/20/10	SL_CE	40.00											Design CXI Specific Experiment Config Control		
CD 08965	COMP: Design CXI Specific Experiment Config Cntrl	0	159		02/09/10		09/20/10		0.00											COMP: Design CXI Specific Experiment Config Cntrl		
CD 08980	FDR - CXI Specific Experiment Config Control	1	159	02/10/10	02/10/10	09/21/10	09/21/10	SL_CE	10.00											FDR - CXI Specific Experiment Config Control		
CD 09040	Develop SW CXI Specific Experiment Config Cntrl	90	185	02/11/10	06/16/10	10/28/10	03/18/11	SL_CP	270.00											Develop SW CXI Specific Experiment Config Cntrl		
9110751 Subcontract - CXI H5 Experiment Config Cntrl																						
CD 09000	Prep Bid Pkg & App - CXI Specific Experiment	20	159	02/11/10	03/10/10	09/22/10	10/19/10		0.00											Prep Bid Pkg & App - CXI Specific Experiment		
CD 09001	RELEASE: RFP - CXI Specific Exper Config Cntrl	0	159		03/10/10		10/19/10		0.00											RELEASE: RFP - CXI Specific Exper Config Cntrl		
CD 09002	Vendor Proposal Effort -CXI Specific Exper Confi	20	159	03/11/10	04/07/10	10/20/10	11/16/10		0.00											Vendor Proposal Effort -CXI Specific Exper Confi		
CD 09003	RCV: Vendor Deliverables-CXI Specific Exper Con	0	159		04/07/10		11/16/10		0.00											RCV: Vendor Deliverables-CXI Specific Exper Con		
CD 09004	Eval & Selection Process -CXI Specific Exper Con	15	159	04/08/10	04/28/10	11/17/10	12/09/10		0.00											Eval & Selection Process -CXI Specific Exper Con		
CD 09005	Vendor Selection - CXI Specific Exper Config Ctr	0	159		04/28/10		12/09/10		0.00											Vendor Selection - CXI Specific Exper Config Ctr		
CD 09006	SLAC Approval Process -CXI Specific Exper Config	5	159	04/29/10	05/05/10	12/10/10	12/16/10		0.00											SLAC Approval Process -CXI Specific Exper Config		
CD 09007	DOE Approval Process - CXI Specific Exper Config	5	159	05/06/10	05/12/10	12/17/10	01/06/11		0.00											DOE Approval Process - CXI Specific Exper Config		
CD 09010	AWARD: CXI Specific Experiment Config Control	1	159	05/13/10	05/13/10	01/07/11	01/07/11	AWARD	108,131.00											AWARD: CXI Specific Experiment Config Control		
CD 09020	Vendor Fab -CXI Specific Experiment Config Cntrl	30	159	05/14/10	06/24/10	01/10/11	02/18/11	SL_MSEQ	108,131.00											Vendor Fab -CXI Specific Experiment Config Cntrl		
CD 09025	RCV: Receive All CXI Specific Experiment Parts	0	159		06/24/10		02/18/11		0.00											RCV: Receive All CXI Specific Experiment Parts		
9110752 Fab & Assembly - CXI H5 Experiment Config Cntrl																						
CD 09060	Fab/Delvr CXI Specific Experiment Config Control	40	159	06/25/10	08/19/10	02/21/11	04/15/11	SL_CP	60.00											Fab/Delvr CXI Specific Experiment Config Control		
9110753 Testing - CXI H5 Experiment Config Cntrl																						
CD 09080	Prepare Docs CXI Specific Experiment Config Cont	20	185	06/17/10	07/14/10	03/21/11	04/15/11	SL_CP	20.00											Prepare Docs CXI Specific Experiment Config Cont		
CD 09100	AVAIL: CXI Specific Experiment Config Control	0	159		08/19/10		04/15/11		0.00											AVAIL: CXI Specific Experiment Config Control		
9110754 Design & Engr - CXI H5 Valve Controls																						
CD 09320	Design CXI Specific Valve Controls	100	152	09/07/09	02/09/10	04/23/10	09/09/10	SL_CE	5.00											Design CXI Specific Valve Controls		

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		
CD 09321	COMP: Design CXI Specific Valve Controls	0	152		02/09/10		09/09/10		0.00							↓	◆	COMP: Design CXI Specific Valve Controls						
CD 09322	FDR - CXI Specific Valve Controls	1	152	02/10/10	02/10/10	09/10/10	09/10/10		0.00							↓	⊗	FDR - CXI Specific Valve Controls						
CD 09332	Develop SW CXI Specific Valve Controls	90	152	02/11/10	06/16/10	09/13/10	02/01/11	SL_CP	10.00							↓	⬇	Develop SW CXI Specific Valve Controls						
9110755 Procurement - CXI H5 Valve Controls																								
CD 09326	Procure Preps/Approval -CXI Specific Valve Cntrl	20	171	02/11/10	03/10/10	10/08/10	11/04/10		0.00							↓	⬇	Procure Preps/Approval -CXI Specific Valve Cntrl						
CD 09327	AWARD: CXI Specific Valve Controls	1	171	03/11/10	03/11/10	11/05/10	11/05/10	AWARD	6,007.00							↓	⊗	AWARD: CXI Specific Valve Controls						
CD 09328	Vendor Fab - CXI Specific Valve Controls	30	171	03/12/10	04/22/10	11/08/10	01/04/11	SL_MSEG	6,007.00							↓	⬇	Vendor Fab - CXI Specific Valve Controls						
CD 09330	RCV: Receive All CXI Specific Valve Cntrl Parts	0	171		04/22/10		01/04/11		0.00							↓	◆	RCV: Receive All CXI Specific Valve Cntrl Parts						
9110756 Fab & Assembly - CXI H5 Valve Controls																								
CD 09334	Fab/Delvr CXI Specific Valve Controls	40	171	04/23/10	06/17/10	01/05/11	03/01/11	SL_CT	40.00							↓	⬇	Fab/Delvr CXI Specific Valve Controls						
9110757 Testing - CXI H5 Valve Controls																								
CD 09336	Prepare Docs CXI Specific Valve Controls	20	152	06/17/10	07/14/10	02/02/11	03/01/11	SL_CP	10.00							↓	⬇	Prepare Docs CXI Specific Valve Controls						
CD 09338	AVAIL: CXI Specific Valve Controls Hardware	0	152		07/14/10		03/01/11		0.00							↓	◆	AVAIL: CXI Specific Valve Controls Hardware						
CD 09340	AVAIL: CXI Specific Valve Controls Software	0	152		07/14/10		03/01/11		0.00							↓	◆	AVAIL: CXI Specific Valve Controls Software						
9110758 Design & Engr - CXI H5 Vacuum Controls																								
CD 09350	Design CXI Specific Vacuum Controls	100	131	09/07/09	02/09/10	03/25/10	08/11/10	SL_CE	10.00							↓	⬇	Design CXI Specific Vacuum Controls						
CD 09351	COMP: Design CXI Specific Vacuum Controls	0	131		02/09/10		08/11/10		0.00							↓	◆	COMP: Design CXI Specific Vacuum Controls						
CD 09352	FDR - CXI Specific Vacuum Controls	1	131	02/10/10	02/10/10	08/12/10	08/12/10		0.00							↓	⊗	FDR - CXI Specific Vacuum Controls						
CD 09362	Develop Software CXI Specific Vacuum Controls	90	152	02/11/10	06/16/10	09/13/10	02/01/11	SL_CP	50.00							↓	⬇	Develop Software CXI Specific Vacuum Controls						
9110759 Subcontract - CXI H5 Vacuum Controls																								
CD 09341	Prep Bid Pkg & App - CXI Specific Vacuum Cntrl	15	131	02/11/10	03/03/10	08/13/10	09/02/10		0.00							↓	⬇	Prep Bid Pkg & App - CXI Specific Vacuum Cntrl						
CD 09342	RELEASE: RFP - CXI Specific Vacuum Cntrl	0	131		03/03/10		09/02/10		0.00							↓	◆	RELEASE: RFP - CXI Specific Vacuum Cntrl						
CD 09343	Vendor Proposal Effort -CXI Specific Vacuum Cntr	20	131	03/04/10	03/31/10	09/03/10	09/30/10		0.00							↓	⬇	Vendor Proposal Effort -CXI Specific Vacuum Cntr						
CD 09344	RCV: Vendor Deliverables-CXI Specific Vacuum Cn	0	131		03/31/10		09/30/10		0.00							↓	◆	RCV: Vendor Deliverables-CXI Specific Vacuum Cn						
CD 09345	Eval & Selection Process -CXI Specific Vacuum Cn	15	131	04/01/10	04/21/10	10/01/10	10/21/10		0.00							↓	⬇	Eval & Selection Process -CXI Specific Vacuum Cn						
CD 09346	Vendor Selection - CXI Specific Vacuum Cntrl	0	131		04/21/10		10/21/10		0.00							↓	◆	Vendor Selection - CXI Specific Vacuum Cntrl						
CD 09347	SLAC Approval Process -CXI Specific Vacuum Cntrl	5	131	04/22/10	04/28/10	10/22/10	10/28/10		0.00							↓	⊗	SLAC Approval Process -CXI Specific Vacuum Cntrl						
CD 09348	DOE Approval Process - CXI Specific Vacuum Cntrl	5	131	04/29/10	05/05/10	10/29/10	11/04/10		0.00							↓	⬇	DOE Approval Process - CXI Specific Vacuum Cntrl						
CD 09357	AWARD: CXI Specific Vacuum Controls	1	131	05/06/10	05/06/10	11/05/10	11/05/10	AWARD	80,645.00							↓	⊗	AWARD: CXI Specific Vacuum Controls						
CD 09358	Vendor Fab - CXI Specific Vacuum Controls	30	131	05/07/10	06/17/10	11/08/10	01/04/11	SL_MSEQ	80,645.00							↓	⬇	Vendor Fab - CXI Specific Vacuum Controls						
CD 09360	RCV: Receive All CXI Specific Vacuum Cntrl Parts	0	131		06/17/10		01/04/11		0.00							↓	◆	RCV: Receive All CXI Specific Vacuum Cntrl Parts						
9110760 Fab & Assembly - CXI H5 Vacuum Controls																								
CD 09364	Fab/Delvr CXI Specific Vacuum Controls	40	131	06/18/10	08/12/10	01/05/11	03/01/11	SL_CT	40.00							↓	⬇	Fab/Delvr CXI Specific Vacuum Controls						

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		
9110761 Testing - CXI H5 Vacuum Controls																				
CD 09366	Prepare Docs CXI Specific Vacuum Controls	20	152	06/17/10	07/14/10	02/02/11	03/01/11	SL_CP	10.00											
CD 09368	AVAIL: CXI Specific Vacuum Controls Hardware	0	131		08/12/10		03/01/11		0.00											
CD 09370	AVAIL: CXI Specific Vacuum Controls Software	0	131		08/12/10		03/01/11		0.00											
9110762 Design & Engr - CXI H5 Pop-In Profile Mon Cntrls																				
CD 09920	Design CXI Pop-In Profile Monitor Controls	80	147	06/01/09	09/18/09	01/08/10	04/29/10	SL_CE	5.00											
CD 09925	COMP: Design CXI Pop-In Profile Monitor Controls	0	147		09/18/09		04/29/10		0.00											
CD 09930	FDR - CXI Pop-In Profile Monitor Controls	1	147	09/21/09	09/21/09	04/30/10	04/30/10		0.00											
CD 09940	Develop Software CXI Pop-In PM Controls	90	147	09/22/09	02/10/10	05/03/10	09/03/10	SL_CP	20.00											
9110763 Procurement - CXI H5 Pop-In Profile Mon Cntrls																				
CD 09935	Procurement Preps - CXI Pop-In PM	20	166	09/22/09	10/19/09	05/28/10	06/24/10		0.00											
CD 09950	AWARD: CXI Pop-In Profile Monitor Controls	1	114	01/18/10	01/18/10	06/25/10	06/25/10	AWARD	25,815.00											
CD 09955	Vendor Fab - CXI Pop-In Profile Monitor Controls	30	114	01/19/10	03/01/10	06/28/10	08/06/10	SL_MSEQ	25,815.00											
CD 09960	RCV: All CXI Pop-In Profile Monitor Parts	0	114		03/01/10		08/06/10		0.00											
9110764 Fab & Assembly - CXI H5 Pop-In Profile Mon Cntrl																				
CD 09965	Fab/Delvr CXI Pop-In Profile Monitor Controls	40	114	03/02/10	04/26/10	08/09/10	10/01/10	SL_CT	80.00											
9110765 Testing - CXI H5 Pop-In Profile Mon Cntrls																				
CD 09945	Prepare Docs CXI Pop-In Profile Monitor Controls	20	147	02/11/10	03/10/10	09/06/10	10/01/10	SL_CP	10.00											
CD 09970	AVAIL: CXI Pop-In Profile Monitor Controls HW	0	114		04/26/10		10/01/10		0.00											
CD 09975	AVAIL: CXI Pop-In Profile Monitor Controls SW	0	114		04/26/10		10/01/10		0.00											
9110766 Design & Engr - CXI H5 Pop-In Intensity Mon Cntr																				
CD 10090	Design CXI Pop-In Intensity Monitor Controls	80	198	06/01/09	09/18/09	03/22/10	07/09/10	SL_CE	5.00											
CD 10092	COMP: CXI Design Pop-In Intensity Monitor Cntrl	0	198		09/18/09		07/09/10		0.00											
CD 10095	FDR - CXI Pop-In Intensity Monitor Controls	1	198	09/21/09	09/21/09	07/12/10	07/12/10	SL_CE	0.00											
CD 10125	Develop SW CXI Pop-In Intensity Monitor Control	90	199	09/22/09	02/10/10	07/14/10	11/16/10	SL_CP	20.00											
9110767 Subcontract - CXI H5 Pop-In Intensity Mon Cntrls																				
CD 10105	Procure Preps/Approval -CXI Pop-In Intensity Mon	20	198	09/22/09	10/19/09	07/13/10	08/09/10		0.00											
CD 10110	AWARD: CXI Pop-In Intensity Monitor Controls	1	146	01/18/10	01/18/10	08/10/10	08/10/10	AWARD	29,665.00											
CD 10115	Vendor Fab - CXI Pop-In Intensity Monitor Cntrl	30	146	01/19/10	03/01/10	08/11/10	09/21/10	SL_MSEQ	29,665.00											
CD 10120	RCV: Recv All CXI Pop-In Intensity Monitor Parts	0	146		03/01/10		09/21/10		0.00											
9110768 Fab & Assembly - CXI H5 Pop-In Intensity Mon Cnt																				
CD 10130	Fab/Delvr CXI Pop-In Intensity Monitor Controls	40	146	03/02/10	04/26/10	09/22/10	11/16/10	SL_CT	20.00											
9110769 Testing - CXI H5 Pop-In Intensity Mon Cntrls																				
CD 10135	Prepare Docs CXI Pop-In Intensity Monitor Cntrl	20	146	04/27/10	05/24/10	11/17/10	12/16/10	SL_CP	10.00											
CD 10140	AVAIL: CXI Pop-In Intensity Monitor Controls HW	0	146		05/24/10		12/16/10		0.00											

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		
CD 10145	AVAIL: CXI Pop-In Intensity Monitor Controls SW	0	146		05/24/10		12/16/10		0.00											
9110770 Design & Engr - CXI H5 Intensity-Pos Mon Cntrls																				
CD 09520	Design CXI Intensity-Position Monitor Controls	60	146	06/01/09	08/21/09	01/07/10	03/31/10	SL_CE	5.00											
CD 09525	COMP: CXI Design Intensity Position Monitor Cntrl	0	146		08/21/09		03/31/10		0.00											
CD 09540	FDR - CXI Intensity-Position Monitor Controls	1	146	08/24/09	08/24/09	04/01/10	04/01/10		0.00											
CD 09600	Develop SW CXI Intensity-Position Monitor Cont	90	167	08/25/09	01/13/10	05/03/10	09/03/10	SL_CP	60.00											
9110771 Subcontract - CXI H5 Intensity-Pos Mon Cntrls																				
CD 09560	Prep Bid Pkg & App - CXI Intensity-Position	15	146	08/25/09	09/14/09	04/02/10	04/22/10		0.00											
CD 09561	RELEASE: RFP - CXI IPM Controls	0	146		09/14/09		04/22/10		0.00											
CD 09562	Vendor Proposal Effort - CXI IPM Controls	20	146	09/15/09	10/12/09	04/23/10	05/20/10		0.00											
CD 09563	RCV: Vendor Deliverables-CXI IPM Controls	0	146		10/12/09		05/20/10		0.00											
CD 09564	Eval & Selection Process -CXI IPM Controls	15	146	10/13/09	11/02/09	05/21/10	06/10/10		0.00											
CD 09565	Vendor Selection - CXI IPM Controls	0	146		11/02/09		06/10/10		0.00											
CD 09566	SLAC Approval Process -CXI IPM Controls	5	146	11/03/09	11/09/09	06/11/10	06/17/10		0.00											
CD 09567	DOE Approval Process - CXI IPM Controls	5	146	11/10/09	11/16/09	06/18/10	06/24/10		0.00											
CD 09570	AWARD: CXI Intensity-Position Monitor Controls	1	114	01/18/10	01/18/10	06/25/10	06/25/10	AWARD	71,081.00											
CD 09580	Vendor Fab -CXI Intensity-Position Monitor Cntrl	30	114	01/19/10	03/01/10	06/28/10	08/06/10	SL_MSEQ	71,081.00											
CD 09585	RCV: Recv All CXI Intensity-Position Monit Parts	0	114		03/01/10		08/06/10		0.00											
9110772 Fab & Assembly - CXI H5 Intensity-Pos Mon Cntrls																				
CD 09620	Fab/Delvr CXI Intensity-Position Monitor Cntrl	40	114	03/02/10	04/26/10	08/09/10	10/01/10	SL_CT	40.00											
9110773 Testing - CXI H5 Intensity-Pos Mon Cntrls																				
CD 09640	Prepare Docs CXI Intensity-Position Monitr Cntrl	20	167	01/14/10	02/10/10	09/06/10	10/01/10	SL_CP	15.00											
CD 09660	AVAIL: CXI Intensity-Position Monitor Cntrl HW	0	114		04/26/10		10/01/10		0.00											
CD 09680	AVAIL: CXI Intensity-Position Monitor Cntrl SW	0	114		04/26/10		10/01/10		0.00											
9110774 Design & Engr - CXI H5 Slit Controls																				
CD 09720	Design CXI Slit Controls	60	57	10/02/09	01/11/10	01/07/10	03/31/10	SL_CE	5.00											
CD 09725	COMP: Design CXI Slit Controls	0	57		01/11/10		03/31/10		0.00											
CD 09740	FDR - CXI Slit Controls	1	57	01/12/10	01/12/10	04/01/10	04/01/10		0.00											
CD 09800	Develop Software CXI Slit Controls	90	78	01/13/10	05/18/10	05/03/10	09/03/10	SL_CP	20.00											
9110775 Procurement - CXI H5 Slit Controls																				
CD 09760	Prep Bid Pkg & App - CXI Slit Controls	15	57	01/13/10	02/02/10	04/02/10	04/22/10		0.00											
CD 09761	RELEASE: RFP - CXI Slit Controls	0	57		02/02/10		04/22/10		0.00											
CD 09762	Vendor Proposal Effort - CXI Slit Controls	20	57	02/03/10	03/02/10	04/23/10	05/20/10		0.00											
CD 09763	RCV: Vendor Deliverables-CXI Slit Controls	0	57		03/02/10		05/20/10		0.00											

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		
9110783 Subcontract - CXI H5 Pulse Picker Controls																				
CD 10960	Prep Bid Pkg & App - CXI Pulse Picker Cntrl	15	32	02/10/10	03/02/10	03/26/10	04/15/10		0.00						Prep Bid Pkg & App - CXI Pulse Picker Cntrl					
CD 10961	RELEASE: RFP - CXI Pulse Picker Cntrl	0	32		03/02/10		04/15/10		0.00						RELEASE: RFP - CXI Pulse Picker Cntrl					
CD 10962	Vendor Proposal Effort - CXI Pulse Picker Cntrl	20	32	03/03/10	03/30/10	04/16/10	05/13/10		0.00						Vendor Proposal Effort - CXI Pulse Picker Cntrl					
CD 10963	RCV: Vendor Deliverables-CXI Pulse Picker Cntrl	0	32		03/30/10		05/13/10		0.00						RCV: Vendor Deliverables-CXI Pulse Picker Cntrl					
CD 10964	Eval & Selection Process -CXI Pulse Picker Cntrl	15	32	03/31/10	04/20/10	05/14/10	06/03/10		0.00						Eval & Selection Process -CXI Pulse Picker Cntrl					
CD 10965	Vendor Selection - CXI Pulse Picker Cntrl	0	32		04/20/10		06/03/10		0.00						Vendor Selection - CXI Pulse Picker Cntrl					
CD 10966	SLAC Approval Process -CXI Pulse Picker Cntrl	5	32	04/21/10	04/27/10	06/04/10	06/10/10		0.00						SLAC Approval Process -CXI Pulse Picker Cntrl					
CD 10967	DOE Approval Process - CXI Pulse Picker Cntrl	5	32	04/28/10	05/04/10	06/11/10	06/17/10		0.00						DOE Approval Process - CXI Pulse Picker Cntrl					
CD 10970	AWARD: CXI Pulse Picker Controls	1	32	05/05/10	05/05/10	06/18/10	06/18/10	AWARD	9,731.00						AWARD: CXI Pulse Picker Controls					
CD 10980	Vendor Fab - CXI Pulse Picker Controls	30	32	05/06/10	06/16/10	06/21/10	07/30/10	SL_MSEG	9,731.00						Vendor Fab - CXI Pulse Picker Controls					
CD 10985	RCV: Receive All CXI Pulse Picker Controls Parts	0	32		06/16/10		07/30/10		0.00						RCV: Receive All CXI Pulse Picker Controls Parts					
9110784 Fab & Assembly - CXI H5 Pulse Picker Controls																				
CD 11020	Fab/Delvr CXI Pulse Picker Controls	40	32	06/17/10	08/11/10	08/02/10	09/24/10	SL_CT	30.00						Fab/Delvr CXI Pulse Picker Controls					
9110785 Testing - CXI H5 Pulse Picker Controls																				
CD 11040	Prepare Docs CXI Pulse Picker Controls	20	53	06/16/10	07/13/10	08/30/10	09/24/10	SL_CP	0.00						Prepare Docs CXI Pulse Picker Controls					
CD 11060	AVAIL: CXI Pulse Picker Controls Hardware	0	32		08/11/10		09/24/10		0.00						AVAIL: CXI Pulse Picker Controls Hardware					
CD 11080	AVAIL: CXI Pulse Picker Controls Software	0	32		08/11/10		09/24/10		0.00						AVAIL: CXI Pulse Picker Controls Software					
9110786 Design & Engr - CXI H5 KB Mirror Controls																				
CD 11120	Design CXI KB Mirror Controls	80	109	10/02/09	02/08/10	03/22/10	07/09/10	SL_CE	40.00						Design CXI KB Mirror Controls					
CD 11125	COMP: Design CXI KB Mirror Controls	0	109		02/08/10		07/09/10		0.00						COMP: Design CXI KB Mirror Controls					
CD 11140	FDR - CXI KB Mirror Controls	1	109	02/09/10	02/09/10	07/12/10	07/12/10	SL_CE	10.00						FDR - CXI KB Mirror Controls					
CD 11200	Develop Software CXI KB Mirror Controls	90	130	02/10/10	06/15/10	08/11/10	12/16/10	SL_CP	90.00						Develop Software CXI KB Mirror Controls					
9110787 Subcontract - CXI H5 KB Mirror Controls																				
CD 11160	Prep Bid Pkg & App - CXI KB Mirror Controls	15	109	02/10/10	03/02/10	07/13/10	08/02/10		0.00						Prep Bid Pkg & App - CXI KB Mirror Controls					
CD 11161	RELEASE: RFP - CXI KB Mirror Controls	0	109		03/02/10		08/02/10		0.00						RELEASE: RFP - CXI KB Mirror Controls					
CD 11162	Vendor Proposal Effort - CXI KB Mirror Controls	20	109	03/03/10	03/30/10	08/03/10	08/30/10		0.00						Vendor Proposal Effort - CXI KB Mirror Controls					
CD 11163	RCV: Vendor Deliverables-CXI KB Mirror Controls	0	109		03/30/10		08/30/10		0.00						RCV: Vendor Deliverables-CXI KB Mirror Controls					
CD 11164	Eval & Selection Process -CXI KB Mirror Controls	15	109	03/31/10	04/20/10	08/31/10	09/20/10		0.00						Eval & Selection Process -CXI KB Mirror Controls					
CD 11165	Vendor Selection - CXI KB Mirror Controls	0	109		04/20/10		09/20/10		0.00						Vendor Selection - CXI KB Mirror Controls					
CD 11166	SLAC Approval Process -CXI KB Mirror Controls	5	109	04/21/10	04/27/10	09/21/10	09/27/10		0.00						SLAC Approval Process -CXI KB Mirror Controls					
CD 11167	DOE Approval Process - CXI KB Mirror Controls	5	109	04/28/10	05/04/10	09/28/10	10/04/10		0.00						DOE Approval Process - CXI KB Mirror Controls					
CD 11170	AWARD: CXI KB Mirror Controls	1	109	05/05/10	05/05/10	10/05/10	10/05/10	AWARD	54,069.00						AWARD: CXI KB Mirror Controls					

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			
CD 11180	Vendor Fab - CXI KB Mirror Controls	30	109	05/06/10	06/16/10	10/06/10	11/16/10	SL_MSEQ	54,069.00					▼	▼	▼					
CD 11185	RCV: Receive All CXI KB Mirror Controls Parts	0	109		06/16/10		11/16/10		0.00					↓	↓	↓					
9110788 Fab & Assembly - CXI H5 KB Mirror Controls																					
CD 11220	Fab/Delvr CXI KB Mirror Controls	40	109	06/17/10	08/11/10	11/17/10	01/27/11	SL_CT	40.00					↓	↓	↓					
9110789 Testing - CXI H5 KB Mirror Controls																					
CD 11240	Prepare Docs CXI KB Mirror Controls	20	130	06/16/10	07/13/10	12/17/10	01/27/11	SL_CP	10.00					↓	↓	↓					
CD 11260	AVAIL: CXI KB Mirror Controls Hardware	0	109		08/11/10		01/27/11		0.00					↓	↓	↓					
CD 11280	AVAIL: CXI KB Mirror Controls Software	0	109		08/11/10		01/27/11		0.00					↓	↓	↓					
9110790 Design & Engr - CXI H5 Sample Environ Cntrls																					
CD 11320	Design CXI Sample Environment Controls	100	108	10/02/09	03/08/10	03/19/10	08/05/10	SL_CE	40.00					↓	↓	↓					
CD 11325	COMP: Design CXI Sample Environment Controls	0	108		03/08/10		08/05/10		0.00					↓	↓	↓					
CD 11340	FDR - CXI Sample Environment Controls	1	108	03/09/10	03/09/10	08/06/10	08/06/10	SL_CE	10.00					↓	↓	↓					
CD 11400	Develop Software CXI Sample Environment Controls	90	129	03/10/10	07/13/10	09/07/10	01/26/11	SL_CP	100.00					↓	↓	↓					
9110791 Subcontract - CXI H5 Sample Environ Cntrls																					
CD 11360	Prep Bid Pkg & App - CXI Sample Environment	15	108	03/10/10	03/30/10	08/09/10	08/27/10		0.00					↓	↓	↓					
CD 11361	RELEASE: RFP - CXI Sample Environment	0	108		03/30/10		08/27/10		0.00					↓	↓	↓					
CD 11362	Vendor Proposal Effort - CXI Sample Environment	20	108	03/31/10	04/27/10	08/30/10	09/24/10		0.00					↓	↓	↓					
CD 11363	RCV: Vendor Deliverables-CXI Sample Environment	0	108		04/27/10		09/24/10		0.00					↓	↓	↓					
CD 11364	Eval & Selection Process -CXI Sample Environment	15	108	04/28/10	05/18/10	09/27/10	10/15/10		0.00					↓	↓	↓					
CD 11365	Vendor Selection - CXI Sample Environment	0	108		05/18/10		10/15/10		0.00					↓	↓	↓					
CD 11366	SLAC Approval Process -CXI Sample Environment	5	108	05/19/10	05/25/10	10/18/10	10/22/10		0.00					↓	↓	↓					
CD 11367	DOE Approval Process - CXI Sample Environment	5	108	05/26/10	06/01/10	10/25/10	10/29/10		0.00					↓	↓	↓					
CD 11370	AWARD: CXI Sample Environment Controls	1	108	06/02/10	06/02/10	11/01/10	11/01/10	AWARD	63,768.00					↓	↓	↓					
CD 11380	Vendor Fab - CXI Sample Environment Controls	30	108	06/03/10	07/14/10	11/02/10	12/15/10	SL_MSEQ	63,768.00					↓	↓	↓					
CD 11385	RCV: Recv All CXI Sample Environment Cntrl Parts	0	108		07/14/10		12/15/10		0.00					↓	↓	↓					
9110792 Fab & Assembly - CXI H5 Sample Environ Cntrls																					
CD 11420	Fab/Delvr CXI Sample Environment Controls	40	108	07/15/10	09/08/10	12/16/10	02/23/11	SL_CT	30.00					↓	↓	↓					
9110793 Testing - CXI H5 Sample Environ Cntrls																					
CD 11440	Prepare Docs CXI Sample Environment Controls	20	129	07/14/10	08/10/10	01/27/11	02/23/11	SL_CP	10.00					↓	↓	↓					
CD 11460	AVAIL: CXI Sample Environment Controls Hardware	0	108		09/08/10		02/23/11		0.00					↓	↓	↓					
CD 11480	AVAIL: CXI Sample Environment Controls Software	0	108		09/08/10		02/23/11		0.00					↓	↓	↓					
9110794 Design & Engr - CXI H5 Particle Injector Cntrls																					
CD 11520	Design CXI Particle Injector Controls	75	260	01/12/10	04/26/10	01/27/11	05/11/11	SL_CE	100.00					↓	↓	↓					
CD 11525	COMP: Design CXI Particle Injector Controls	0	260		04/26/10		05/11/11		0.00					↓	↓	↓					

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			
CD 11540	FDR - CXI Particle Injector Controls	1	260	04/27/10	04/27/10	05/12/11	05/12/11	SL_CE	20.00																
CD 11600	Develop Software CXI Particle Injector Controls	90	281	04/28/10	08/31/10	06/13/11	10/14/11	SL_CP	460.00																
9110795 Subcontract - CXI H5 Particle Injector Cntrls																									
CD 11560	Prep Bid Pkg & App - CXI Particle Injector	15	260	04/28/10	05/18/10	05/13/11	06/02/11		0.00																
CD 11561	RELEASE: RFP - CXI Particle Injector	0	260		05/18/10		06/02/11		0.00																
CD 11562	Vendor Proposal Effort - CXI Particle Injector	20	260	05/19/10	06/15/10	06/03/11	06/30/11		0.00																
CD 11563	RCV: Vendor Deliverables-CXI Particle Injector	0	260		06/15/10		06/30/11		0.00																
CD 11564	Eval & Selection Process -CXI Particle Injector	15	260	06/16/10	07/06/10	07/01/11	07/21/11		0.00																
CD 11565	Vendor Selection - CXI Particle Injector	0	260		07/06/10		07/21/11		0.00																
CD 11566	SLAC Approval Process -CXI Particle Injector	5	260	07/07/10	07/13/10	07/22/11	07/28/11		0.00																
CD 11567	DOE Approval Process - CXI Particle Injector	5	260	07/14/10	07/20/10	07/29/11	08/04/11		0.00																
CD 11570	AWARD: CXI Particle Injector Controls	1	260	07/21/10	07/21/10	08/05/11	08/05/11	AWARD	99,754.00																
CD 11580	Vendor Fab - CXI Particle Injector Controls	30	260	07/22/10	09/01/10	08/08/11	09/16/11	SL_MSEQ	99,754.00																
CD 11585	RCV: Recv All CXI Particle Injector Cntrl Parts	0	260		09/01/10		09/16/11		0.00																
9110796 Fab & Assembly - CXI H5 Particle Injector Cntrls																									
CD 11620	Fab/Delvr CXI Particle Injector Controls	40	260	09/02/10	10/27/10	09/19/11	11/11/11	SL_CT	80.00																
9110797 Testing - CXI H5 Particle Injector Cntrls																									
CD 11640	Prepare Docs CXI Particle Injector Controls	20	281	09/01/10	09/28/10	10/17/11	11/11/11	SL_CP	20.00																
CD 11660	AVAIL: CXI Particle Injector Controls Hardware	0	260		10/27/10		11/11/11		0.00																
CD 11680	AVAIL: CXI Particle Injector Controls Software	0	260		10/27/10		11/11/11		0.00																
9110798 Design & Engr - CXI H5 Ion TOF Cntrls																									
CD 11920	Design CXI Ion TOF Controls	60	87	10/04/10	01/11/11	02/18/11	05/12/11	SL_CE	40.00																
CD 11925	COMP: Design CXI Ion TOF Controls	0	87		01/11/11		05/12/11		0.00																
CD 11940	FDR - CXI Ion TOF Controls	1	87	01/12/11	01/12/11	05/13/11	05/13/11	SL_CE	10.00																
CD 12000	Develop Software CXI Ion TOF Controls	90	141	01/13/11	05/18/11	07/29/11	12/08/11	SL_CP	140.00																
9110799 Subcontract - CXI H5 Ion TOF Cntrls																									
CD 11960	Prep Bid Pkg & App - CXI Ion TOF Controls	15	120	01/13/11	02/02/11	06/30/11	07/20/11		0.00																
CD 11961	RELEASE: RFP - CXI Ion TOF Controls	0	120		02/02/11		07/20/11		0.00																
CD 11962	Vendor Proposal Effort - CXI Ion TOF Controls	20	120	02/03/11	03/02/11	07/21/11	08/17/11		0.00																
CD 11963	RCV: Vendor Deliverables-CXI Ion TOF Controls	0	120		03/02/11		08/17/11		0.00																
CD 11964	Eval & Selection Process -CXI Ion TOF Controls	15	120	03/03/11	03/23/11	08/18/11	09/07/11		0.00																
CD 11965	Vendor Selection - CXI Ion TOF Controls	0	120		03/23/11		09/07/11		0.00																
CD 11966	SLAC Approval Process -CXI Ion TOF Controls	5	120	03/24/11	03/30/11	09/08/11	09/14/11		0.00																

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	
CD 11967	DOE Approval Process - CXI Ion TOF Controls	5	120	03/31/11	04/06/11	09/15/11	09/21/11		0.00					DOE Approval Process - CXI Ion TOF Controls					
CD 11970	AWARD: CXI Ion TOF Controls	1	120	04/07/11	04/07/11	09/22/11	09/22/11	AWARD	60,925.00					AWARD: CXI Ion TOF Controls					
CD 11980	Vendor Fab - CXI Ion TOF Controls	30	120	04/08/11	05/19/11	09/23/11	11/03/11	SL_MSEQ	60,925.00					Vendor Fab - CXI Ion TOF Controls					
CD 11985	RCV: Receive All CXI Ion TOF Controls Parts	0	120		05/19/11		11/03/11		0.00					RCV: Receive All CXI Ion TOF Controls Parts					
9110800 Fab & Assembly - CXI H5 Ion TOF Cntrls																			
CD 12020	Fab/Delvr CXI Ion TOF Controls	40	120	05/20/11	07/14/11	11/04/11	01/13/12	SL_CT	50.00					Fab/Delvr CXI Ion TOF Controls					
9110801 Testing - CXI H5 Ion TOF Cntrls																			
CD 12040	Prepare Docs CXI Ion TOF Controls	20	141	05/19/11	06/15/11	12/09/11	01/13/12	SL_CP	15.00					Prepare Docs CXI Ion TOF Controls					
CD 12060	AVAIL: CXI Ion TOF Controls Hardware	0	120		07/14/11		01/13/12		0.00					AVAIL: CXI Ion TOF Controls Hardware					
CD 12080	AVAIL: CXI Ion TOF Controls Software	0	120		07/14/11		01/13/12		0.00					AVAIL: CXI Ion TOF Controls Software					
9110802 Design & Engr - CXI H5 Vision Camera Controls																			
CD 12320	Design CXI Vision Camera Controls	60	206	10/02/09	01/11/10	08/04/10	10/26/10	SL_CE	10.00					Design CXI Vision Camera Controls					
CD 12325	COMP: Design CXI Vision Camera Controls	0	206		01/11/10		10/26/10		0.00					COMP: Design CXI Vision Camera Controls					
CD 12340	FDR - CXI Vision Camera Controls	1	206	01/12/10	01/12/10	10/27/10	10/27/10	SL_CE	5.00					FDR - CXI Vision Camera Controls					
CD 12400	Develop Software CXI Vision Camera Controls	90	206	01/13/10	05/18/10	10/28/10	03/18/11	SL_CP	20.00					Develop Software CXI Vision Camera Controls					
9110803 Procurement - CXI H5 Vision Camera Controls																			
CD 12365	Procure Preps/Approval - CXI Vision Camera Cont	20	225	01/13/10	02/09/10	11/24/10	01/06/11		0.00					Procure Preps/Approval - CXI Vision Camera Cont					
CD 12370	AWARD: CXI Vision 120Hz Camera Controls	1	225	02/10/10	02/10/10	01/07/11	01/07/11	AWARD	9,825.00					AWARD: CXI Vision 120Hz Camera Controls					
CD 12380	Vendor Fab - CXI Vision Camera Controls	30	225	02/11/10	03/24/10	01/10/11	02/18/11	SL_MSEG	9,825.00					Vendor Fab - CXI Vision Camera Controls					
CD 12385	RCV: All CXI Vision Camera Controls Parts	0	225		03/24/10		02/18/11		0.00					RCV: All CXI Vision Camera Controls Parts					
9110804 Fab & Assembly - CXI H5 Vision Camera Controls																			
CD 12420	Fab/Delvr CXI Vision Camera Controls	40	225	03/25/10	05/19/10	02/21/11	04/15/11	SL_CT	10.00					Fab/Delvr CXI Vision Camera Controls					
9110805 Testing - CXI H5 Vision Camera Controls																			
CD 12440	Prepare Docs CXI Vision Camera Controls	20	206	05/19/10	06/15/10	03/21/11	04/15/11	SL_CP	5.00					Prepare Docs CXI Vision Camera Controls					
CD 12460	AVAIL: CXI Vision Camera Controls Hardware	0	206		06/15/10		04/15/11		0.00					AVAIL: CXI Vision Camera Controls Hardware					
CD 12480	AVAIL: CXI Vision Camera Controls Software	0	206		06/15/10		04/15/11		0.00					AVAIL: CXI Vision Camera Controls Software					
9110806 Design & Engr - CXI H5 Detector Stage Controls																			
CD 12520	Design CXI Detector Stage Controls	80	234	06/01/09	09/18/09	05/11/10	08/30/10	SL_CE	40.00					Design CXI Detector Stage Controls					
CD 12522	COMP: Design CXI Detector Stage Controls	0	234		09/18/09		08/30/10		0.00					COMP: Design CXI Detector Stage Controls					
CD 12525	FDR - CXI Detector Stage Controls	1	234	09/21/09	09/21/09	08/31/10	08/31/10	SL_CE	10.00					FDR - CXI Detector Stage Controls					
CD 12555	Develop Software CXI Detector Stage Controls	90	234	09/22/09	02/10/10	09/01/10	01/20/11	SL_CP	100.00					Develop Software CXI Detector Stage Controls					
9110807 Procurement - CXI H5 Detector Stage Controls																			
CD 12535	Procure Preps/Approval CXI Detector Stage Cntrl	20	253	09/22/09	10/19/09	09/28/10	10/25/10		0.00					Procure Preps/Approval CXI Detector Stage Cntrl					
CD 12540	AWARD: CXI Detector Stage Controls	1	201	01/18/10	01/18/10	10/26/10	10/26/10	AWARD	13,516.00					AWARD: CXI Detector Stage Controls					

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												
CD 12545	Vendor Fab -CXI Detector Stage Controls Software	30	201	01/19/10	03/01/10	10/27/10	12/09/10	SL_MSEG	13,516.00							▼ Vendor Fab -CXI Detector Stage Controls Software																		
CD 12550	RCV: Receive All CXI Detector Stage Cntrl Parts	0	201		03/01/10		12/09/10		0.00							◆ RCV: Receive All CXI Detector Stage Cntrl Parts																		
9110808 Fab & Assembly - CXI H5 Detector Stage Controls																																		
CD 12560	Fab/Delvr CXI Detector Stage Controls	40	201	03/02/10	04/26/10	12/10/10	02/17/11	SL_CT	30.00							▼ Fab/Delvr CXI Detector Stage Controls																		
9110809 Testing - CXI H5 Detector Stage Controls																																		
CD 12565	Prepare Docs CXI Detector Stage Controls	20	234	02/11/10	03/10/10	01/21/11	02/17/11	SL_CP	10.00							▼ Prepare Docs CXI Detector Stage Controls																		
CD 12570	AVAIL: CXI Detector Stage Controls Hardware	0	201		04/26/10		02/17/11		0.00							◆ AVAIL: CXI Detector Stage Controls Hardware																		
CD 12575	AVAIL: CXI Detector Stage Controls Software	0	201		04/26/10		02/17/11		0.00							◆ AVAIL: CXI Detector Stage Controls Software																		
9110810 Design & Engr - CXI H5 Ref Laser Controls																																		
CD 12950	Design CXI Reference Laser Controls	80	156	06/01/09	09/18/09	01/21/10	05/12/10	SL_CE	40.00				▼ Design CXI Reference Laser Controls																					
CD 12952	COMP: CXI Design Reference Laser Controls	0	156		09/18/09		05/12/10		0.00				◆ COMP: CXI Design Reference Laser Controls																					
CD 12955	FDR - CXI Reference Laser Controls	1	156	09/21/09	09/21/09	05/13/10	05/13/10	SL_CE	10.00				▼ FDR - CXI Reference Laser Controls																					
CD 12980	Develop Software CXI Reference Laser Controls	90	156	09/22/09	02/10/10	05/14/10	09/16/10	SL_CP	60.00				▼ Develop Software CXI Reference Laser Controls																					
9110811 Procurement - CXI H5 Ref Laser Controls																																		
CD 12965	Procure Preps/Approval CXI Reference Laser Cntrl	20	175	09/22/09	10/19/09	06/10/10	07/07/10		0.00				▼ Procure Preps/Approval CXI Reference Laser Cntrl																					
CD 12967	AWARD: CXI Reference Laser Controls	1	123	01/18/10	01/18/10	07/08/10	07/08/10	AWARD	24,441.00				▼ AWARD: CXI Reference Laser Controls																					
CD 12970	Vendor Fab - CXI Reference Laser Controls	30	123	01/19/10	03/01/10	07/09/10	08/19/10	SL_MSEG	24,441.00				▼ Vendor Fab - CXI Reference Laser Controls																					
CD 12975	RCV: Receive All CXI Reference Laser Cntrl Parts	0	123		03/01/10		08/19/10		0.00				◆ RCV: Receive All CXI Reference Laser Cntrl Parts																					
9110812 Fab & Assembly - CXI H5 Ref Laser Controls																																		
CD 12985	Fab/Delvr CXI Reference Laser Controls	40	123	03/02/10	04/26/10	08/20/10	10/14/10	SL_CT	20.00				▼ Fab/Delvr CXI Reference Laser Controls																					
9110813 Testing - CXI H5 Ref Laser Controls																																		
CD 12990	Prepare Docs CXI Reference Laser Controls	20	156	02/11/10	03/10/10	09/17/10	10/14/10	SL_CP	10.00				▼ Prepare Docs CXI Reference Laser Controls																					
CD 12995	AVAIL: CXI Reference Laser Controls Hardware	0	123		04/26/10		10/14/10		0.00				◆ AVAIL: CXI Reference Laser Controls Hardware																					
CD 13000	AVAIL: CXI Reference Laser Controls Software	0	123		04/26/10		10/14/10		0.00				◆ AVAIL: CXI Reference Laser Controls Software																					
9110814 Design & Engr - CXI H5 Cntrls Sys Integ																																		
CD 13400	Design CXI Controls System Integration	60	276	10/02/09	01/11/10	11/10/10	02/17/11	SL_CE	60.00				▼ Design CXI Controls System Integration																					
CD 13405	COMP: Design CXI Controls System Integration	0	276		01/11/10		02/17/11		0.00				◆ COMP: Design CXI Controls System Integration																					
CD 13410	FDR - CXI Controls System Integration	1	276	01/12/10	01/12/10	02/18/11	02/18/11	SL_CE	20.00				▼ FDR - CXI Controls System Integration																					
9110815 Testing - CXI H5 Cntrls Sys Integ																																		
CD 13430	Perform CXI Controls System Integration Test	20	276	01/13/10	02/09/10	02/21/11	03/18/11	SL_CP	300.00				▼ Perform CXI Controls System Integration Test																					
CD 13440	Prepare Docs CXI Controls Syst Integration Test	20	276	02/10/10	03/09/10	03/21/11	04/15/11	SL_CP	20.00				▼ Prepare Docs CXI Controls Syst Integration Test																					
CD 13450	AVAIL: CXI Controls System Integration Test Comp	0	276		03/09/10		04/15/11		0.00				◆ AVAIL: CXI Controls System Integration Test Comp																					
1.6.05.01 XCS Requirements, Design, Setup																																		
9110816 XCS H4 Controls Requirements & Design Support																																		
CD 13580	Prepare XCS Requirements	10		02/02/09A	02/13/09A	02/02/09A	02/13/09A	SL_CE	15.00				▼ Prepare XCS Requirements																					

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											
9110822 Fab & Assembly - XCS H4 Cables & Racks																																																																					
CD 15260	Fab/Delvr XCS Hutch Cables & Racks	60	132	07/14/10	10/05/10	02/01/11	04/25/11	SL_CT	300.00																																																	Fab/Delvr XCS Hutch Cables & Racks											
CD 15280	Prepare Docs XCS Hutch Cables & Racks	20	132	10/06/10	11/02/10	04/26/11	05/23/11	SL_CP	80.00																																																	Prepare Docs XCS Hutch Cables & Racks											
CD 15300	AVAIL: XCS Hutch Cables & Racks	0	132		11/02/10		05/23/11		0.00																																																	AVAIL: XCS Hutch Cables & Racks											
9110824 Subcontract - XCS H4 Workstation																																																																					
CD 15340	Procurement Preps - XCS Hutch Workstation	100	272	01/19/10	06/07/10	02/21/11	07/08/11		0.00																																																	Procurement Preps - XCS Hutch Workstation											
CD 15341	AWARD: XCS Hutch Workstation	1	188	10/04/10	10/04/10	07/11/11	07/11/11	AWARD	8,200.00																																																	AWARD: XCS Hutch Workstation											
CD 15342	Vendor Fab - XCS Hutch Workstation	100	188	10/05/10	03/09/11	07/12/11	12/05/11	SL_MSEG	8,200.00																																																	Vendor Fab - XCS Hutch Workstation											
CD 15345	RCV: Receive All XCS Hutch Workstation Parts	0	188		03/09/11		12/05/11		0.00																																																	RCV: Receive All XCS Hutch Workstation Part											
9110825 Fab & Assembly - XCS H4 Workstation																																																																					
CD 15360	Fab/Delvr XCS Hutch Workstation	40	188	03/10/11	05/04/11	12/06/11	02/10/12	SL_CT	50.00																																																	Fab/Delvr XCS Hutch Workstation											
9110826 Testing - XCS H4 Workstation																																																																					
CD 15380	System Test XCS Hutch Workstation	20	188	05/05/11	06/01/11	02/13/12	03/09/12	SL_CP	20.00																																																	System Test XCS Hutch Workstation											
CD 15400	Prepare Docs XCS Hutch Workstation	20	188	06/02/11	06/29/11	03/12/12	04/06/12	SL_CP	5.00																																																	Prepare Docs XCS Hutch Workstation											
CD 15420	AVAIL: XCS Hutch Workstation Hardware	0	188		06/29/11		04/06/12		0.00																																																	AVAIL: XCS Hutch Workstation Hardwar											
CD 15440	AVAIL: XCS Hutch Workstation Software	0	188		06/29/11		04/06/12		0.00																																																	AVAIL: XCS Hutch Workstation Softwar											
9110827 Procurement - XCS H4 Beam Line Processor																																																																					
CD 15480	Procurement Preps - XCS Hutch Beam Line	100	256	02/10/10	06/29/10	02/21/11	07/08/11		0.00																																																	Procurement Preps - XCS Hutch Beam Line											
CD 15481	AWARD: XCS Hutch Beam Line Processor	1	188	10/04/10	10/04/10	07/11/11	07/11/11	AWARD	19,900.00																																																	AWARD: XCS Hutch Beam Line Processor											
CD 15482	Vendor Fab - XCS Hutch Beam Line Processor	100	188	10/05/10	03/09/11	07/12/11	12/05/11	SL_MSEG	19,900.00																																																	Vendor Fab - XCS Hutch Beam Line Processo											
CD 15485	RCV: Receive All XCS Hutch Beam Line Proce Parts	0	188		03/09/11		12/05/11		0.00																																																	RCV: Receive All XCS Hutch Beam Line Proce Part											
9110828 Fab & Assembly - XCS H4 Beam Line Processor																																																																					
CD 15500	Fab/Delvr XCS Hutch Beam Line Processor	40	188	03/10/11	05/04/11	12/06/11	02/10/12	SL_CP	20.00																																																	Fab/Delvr XCS Hutch Beam Line Processo											
9110829 Testing - XCS H4 Beam Line Processor																																																																					
CD 15520	System Test XCS Hutch Beam Line Processor	20	188	05/05/11	06/01/11	02/13/12	03/09/12	SL_CP	5.00																																																	System Test XCS Hutch Beam Line Processo											
CD 15540	Prepare Docs XCS Hutch Beam Line Processor	20	188	06/02/11	06/29/11	03/12/12	04/06/12	SL_CP	10.00																																																	Prepare Docs XCS Hutch Beam Line Processo											
CD 15560	AVAIL: XCS Hutch Beam Line Processor Hardware	0	188		06/29/11		04/06/12		0.00																																																	AVAIL: XCS Hutch Beam Line Processor Hardwar											
CD 15580	AVAIL: XCS Hutch Beam Line Processor Software	0	188		06/29/11		04/06/12		0.00																																																	AVAIL: XCS Hutch Beam Line Processor Softwar											
9110830 Procurement - XCS H4 Channel Access Gateway																																																																					
CD 15620	Procurement Preps - XCS Hutch Channel Access	100	256	02/10/10	06/29/10	02/21/11	07/08/11		0.00																																																	Procurement Preps - XCS Hutch Channel Access											
CD 15621	AWARD: XCS Hutch Channel Access Gateway	1	188	10/04/10	10/04/10	07/11/11	07/11/11	AWARD	10,400.00																																																	AWARD: XCS Hutch Channel Access Gateway											
CD 15622	Vendor Fab - XCS Hutch Channel Access Gateway	100	188	10/05/10	03/09/11	07/12/11	12/05/11	SL_MSEG	10,400.00																																																	Vendor Fab - XCS Hutch Channel Access Gatera											
CD 15625	RCV: Receive All XCS Hutch Channel Access Parts	0	188		03/09/11		12/05/11		0.00																																																	RCV: Receive All XCS Hutch Channel Access Part											
9110831 Fab & Assembly - XCS H4 Channel Access Gateway																																																																					
CD 15640	Fab/Delvr XCS Hutch Channel Access Gateway	40	188	03/10/11	05/04/11	12/06/11	02/10/12	SL_CP	20.00																																																	Fab/Delvr XCS Hutch Channel Access Gatera											

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		
9110832 Testing - XCS H4 Channel Access Gateway																				
CD 15660	System Test XCS Hutch Channel Access Gateway	20	188	05/05/11	06/01/11	02/13/12	03/09/12	SL_CP	20.00											
CD 15680	Prepare Docs XCS Hutch Channel Access Gateway	20	188	06/02/11	06/29/11	03/12/12	04/06/12	SL_CP	5.00											
CD 15700	AVAIL: XCS Hutch Channel Access Gateway Hardware	0	188		06/29/11		04/06/12		0.00											
CD 15720	AVAIL: XCS Hutch Channel Access Gateway Software	0	188		06/29/11		04/06/12		0.00											
9110833 Procurement - XCS H4 MPS																				
CD 15760	Procurement Preps - XCS Hutch MPS	100	256	02/10/10	06/29/10	02/21/11	07/08/11		0.00											
CD 15761	AWARD: XCS Hutch MPS	1	188	10/04/10	10/04/10	07/11/11	07/11/11	AWARD	13,300.00											
CD 15762	Vendor Fab - XCS Hutch MPS	100	188	10/05/10	03/09/11	07/12/11	12/05/11	SL_MSEG	13,300.00											
CD 15765	RCV: Receive All XCS Hutch MPS Parts	0	188		03/09/11		12/05/11		0.00											
9110834 Fab & Assembly - XCS H4 MPS																				
CD 15780	Fab/Delvr XCS Hutch MPS	40	188	03/10/11	05/04/11	12/06/11	02/10/12	SL_CT	20.00											
9110835 Testing - XCS H4 MPS																				
CD 15800	System Test XCS Hutch MPS	20	188	05/05/11	06/01/11	02/13/12	03/09/12	SL_CP	20.00											
CD 15820	Prepare Docs XCS Hutch MPS	20	188	06/02/11	06/29/11	03/12/12	04/06/12	SL_CP	5.00											
CD 15840	AVAIL: XCS Hutch MPS Hardware	0	188		06/29/11		04/06/12		0.00											
CD 15860	AVAIL: XCS Hutch MPS Firmware	0	188		06/29/11		04/06/12		0.00											
1.6.05.03 XCS Specific Controls																				
9110724 Design & Engr - XCS H4 Pulse Picker Controls																				
CD 21000	Design XCS Pulse Picker Controls	80	442	07/23/09	11/11/09	05/06/11	08/25/11	SL_CE	0.00											
CD 21010	COMP: Design XCS Pulse Picker Controls	0	442		11/11/09		08/25/11		0.00											
CD 21020	FDR - XCS Pulse Picker Controls	1	442	11/12/09	11/12/09	08/26/11	08/26/11		0.00											
CD 21030	Develop Software XCS Pulse Picker Controls	90	463	11/13/09	04/05/10	09/27/11	02/17/12	SL_CP	0.00											
9110730 Subcontract - XCS H4 Pulse Picker Controls																				
CD 21040	Prep Bid Pkg & App - XCS Pulse Picker Cntrl	15	442	11/13/09	12/07/09	08/29/11	09/16/11		0.00											
CD 21050	RELEASE: RFP - XCS Pulse Picker Cntrl	0	442		12/07/09		09/16/11		0.00											
CD 21060	Vendor Proposal Effort - XCS Pulse Picker Cntrl	20	442	12/08/09	01/18/10	09/19/11	10/14/11		0.00											
CD 21070	RCV: Vendor Deliverables-XCS Pulse Picker Cntrl	0	442		01/18/10		10/14/11		0.00											
CD 21080	Eval & Selection Process -XCS Pulse Picker Cntrl	15	442	01/19/10	02/08/10	10/17/11	11/04/11		0.00											
CD 21090	Vendor Selection - XCS Pulse Picker Cntrl	0	442		02/08/10		11/04/11		0.00											
CD 21100	SLAC Approval Process -XCS Pulse Picker Cntrl	5	442	02/09/10	02/15/10	11/07/11	11/11/11		0.00											
CD 21110	DOE Approval Process - XCS Pulse Picker Cntrl	5	442	02/16/10	02/22/10	11/14/11	11/18/11		0.00											
CD 21120	AWARD: XCS Pulse Picker Controls	1	283	10/04/10	10/04/10	11/28/11	11/28/11	AWARD	11,162.00											
CD 21130	Vendor Fab - XCS Pulse Picker Controls	30	283	10/05/10	11/15/10	11/29/11	01/17/12	SL_MSEG	11,162.00											

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		
CD 21140	RCV: Receive All XCS Pulse Picker Controls Parts	0	283		11/15/10		01/17/12		0.00											
9110817 Fab & Assembly - XCS H4 Pulse Picker Controls																				
CD 21150	Fab/Delvr XCS Pulse Picker Controls	40	283	11/16/10	01/26/11	01/18/12	03/16/12	SL_CT	30.00											
9110823 Testing - XCS H4 Pulse Picker Controls																				
CD 21160	Prepare Docs XCS Pulse Picker Controls	20	463	04/06/10	05/03/10	02/20/12	03/16/12	SL_CP	0.00											
CD 21170	AVAIL: XCS Pulse Picker Controls Hardware	0	283		01/26/11		03/16/12		0.00											
CD 21180	AVAIL: XCS Pulse Picker Controls Software	0	283		01/26/11		03/16/12		0.00											
9110836 Design & Engr - XCS H4 Data Acquisition																				
CD 15880	Design XCS Specific Data Acquisition	100	226	05/31/10	10/15/10	04/28/11	09/14/11	SL_CE	80.00											
CD 15885	COMP: Design XCS Specific Data Acquisition	0	226		10/15/10		09/14/11		0.00											
CD 15900	FDR - XCS Specific Data Acquisition	1	226	10/18/10	10/18/10	09/15/11	09/15/11	SL_CE	40.00											
CD 15960	Develop Software XCS Specific Data Acquisition	90	248	10/19/10	03/09/11	10/18/11	03/09/12	SL_CE	520.00											
CD 16020	Prepare Docs XCS Specific Data Acquisition	20	248	03/10/11	04/06/11	03/12/12	04/06/12	SL_CP	20.00											
9110837 Subcontract - XCS H4 Data Acquisition																				
CD 15920	Prep Bid Pkg & App - XCS Specific Data Acq	15	226	10/19/10	11/08/10	09/16/11	10/06/11		0.00											
CD 15921	RELEASE: RFP - XCS Specific Data Acq	0	226		11/08/10		10/06/11		0.00											
CD 15922	Vendor Proposal Effort - XCS Specific Data Acq	20	226	11/09/10	12/08/10	10/07/11	11/03/11		0.00											
CD 15923	RCV: Vendor Deliverables-XCS Specific Data Acq	0	226		12/08/10		11/03/11		0.00											
CD 15924	Eval & Selection Process -XCS Specific Data Acq	15	226	12/09/10	01/12/11	11/04/11	12/01/11		0.00											
CD 15925	Vendor Selection - XCS Specific Data Acq	0	226		01/12/11		12/01/11		0.00											
CD 15926	SLAC Approval Process -XCS Specific Data Acq	5	226	01/13/11	01/19/11	12/02/11	12/08/11		0.00											
CD 15927	DOE Approval Process - XCS Specific Data Acq	5	226	01/20/11	01/26/11	12/09/11	12/15/11		0.00											
CD 15930	AWARD: XCS Specific Data Acquisition (DAQ)	1	226	01/27/11	01/27/11	12/16/11	12/16/11	AWARD	59,922.00											
CD 15940	Vendor Fab - XCS Specific Data Acquisition	30	226	01/28/11	03/10/11	12/19/11	02/09/12	SL_MSEQ	59,922.00											
CD 15945	RCV: Receive All XCS Specific Data Acq Parts	0	226		03/10/11		02/09/12		0.00											
9110838 Fab & Assembly - XCS H4 Data Acquisition																				
CD 15980	Fab/Delvr XCS Specific Data Acquisition	40	226	03/11/11	05/05/11	02/10/12	04/05/12	SL_CT	160.00											
9110839 Testing - XCS H4 Data Acquisition																				
CD 16000	System Test XCS Specific Data Acquisition	1	226	05/06/11	05/06/11	04/06/12	04/06/12	SL_CP	20.00											
CD 16040	AVAIL: XCS Specific Data Acquisition Hardware	0	226		05/06/11		04/06/12		0.00											
CD 16060	AVAIL: XCS Specific Data Acquisition Software	0	226		05/06/11		04/06/12		0.00											
9110840 Design & Engr - XCS H4 DAQ Hutch Data Mgmt																				
CD 16080	Design XCS Specific DAQ Hutch Data Management	100	158	10/04/10	03/08/11	05/30/11	10/14/11	SL_CE	80.00											
CD 16085	COMP: Design XCS Specific DAQ Hutch Data Mgmt	0	158		03/08/11		10/14/11		0.00											

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		
CD 16100	FDR - XCS Specific DAQ Hutch Data Management	1	158	03/09/11	03/09/11	10/17/11	10/17/11	SL_CE	20.00											
CD 16160	Develop SW XCS Specific DAQ Hutch Data Mgmt	90	158	03/10/11	07/13/11	10/18/11	03/09/12	SL_CP	80.00											
CD 16220	Prepare Docs XCS Specific DAQ Hutch Data Mgmt	20	158	07/14/11	08/10/11	03/12/12	04/06/12	SL_CP	40.00											
9110841 Fab & Assembly - XCS H4 DAQ Hutch Data Mgmt																				
CD 16180	Fab/Delvr XCS Specific DAQ Hutch Data Management	40	227	03/10/11	05/04/11	02/10/12	04/05/12	SL_CT	80.00											
9110842 Testing - XCS H4 DAQ Hutch Data Mgmt																				
CD 16200	System Test XCS Specific DAQ Hutch Data Mgmt	1	227	05/05/11	05/05/11	04/06/12	04/06/12	SL_CP	100.00											
CD 16240	AVAIL: XCS Specific DAQ Hutch Data Management HW	0	158		08/10/11		04/06/12		0.00											
CD 16260	AVAIL: XCS Specific DAQ Hutch Data Management SW	0	158		08/10/11		04/06/12		0.00											
9110843 Design & Engr - XCS H4 Experiment Config Cntrl																				
CD 16300	Design XCS Specific Experiment Config Control	100	137	10/04/10	03/08/11	04/29/11	09/15/11	SL_CE	40.00											
CD 16305	COMP:XCS Specific Design Experiment Config Cntrl	0	137		03/08/11		09/15/11		0.00											
CD 16320	FDR - XCS Specific Experiment Config Control	1	137	03/09/11	03/09/11	09/16/11	09/16/11	SL_CE	10.00											
CD 16380	Develop SW XCS Specific Experiment Config Cntrl	90	158	03/10/11	07/13/11	10/18/11	03/09/12	SL_CP	220.00											
CD 16420	Prepare Docs XCS Specific Xperiment Config Cntrl	20	158	07/14/11	08/10/11	03/12/12	04/06/12	SL_CP	20.00											
9110844 Subcontract - XCS H4 Experiment Config Cntrl																				
CD 16340	Prep Bid Pkg & App - Experiment Config	15	137	03/10/11	03/30/11	09/19/11	10/07/11		0.00											
CD 16341	RELEASE: RFP - Experiment Config	0	137		03/30/11		10/07/11		0.00											
CD 16342	Vendor Proposal Effort - Experiment Config	20	137	03/31/11	04/27/11	10/10/11	11/04/11		0.00											
CD 16343	RCV: Vendor Deliverables-Experiment Config	0	137		04/27/11		11/04/11		0.00											
CD 16344	Eval & Selection Process -Experiment Config	15	137	04/28/11	05/18/11	11/07/11	12/02/11		0.00											
CD 16345	Vendor Selection - Experiment Config	0	137		05/18/11		12/02/11		0.00											
CD 16346	SLAC Approval Process -Experiment Config	5	137	05/19/11	05/25/11	12/05/11	12/09/11		0.00											
CD 16347	DOE Approval Process - Experiment Config	5	137	05/26/11	06/01/11	12/12/11	12/16/11		0.00											
CD 16350	AWARD: XCS Specific Experiment Config Controls	1	137	06/02/11	06/02/11	12/19/11	12/19/11	AWARD	92,342.00											
CD 16360	Vendor Fab -XCS Specific Experiment Config Cntrl	30	137	06/03/11	07/14/11	12/20/11	02/10/12	SL_MSEQ	92,342.00											
CD 16365	RCV: All XCS Specific Experiment Cntrl Parts	0	137		07/14/11		02/10/12		0.00											
9110845 Fab & Assembly - XCS H4 Experimnt Config Cntrl																				
CD 16400	Fab/Delvr XCS Specific Experiment Config Control	40	137	07/15/11	09/08/11	02/13/12	04/06/12	SL_CT	20.00											
CD 16440	AVAIL: XCS Specific Experiment Config Control	0	137		09/08/11		04/06/12		0.00											
9110847 Design & Engr - XCS H4 Valve Controls																				
CD 14040	Design XCS Specific Valve Controls	80	178	10/04/10	02/08/11	06/27/11	10/14/11	SL_CE	5.00											
CD 14045	COMP: Design XCS Specific Valve Controls	0	178		02/08/11		10/14/11		0.00											
CD 14060	FDR - XCS Specific Valve Controls	1	178	02/09/11	02/09/11	10/17/11	10/17/11		0.00											

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		
CD 14120	Develop Software XCS Specific Valve Controls	90	178	02/10/11	06/15/11	10/18/11	03/09/12	SL_CP	20.00					Develop Software XCS Specific Valve Control						
CD 14160	Prepare Docs XCS Specific Valve Controls	20	178	06/16/11	07/13/11	03/12/12	04/06/12	SL_CP	5.00					Prepare Docs XCS Specific Valve Control						
9110848 Procurement - XCS H4 Valve Controls																				
CD 14085	Procure Preps/Approval XCS Specific Valve Cntrl	20	197	02/10/11	03/09/11	11/14/11	12/16/11		0.00					Procure Preps/Approval XCS Specific Valve Cntrl						
CD 14090	AWARD: XCS Specific Valve Controls	1	197	03/10/11	03/10/11	12/19/11	12/19/11	AWARD	6,420.00					AWARD: XCS Specific Valve Controls						
CD 14100	Vendor Fab - XCS Specific Valve Controls	30	197	03/11/11	04/21/11	12/20/11	02/10/12	SL_MSEG	6,420.00					Vendor Fab - XCS Specific Valve Control						
CD 14105	RCV: All XCS Specific Valve Control Parts	0	197		04/21/11		02/10/12		0.00					RCV: All XCS Specific Valve Control Part						
9110849 Fab & Assembly - XCS H4 Valve Controls																				
CD 14140	Fab/Delvr XCS Specific Valve Controls	40	197	04/22/11	06/16/11	02/13/12	04/06/12	SL_CT	10.00					Fab/Delvr XCS Specific Valve Control						
CD 14180	AVAIL: XCS Specific Valve Controls Hardware	0	178		07/13/11		04/06/12		0.00					AVAIL: XCS Specific Valve Controls Hardwar						
CD 14200	AVAIL: XCS Specific Valve Controls Software	0	178		07/13/11		04/06/12		0.00					AVAIL: XCS Specific Valve Controls Softwar						
9110851 Design & Engr - XCS H4 Vacuum Controls																				
CD 16680	Design XCS Specific Vacuum Controls	100	158	10/04/10	03/08/11	05/30/11	10/14/11	SL_CE	5.00					Design XCS Specific Vacuum Controls						
CD 16685	COMP: Design XCS Specific Vacuum Controls	0	158		03/08/11		10/14/11		0.00					COMP: Design XCS Specific Vacuum Control						
CD 16700	FDR - XCS Specific Vacuum Controls	1	158	03/09/11	03/09/11	10/17/11	10/17/11		0.00					FDR - XCS Specific Vacuum Controls						
CD 16760	Develop Software XCS Specific Vacuum Controls	90	158	03/10/11	07/13/11	10/18/11	03/09/12	SL_CP	40.00					Develop Software XCS Specific Vacuum Control						
CD 16800	Prepare Docs XCS Specific Vacuum Controls	20	158	07/14/11	08/10/11	03/12/12	04/06/12	SL_CP	10.00					Prepare Docs XCS Specific Vacuum Control						
9110852 Subcontract - XCS H4 Vacuum Controls																				
CD 16725	Procure Preps/Approval XCS Specific Vacuum Cntrl	20	177	03/10/11	04/06/11	11/14/11	12/16/11		0.00					Procure Preps/Approval XCS Specific Vacuum Cntrl						
CD 16730	AWARD: XCS Specific Vacuum Controls	1	177	04/07/11	04/07/11	12/19/11	12/19/11	AWARD	46,940.00					AWARD: XCS Specific Vacuum Controls						
CD 16740	Vendor Fab - XCS Specific Vacuum Controls	30	177	04/08/11	05/19/11	12/20/11	02/10/12	SL_MSEQ	46,940.00					Vendor Fab - XCS Specific Vacuum Control						
CD 16745	RCV: Receive All XCS Specific Vacuum Cntrl Parts	0	177		05/19/11		02/10/12		0.00					RCV: Receive All XCS Specific Vacuum Cntrl Part						
9110853 Fab & Assembly - XCS H4 Vacuum Controls																				
CD 16780	Fab/Delvr XCS Specific Vacuum Controls	40	177	05/20/11	07/14/11	02/13/12	04/06/12	SL_CT	40.00					Fab/Delvr XCS Specific Vacuum Control						
CD 16820	AVAIL: XCS Specific Vacuum Controls Hardware	0	158		08/10/11		04/06/12		0.00					AVAIL: XCS Specific Vacuum Controls Hardwar						
CD 16840	AVAIL: XCS Specific Vacuum Controls Software	0	158		08/10/11		04/06/12		0.00					AVAIL: XCS Specific Vacuum Controls Softwar						
9110855 Design & Engr - XCS H4 Pop-In Profile Mon Cntrls																				
CD 14400	Design XCS Pop-In Profile Monitor Controls	80	33	10/04/10	02/08/11	11/18/10	03/25/11	SL_CE	5.00					Design XCS Pop-In Profile Monitor Controls						
CD 14405	COMP: Design XCS Pop-In Profile Monitor Controls	0	33		02/08/11		03/25/11		0.00					COMP: Design XCS Pop-In Profile Monitor Control						
CD 14420	FDR - XCS Pop-In Profile Monitor Control	1	33	02/09/11	02/09/11	03/28/11	03/28/11		0.00					FDR - XCS Pop-In Profile Monitor Control						
CD 14480	Develop SW XCS Pop-In Profile Monitor Cntrl	90	33	02/10/11	06/15/11	03/29/11	08/01/11	SL_CP	20.00					Develop SW XCS Pop-In Profile Monitor Cntrl						
CD 14520	Prepare Docs XCS Pop-In Profile Monitor Controls	20	33	06/16/11	07/13/11	08/02/11	08/29/11	SL_CP	5.00					Prepare Docs XCS Pop-In Profile Monitor Control						
9110856 Procurement - XCS H4 Pop-In Profile Mon Cntrls																				
CD 14445	Procure Preps/Approval - XCS Pop-In Profile Mon	20	52	02/10/11	03/09/11	04/25/11	05/20/11		0.00					Procure Preps/Approval - XCS Pop-In Profile Mo						

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	
CD 14450	AWARD: XCS Pop-In Profile Monitor Controls	1	52	03/10/11	03/10/11	05/23/11	05/23/11	AWARD	15,568.00										
CD 14460	Vendor Fab - XCS Pop-In Profile Monitor Controls	30	52	03/11/11	04/21/11	05/24/11	07/04/11	SL_MSEG	15,568.00										
CD 14465	RCV: All XCS Pop-In Profile Monitor Parts	0	52		04/21/11		07/04/11		0.00										
9110857 Fab & Assembly - XCS H4 Pop-In Profile Mon Cntrl																			
CD 14500	Fab/Delvr XCS Pop-In Profile Monitor Controls	40	52	04/22/11	06/16/11	07/05/11	08/29/11	SL_CT	30.00										
CD 14540	AVAIL: XCS Pop-In Profile Monitor Controls HW	0	33		07/13/11		08/29/11		0.00										
CD 14560	AVAIL: XCS Pop-In Profile Monitor Controls SW	0	33		07/13/11		08/29/11		0.00										
9110859 Design & Engr - XCS H4 Pop-In Intensity Mon Cntrl																			
CD 17280	Design XCS Pop-In Intensity Monitor Controls	80	53	10/04/10	02/08/11	01/03/11	04/22/11	SL_CE	5.00										
CD 17285	COMP: Design XCS Pop-In Intensity Monitor Cntrl	0	53		02/08/11		04/22/11		0.00										
CD 17300	FDR - XCS Pop-In Intensity Monitor Controls	1	53	02/09/11	02/09/11	04/25/11	04/25/11		0.00										
CD 17360	Develop SW XCS Pop-In Intensity Monitor Cntrl	90	53	02/10/11	06/15/11	04/26/11	08/29/11	SL_CP	20.00										
CD 17400	Prepare Docs XCS Pop-In Intensity Monitor Cntrl	20	53	06/16/11	07/13/11	08/30/11	09/26/11	SL_CP	10.00										
9110860 Subcontract - XCS H4 Pop-In Intensity Mon Cntrls																			
CD 17325	Procure Preps/Approval -XCS Pop-In Intensity Mon	20	72	02/10/11	03/09/11	05/23/11	06/17/11		0.00										
CD 17330	AWARD: XCS Pop-In Intensity Monitor Controls	1	72	03/10/11	03/10/11	06/20/11	06/20/11	AWARD	30,665.00										
CD 17340	Vendor Fab - XCS Pop-In Intensity Monitor Cntrls	30	72	03/11/11	04/21/11	06/21/11	08/01/11	SL_MSEQ	30,665.00										
CD 17345	RCV: Recv All XCS Pop-In Intensity Monitor Parts	0	72		04/21/11		08/01/11		0.00										
9110861 Fab & Assembly - XCS H4 Pop-In Intensity Mon Cntrl																			
CD 17380	Fab/Delvr XCS Pop-In Intensity Monitor Controls	40	72	04/22/11	06/16/11	08/02/11	09/26/11	SL_CT	20.00										
CD 17420	AVAIL: XCS Pop-In Intensity Monitor Controls HW	0	53		07/13/11		09/26/11		0.00										
CD 17440	AVAIL: XCS Pop-In Intensity Monitor Controls SW	0	53		07/13/11		09/26/11		0.00										
9110863 Design & Engr - XCS H4 Intensity-Pos Mon Cntrls																			
CD 14220	Design XCS Intensity-Position Monitor Controls	80	32	10/04/10	02/08/11	11/17/10	03/24/11	SL_CE	5.00										
CD 14225	COMP:Design XCS Intensity-Position Monitor Cntrl	0	32		02/08/11		03/24/11		0.00										
CD 14240	FDR - XCS Intensity-Position Monitor Controls	1	32	02/09/11	02/09/11	03/25/11	03/25/11		0.00										
CD 14300	Develop SW XCS Intensity-Position Monitor Cntrl	90	53	02/10/11	06/15/11	04/26/11	08/29/11	SL_CP	20.00										
CD 14340	Prepare Doc XCS Intensity-Position Monitor Cntrl	20	53	06/16/11	07/13/11	08/30/11	09/26/11	SL_CP	10.00										
9110864 Subcontract - XCS H4 Intensity-Pos Mon Cntrls																			
CD 14260	Prep Bid Pkg & App - XCS IPM	15	32	02/10/11	03/02/11	03/28/11	04/15/11		0.00										
CD 14261	RELEASE: RFP - XCS IPM	0	32		03/02/11		04/15/11		0.00										
CD 14262	Vendor Proposal Effort -XCS IPM	20	32	03/03/11	03/30/11	04/18/11	05/13/11		0.00										
CD 14263	RCV: Vendor Deliverables-XCS IPM	0	32		03/30/11		05/13/11		0.00										
CD 14264	Eval & Selection Process -XCS IPM	15	32	03/31/11	04/20/11	05/16/11	06/03/11		0.00										

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		
CD 17740	Vendor Fab - XCS Attenuator Controls	30	88	03/11/11	04/21/11	07/13/11	08/23/11	SL_MSEG	9,980.00											Vendor Fab - XCS Attenuator Controls
CD 17745	RCV: Receive All XCS Attenuator Controls Parts	0	88		04/21/11		08/23/11		0.00											RCV: Receive All XCS Attenuator Controls Part
9110873 Fab & Assembly - XCS H4 Attenuator Controls																				
CD 17780	Fab/Delvr XCS Attenuator Controls	40	88	04/22/11	06/16/11	08/24/11	10/18/11	SL_CT	10.00											Fab/Delvr XCS Attenuator Controls
CD 17820	AVAIL: XCS Attenuator Controls Hardware	0	69		07/13/11		10/18/11		0.00											AVAIL: XCS Attenuator Controls Hardware
CD 17840	AVAIL: XCS Attenuator Controls Software	0	69		07/13/11		10/18/11		0.00											AVAIL: XCS Attenuator Controls Software
9110875 Design & Engr - XCS H4 HRM Controls																				
CD 18642	Design XCS Harmonic Rejection Mirrors Controls	100	34	10/04/10	03/08/11	11/19/10	04/25/11	SL_CE	80.00											Design XCS Harmonic Rejection Mirrors Control
CD 18643	COMP:Design XCS Harmonic Rejection Mirrors Cntrl	0	34		03/08/11		04/25/11		0.00											COMP:Design XCS Harmonic Rejection Mirrors Cntrl
CD 18644	FDR - XCS Harmonic Rejection Mirrors Controls	1	34	03/09/11	03/09/11	04/26/11	04/26/11	SL_CE	20.00											FDR - XCS Harmonic Rejection Mirrors Control
CD 18654	Develop SW XCS Harmonic Rejection Mirrors Cntrl	90	34	03/10/11	07/13/11	04/27/11	08/30/11	SL_CP	220.00											Develop SW XCS Harmonic Rejection Mirrors Cntrl
CD 18659	Prepare Docs XCS Harmonic Rejection Mirror Cntrl	20	34	07/14/11	08/10/11	08/31/11	09/27/11	SL_CP	40.00											Prepare Docs XCS Harmonic Rejection Mirror Cntrl
9110876 Procurement - XCS H4 HRM Controls																				
CD 18648	Procure Preps/Approval - XCS Harmonic Rej Mirr	20	53	03/10/11	04/06/11	05/24/11	06/20/11		0.00											Procure Preps/Approval - XCS Harmonic Rej Mirr
CD 18649	AWARD: XCS Harmonic Rejection Mirrors Controls	1	53	04/07/11	04/07/11	06/21/11	06/21/11	AWARD	19,945.00											AWARD: XCS Harmonic Rejection Mirrors Control
CD 18650	Vendor Fab - XCS Harmonic Rejection Mirrors Cntl	30	53	04/08/11	05/19/11	06/22/11	08/02/11	SL_MSEG	19,945.00											Vendor Fab - XCS Harmonic Rejection Mirrors Cntl
CD 18652	RCV: All XCS Harmonic Rejection Mirror Parts	0	53		05/19/11		08/02/11		0.00											RCV: All XCS Harmonic Rejection Mirror Part
9110877 Fab & Assembly - XCS H4 HRM Controls																				
CD 18656	Fab/Delvr XCS Harmonic Rejection Mirrors Cntrl	40	53	05/20/11	07/14/11	08/03/11	09/27/11	SL_CT	40.00											Fab/Delvr XCS Harmonic Rejection Mirrors Cntrl
CD 18661	AVAIL: XCS Harmonic Rejection Mirrors Cntrls HW	0	34		08/10/11		09/27/11		0.00											AVAIL: XCS Harmonic Rejection Mirrors Cntrls HW
CD 18663	AVAIL: XCS Harmonic Rejection Mirrors Cntrls SW	0	34		08/10/11		09/27/11		0.00											AVAIL: XCS Harmonic Rejection Mirrors Cntrls SW
9110879 Design & Engr - XCS H4 2D Det Motion Cam Cntrls																				
CD 17880	Design XCS 2D Camera Controls BNL	100	118	10/04/10	03/08/11	04/04/11	08/19/11	SL_CE	20.00											Design XCS 2D Camera Controls BNL
CD 17885	COMP: Design XCS 2D Camera Controls BNL	0	118		03/08/11		08/19/11		0.00											COMP: Design XCS 2D Camera Controls BNL
CD 17900	FDR - XCS 2D Camera Controls BNL	1	118	03/09/11	03/09/11	08/22/11	08/22/11	SL_CE	5.00											FDR - XCS 2D Camera Controls BNL
CD 17960	Develop Software XCS 2D Camera Controls BNL	90	118	03/10/11	07/13/11	08/23/11	01/10/12	SL_CP	60.00											Develop Software XCS 2D Camera Controls BNL
CD 18000	Prepare Docs XCS 2D Camera Controls BNL	20	118	07/14/11	08/10/11	01/11/12	02/10/12	SL_CP	10.00											Prepare Docs XCS 2D Camera Controls BNL
9110880 Procurement - XCS H4 2D Det Motion Cam Cntrls																				
CD 17925	Procure Preps/Approval -XCS 2D Camera Cntrls BNL	20	137	03/10/11	04/06/11	09/19/11	10/14/11		0.00											Procure Preps/Approval -XCS 2D Camera Cntrls BNL
CD 17930	AWARD: XCS 2D 120Hz Camera Controls BNL	1	137	04/07/11	04/07/11	10/17/11	10/17/11	AWARD	4,577.00											AWARD: XCS 2D 120Hz Camera Controls BNL
CD 17940	Vendor Fab - XCS 2D Camera Controls BNL	30	137	04/08/11	05/19/11	10/18/11	12/05/11	SL_MSEQ	4,577.00											Vendor Fab - XCS 2D Camera Controls BNL
CD 17945	RCV: XCS 2D Camera Controls BNL All Parts	0	137		05/19/11		12/05/11		0.00											RCV: XCS 2D Camera Controls BNL All Part
9110881 Fab & Assembly - XCS H4 2D Det Motion Cam Cntrls																				
CD 17980	Fab/Delvr XCS 2D Camera Controls BNL	40	137	05/20/11	07/14/11	12/06/11	02/10/12	SL_CT	20.00											Fab/Delvr XCS 2D Camera Controls BNL

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		
9110900 Design & Engr - XCS BT to FEH Vacuum Controls																				
CD 19145	Design Beam Transport to FEH Vacuum Controls	100	107	10/04/10	03/08/11	03/18/11	08/04/11	SL_CE	5.00											
CD 19147	COMP: Design Beam Transport to FEH Vacuum Cntrl	0	107		03/08/11		08/04/11		0.00											
CD 19150	FDR - Beam Transport to FEH Vacuum Controls	1	107	03/09/11	03/09/11	08/05/11	08/05/11	SL_CE	0.00											
CD 19180	Develop SW Beam Transport to FEH Vacuum Controls	100	128	03/10/11	07/27/11	09/06/11	02/10/12	SL_CP	40.00											
CD 19190	Prepare Docs Beam Transport to FEH Vacuum Cntrl	40	128	07/28/11	09/21/11	02/13/12	04/06/12	SL_CP	10.00											
9110901 Procurement - XCS BT to FEH Vacuum Controls																				
CD 19155	Prep Bid Pkg & App - Beam Transport Vacuum	15	107	03/10/11	03/30/11	08/08/11	08/26/11		0.00											
CD 19156	RELEASE: RFP - XCS Beam Transport Vacuum	0	107		03/30/11		08/26/11		0.00											
CD 19157	Vendor Proposal Effort-XCS Beam Transport Vacuum	20	107	03/31/11	04/27/11	08/29/11	09/23/11		0.00											
CD 19158	RCV: Vendor Deliverables-XCS Beam Transp Vacuum	0	107		04/27/11		09/23/11		0.00											
CD 19159	Eval & Selection Process -XCS Beam Transport Vac	15	107	04/28/11	05/18/11	09/26/11	10/14/11		0.00											
CD 19160	Vendor Selection - XCS Beam Transport Vacuum	0	107		05/18/11		10/14/11		0.00											
CD 19161	SLAC Approval Process -XCS Beam Transport Vacuum	5	107	05/19/11	05/25/11	10/17/11	10/21/11		0.00											
CD 19162	DOE Approval Process -XCS Beam Transport Vacuum	5	107	05/26/11	06/01/11	10/24/11	10/28/11		0.00											
CD 19165	AWARD: Beam Transport to FEH Vacuum Controls	1	107	06/02/11	06/02/11	10/31/11	10/31/11	AWARD	82,620.00											
CD 19170	Vendor Fab - Beam Transport to FEH Vacuum Cntrls	60	107	06/03/11	08/25/11	11/01/11	02/10/12	SL_MSEQ	82,620.00											
CD 19175	RCV: Recv All Beam Transport to FEH Vacuum Parts	0	107		08/25/11		02/10/12		0.00											
9110902 Fab & Assembly - XCS BT to FEH Vacuum Controls																				
CD 19185	Fab/Delvr Beam Transport to FEH Vacuum Controls	40	107	08/26/11	10/20/11	02/13/12	04/06/12	SL_CT	40.00											
CD 19195	AVAIL: Beam Transport to FEH Vacuum Controls HW	0	107		10/20/11		04/06/12		0.00											
CD 19200	AVAIL: Beam Transport to FEH Vacuum Controls SW	0	107		10/20/11		04/06/12		0.00											
9110903 Design & Engr - XCS BT to FEH Pop-In PM Cntrls																				
CD 19205	Design Beam Transport Pop-In PM Cntrl	80	196	01/19/10	05/10/10	10/20/10	02/24/11	SL_CE	5.00											
CD 19207	COMP: Design Beam Transport Pop-In PM Cntrl	0	196		05/10/10		02/24/11		0.00											
CD 19210	FDR - Beam Transport Pop-In Profile Mon Cntrl	1	196	05/11/10	05/11/10	02/25/11	02/25/11		0.00											
CD 19240	Develop SW Beam Transport Pop-In PM Cntrl	90	217	05/12/10	09/14/10	03/29/11	08/01/11	SL_CP	20.00											
CD 19250	Prepare Docs Beam Transport Pop-In PM Cntrl	20	217	09/15/10	10/12/10	08/02/11	08/29/11	SL_CP	15.00											
9110904 Procurement - XCS BT to FEH Pop-In PM Cntrls																				
CD 19215	Prep Bid Pkg & App - XCS Beam Transp Pop-In PM	15	196	05/12/10	06/01/10	02/28/11	03/18/11		0.00											
CD 19216	RELEASE: RFP - XCS Beam Transp Pop-In PM	0	196		06/01/10		03/18/11		0.00											
CD 19217	Vendor Proposal Effort-XCS Beam Transp Pop-In PM	20	196	06/02/10	06/29/10	03/21/11	04/15/11		0.00											
CD 19218	RCV: Vendor Deliverables-XCS Beam Transp Pop-In	0	196		06/29/10		04/15/11		0.00											

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		
CD 19219	Eval & Selection Process -XCS Beam Transp Pop-In	15	196	06/30/10	07/20/10	04/18/11	05/06/11		0.00											
CD 19220	Vendor Selection - XCS Beam Transp Pop-In PM	0	196		07/20/10		05/06/11		0.00											
CD 19221	SLAC Approval Process -XCS Beam Transp Pop-In PM	5	196	07/21/10	07/27/10	05/09/11	05/13/11		0.00											
CD 19222	DOE Approval Process -XCS Beam Transp Pop-In PM	5	196	07/28/10	08/03/10	05/16/11	05/20/11		0.00											
CD 19225	AWARD: Beam Transport Pop-In PM Controls	1	153	10/04/10	10/04/10	05/23/11	05/23/11	AWARD	25,490.00											
CD 19230	Vendor Fab - Beam Transport Pop-In PM Cntrl	30	153	10/05/10	11/15/10	05/24/11	07/04/11	SL_MSEQ	25,490.00											
CD 19235	RCV: Receive All Beam Transport Pop-In PM Parts	0	153		11/15/10		07/04/11		0.00											
9110905 Fab & Assembly - XCS BT to FEH Pop-In PM Cntrls																				
CD 19245	Fab/Delvr Beam Transport Pop-In PM Cntrl	40	153	11/16/10	01/26/11	07/05/11	08/29/11	SL_CT	30.00											
CD 19255	AVAIL: Beam Transport Pop-In PM Controls H/W	0	153		01/26/11		08/29/11		0.00											
CD 19260	AVAIL: Beam Transport Pop-In PM Controls S/W	0	153		01/26/11		08/29/11		0.00											
9110906 Design & Engr - XCS BT to FEH Pop-In IM Cntrls																				
CD 19265	Design Beam Transport Pop-In Intensity Mon Cntrl	80	32	10/04/10	02/08/11	11/17/10	03/24/11	SL_CE	5.00											
CD 19267	COMP: Design Beam Transp Pop-In Intensity Monit	0	32		02/08/11		03/24/11		0.00											
CD 19270	FDR - Beam Transport Pop-In Intensity Mon Cntrl	1	32	02/09/11	02/09/11	03/25/11	03/25/11		0.00											
CD 19300	Develop SW Beam Transport Pop-In IM Cntrl	90	53	02/10/11	06/15/11	04/26/11	08/29/11	SL_CP	20.00											
CD 19310	Prepare Docs Beam Transport Pop-In IM Cntrl	20	53	06/16/11	07/13/11	08/30/11	09/26/11	SL_CP	15.00											
9110907 Procurement - XCS BT to FEH Pop-In IM Cntrls																				
CD 19275	Prep Bid Pkg & App - Beam Transp Pop-In IM	15	32	02/10/11	03/02/11	03/28/11	04/15/11		0.00											
CD 19276	RELEASE: RFP - CS Beam Transp Pop-In IM	0	32		03/02/11		04/15/11		0.00											
CD 19277	Vendor Proposal Effort-XCS Beam Transp Pop-In IM	20	32	03/03/11	03/30/11	04/18/11	05/13/11		0.00											
CD 19278	RCV: Vendor Deliverables-XCS Beam Transp PI IM	0	32		03/30/11		05/13/11		0.00											
CD 19279	Eval & Selection Process -XCS Beam Transp PI PM	15	32	03/31/11	04/20/11	05/16/11	06/03/11		0.00											
CD 19280	Vendor Selection - XCS Beam Transp Pop-In IM	0	32		04/20/11		06/03/11		0.00											
CD 19281	SLAC Approval Process -XCS Beam Transp Pop-In IM	5	32	04/21/11	04/27/11	06/06/11	06/10/11		0.00											
CD 19282	DOE Approval Process -XCS Beam Transp Pop-In IM	5	32	04/28/11	05/04/11	06/13/11	06/17/11		0.00											
CD 19285	AWARD: Beam Trans Pop-In Intensity Mon Controls	1	32	05/05/11	05/05/11	06/20/11	06/20/11	AWARD	31,150.00											
CD 19290	Vendor Fab - Beam Transport Pop-In IM Cntrl	30	32	05/06/11	06/16/11	06/21/11	08/01/11	SL_MSEQ	31,150.00											
CD 19295	RCV: Recv All Beam Transp Pop-In IM Cntrl Parts	0	32		06/16/11		08/01/11		0.00											
9110908 Fab & Assembly - XCS BT to FEH Pop-In IM Cntrls																				
CD 19305	Fab/Delvr Beam Transport Pop-In IM Cntrl	40	32	06/17/11	08/11/11	08/02/11	09/26/11	SL_CT	20.00											
CD 19315	AVAIL: Beam Transport Pop-In IM Cntrl H/W	0	32		08/11/11		09/26/11		0.00											
CD 19320	AVAIL: Beam Transport Pop-In IM Cntrl S/W	0	32		08/11/11		09/26/11		0.00											

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															
9110909 Design & Engr - XCS BT to FEH IPM Cntrls																																					
CD 19325	Design Beam Transport Intensity PM Cntrl	60	52	10/04/10	01/11/11	12/17/10	03/24/11	SL_CE	5.00																												
CD 19327	COMP: Design Beam Transport Intensity PM Cntrl	0	52		01/11/11		03/24/11		0.00																												
CD 19330	FDR - Beam Transport Intensity PM Cntrl	1	52	01/12/11	01/12/11	03/25/11	03/25/11		0.00																												
CD 19360	Develop SW Beam Transport Intensity PM Cntrl	90	73	01/13/11	05/18/11	04/26/11	08/29/11	SL_CP	20.00																												
CD 19370	Prepare Docs Beam Transport Intensity PM Cntrl	20	73	05/19/11	06/15/11	08/30/11	09/26/11	SL_CP	15.00																												
9110910 Procurement - XCS BT to FEH IPM Cntrls																																					
CD 19335	Prep Bid Pkg & App - Beam Transp Intensity PM	15	52	01/13/11	02/02/11	03/28/11	04/15/11		0.00																												
CD 19336	RELEASE: RFP - XCS Beam Transp Intensity PM	0	52		02/02/11		04/15/11		0.00																												
CD 19337	Vendor Proposal Effort-XCS BT Intensity PM	20	52	02/03/11	03/02/11	04/18/11	05/13/11		0.00																												
CD 19338	RCV: Vendor Deliverables-XCS BT Intensity PM	0	52		03/02/11		05/13/11		0.00																												
CD 19339	Eval & Selection Process -XCS BT Intensity PM	15	52	03/03/11	03/23/11	05/16/11	06/03/11		0.00																												
CD 19340	Vendor Selection - XCS BT Intensity PM	0	52		03/23/11		06/03/11		0.00																												
CD 19341	SLAC Approval Process -XCS BT Intensity PM	5	52	03/24/11	03/30/11	06/06/11	06/10/11		0.00																												
CD 19342	DOE Approval Process -XCS BT Intensity PM	5	52	03/31/11	04/06/11	06/13/11	06/17/11		0.00																												
CD 19345	AWARD: Beam Transport Intensity PM Controls	1	52	04/07/11	04/07/11	06/20/11	06/20/11	AWARD	56,798.00																												
CD 19350	Vendor Fab - Beam Transport Intensity PM Cntrl	30	52	04/08/11	05/19/11	06/21/11	08/01/11	SL_MSEQ	56,798.00																												
CD 19355	RCV: Recv All Beam Transport Intensity PM Parts	0	52		05/19/11		08/01/11		0.00																												
9110911 Fab & Assembly - XCS BT to FEH IPM Cntrls																																					
CD 19365	Fab/Delvr Beam Transport Intensity PM Cntrl	40	52	05/20/11	07/14/11	08/02/11	09/26/11	SL_CT	30.00																												
CD 19375	AVAIL: Beam Transport Intensity PM Cntrl HW	0	52		07/14/11		09/26/11		0.00																												
CD 19380	AVAIL: Beam Transport Intensity PM Cntrl SW	0	52		07/14/11		09/26/11		0.00																												
9110912 Design & Engr - XCS BT to FEH XFL Controls																																					
CD 19445	Design Beam Transport XFL Controls	80	54	10/04/10	02/08/11	01/04/11	04/25/11	SL_CE	80.00																												
CD 19447	COMP: Design Beam Transport XFL Controls	0	54		02/08/11		04/25/11		0.00																												
CD 19450	FDR - Beam Transport XFL Controls	1	54	02/09/11	02/09/11	04/26/11	04/26/11	SL_CE	15.00																												
CD 19480	Develop Software Beam Transport XFL Controls	90	54	02/10/11	06/15/11	04/27/11	08/30/11	SL_CP	340.00																												
CD 19490	Prepare Docs Beam Transport XFL Controls	20	54	06/16/11	07/13/11	08/31/11	09/27/11	SL_CP	20.00																												
9110913 Procurement - XCS BT to FEH XFL Controls																																					
CD 19460	Procure Preps/Approval Beam Transport XFL Cntrl	20	73	02/10/11	03/09/11	05/24/11	06/20/11		0.00																												
CD 19465	AWARD: Beam Transport XFL Controls	1	73	03/10/11	03/10/11	06/21/11	06/21/11	AWARD	14,516.00																												
CD 19470	Vendor Fab - Beam Transport XFL Controls	30	73	03/11/11	04/21/11	06/22/11	08/02/11	SL_MSEG	14,516.00																												
CD 19475	RCV: All Beam Transport XFL Control Parts	0	73		04/21/11		08/02/11		0.00																												

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		
9110914 Fab & Assembly - XCS BT to FEH XFL Controls																				
CD 19485	Fab/Delvr Beam Transport XFL Controls	40	73	04/22/11	06/16/11	08/03/11	09/27/11	SL_CT	30.00											
CD 19495	AVAIL: Beam Transport XFL Controls Hardware	0	54		07/13/11		09/27/11		0.00											
CD 19500	AVAIL: Beam Transport XFL Controls Software	0	54		07/13/11		09/27/11		0.00											
9110915 Procurement - XCS BT to FEH Split & Delay Cntrls																				
CD 19525	Procure Preps/Approve Beam Transp Split & Delay	40	157	03/10/11	05/04/11	10/17/11	12/16/11		0.00											
CD 19530	AWARD: Beam Transp Split & Delay Cntrls	1	157	05/05/11	05/05/11	12/19/11	12/19/11	AWARD	0.00											
CD 19535	Vendor Fab - Beam Transp Split & Delay Cntrls	30	157	05/06/11	06/16/11	12/20/11	02/10/12	SL_MSEG	0.00											
CD 19540	RCV: Recv All Beam Transport Split & Delay Parts	0	157		06/16/11		02/10/12		0.00											
9110916 Fab & Assembly - XCS BT to FEH Split & Delay Cnt																				
CD 19550	Fab/Delvr Beam Transport Split & Delay Controls	40	157	06/17/11	08/11/11	02/13/12	04/06/12	SL_CT	100.00											
CD 19560	AVAIL: Beam Transport Split & Delay Controls HW	0	128		09/21/11		04/06/12		0.00											
CD 19565	AVAIL: Beam Transport Split & Delay Controls SW	0	128		09/21/11		04/06/12		0.00											
9110917 Design & Engr - XCS BT to FEH Sys Integ Tst																				
CD 19570	Design Beam Transport to FEH Sys Integ Test	100	318	05/31/10	10/15/10	09/05/11	02/09/12	SL_CE	40.00											
CD 19572	COMP:Design Beam Transport to FEH Sys Integ Test	0	318		10/15/10		02/09/12		0.00											
CD 19575	FDR - Beam Transport to FEH Syst Intg Test	1	318	10/18/10	10/18/10	02/10/12	02/10/12	SL_CE	10.00											
9110923 Design & Engr - XCS Monochromator Controls																				
CD 03100	Design Monochromator Controls	20	66	04/13/09	05/08/09	07/14/09	08/10/09	SL_CE	15.00											
CD 03105	COMP: Design Monochromator Controls	0	66		05/08/09		08/10/09		0.00											
CD 03120	FDR - Final Design Review Monochromator Controls	1	66	05/11/09	05/11/09	08/11/09	08/11/09	SL_CE	5.00											
CD 03140	COMP: FDR for Monochromator Controls	0	66		05/11/09		08/11/09		0.00											
CD 03180	Develop Software Monochromator Controls	90	518	05/12/09	09/14/09	06/09/11	10/12/11	SL_CP	35.00											
CD 03220	Prepare Docs Monochromator Controls	30	518	09/15/09	10/26/09	10/13/11	11/30/11	SL_CP	5.00											
9110924 Procurement - XCS Monochromator Controls																				
CD 03145	Procurement Preps - Monochromator Controls	20	195	10/04/10	10/29/10	07/20/11	08/16/11		0.00											
CD 03150	AWARD: Monochromator Controls	1	195	11/01/10	11/01/10	08/17/11	08/17/11	AWARD	19,945.00											
CD 03160	Vendor Fab - Monochromator Controls	30	195	11/02/10	12/15/10	08/18/11	09/28/11	SL_MSEG	19,945.00											
CD 03165	RCV: Receive All Parts	0	195		12/15/10		09/28/11		0.00											
9110925 Fab & Assembly - XCS Monochromator Controls																				
CD 03200	Fab/Delvr Monochromator Controls	40	195	12/16/10	02/23/11	09/29/11	11/30/11	SL_CT	30.00											
CD 03240	AVAIL: Monochromator Controls Hardware	0	195		02/23/11		11/30/11		0.00											
CD 03260	AVAIL: Monochromator Controls Software	0	195		02/23/11		11/30/11		0.00											

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		
CD 19683	SLAC Approval Process -DB/Servers/Data Catalog/M	5	95	09/09/10	09/15/10	02/07/11	02/11/11		0.00											SLAC Approval Process -DB/Servers/Data Catalog/M
CD 19684	DOE Approval Process -DB/Servers/Data Catalog/M	5	95	09/16/10	09/22/10	02/14/11	02/18/11		0.00											DOE Approval Process -DB/Servers/Data Catalog/M
CD 19685	AWARD: DB/File Servers/Data Catalog/M	1	95	09/23/10	09/23/10	02/21/11	02/21/11	AWARD	34,000.00											AWARD: DB/File Servers/Data Catalog/M
CD 19687	Vendor Fab - DB & file servers Data Catalog/M	40	95	09/24/10	11/18/10	02/22/11	04/18/11	SL_MSEQ	34,000.00											Vendor Fab - DB & file servers Data Catalog/M
CD 19689	RCV: DB & file servers Data Catalog/M	0	95		11/18/10		04/18/11		0.00											RCV: DB & file servers Data Catalog/M
9110921 Installation - Data Catalog & Meta Mgmt																				
CD 19690	Install database and file server hardware Data C	60	95	11/19/10	02/28/11	04/19/11	07/11/11	SL_CP	60.00											Install database and file server hardware Data
CD 19695	Initial Installation of Data Catalog	0	95		02/28/11		07/11/11		0.00											Initial Installation of Data Catalog
CD 19700	Document Data Catalog / Metadata	60	95	03/01/11	05/23/11	07/12/11	10/03/11	SL_CP	80.00											Document Data Catalog / Metadata
CD 19705	End-to-end test Data Catalog / Metadata Manageme	60	95	05/24/11	08/15/11	10/04/11	01/10/12	SL_CP	260.00											End-to-end test Data Catalog / Metadata Manageme
CD 19710	Incorporate Data Catalog/Meta Revisional Changes	60	95	08/16/11	11/07/11	01/11/12	04/06/12	SL_CE	150.00											Incorporate Data Catalog/Meta Revisional Change
CD 19715	Ready for Operations	0	95		11/07/11		04/06/12		0.00											Ready for Operations
1.6.06.03 Processing Framework / Workflow / Pipeline																				
9110922 Design & Engr - Proc FW/Workflow/PL																				
CD 19720	Investigate Requirements for Processing Framework	50	155	04/27/09	07/03/09	12/02/09	02/23/10	SL_CE	200.00											Investigate Requirements for Processing Framework
CD 19725	Design Processing Framework/Workflow/Pipeline	50	155	07/06/09	09/11/09	02/24/10	05/04/10	SL_CE	200.00											Design Processing Framework/Workflow/Pipeline
CD 19730	PDR - Processing FW/WF/PL	1	155	09/14/09	09/14/09	05/05/10	05/05/10		0.00											PDR - Processing FW/WF/PL
CD 19735	Incorporate Processing Framework PDR changes	60	155	09/15/09	12/09/09	05/06/10	07/28/10	SL_CE	150.00											Incorporate Processing Framework PDR changes
CD 19740	Security Review of Processing Framework/Workflow	20	331	12/10/09	01/20/10	04/19/11	05/16/11	SL_CE	40.00											Security Review of Processing Framework/Workflow
CD 19745	FDR - Processing Framework/Workflow	0	331		01/20/10		05/16/11		0.00											FDR - Processing Framework/Workflow
CD 19750	Develop Software for Processing Framework/Workfl	100	331	01/21/10	06/09/10	05/17/11	10/03/11	SL_CE	350.00											Develop Software for Processing Framework/Workfl
CD 19755	Initial Installation - Processing Framework	0	331		06/09/10		10/03/11		0.00											Initial Installation - Processing Framework
CD 19760	Document Processing Framework/Workflow/Pipeline	60	331	06/10/10	09/01/10	10/04/11	01/10/12	SL_CP	80.00											Document Processing Framework/Workflow/Pipeline
CD 19765	End-to-end test Processing Framework/Workflow/Pi	60	331	09/02/10	11/24/10	01/11/12	04/06/12	SL_CP	200.00											End-to-end test Processing Framework/Workflow/Pi
CD 19770	Ready For Operations	0	331		11/24/10		04/06/12		0.00											Ready For Operations
CD 00001	COMP: Controls Preliminary Design	0	155		12/09/09		07/28/10		0.00											COMP: Controls Preliminary Design
CD 00002	COMP: Controls Design Ready XPP FIDR	0			02/02/09A		02/02/09A		0.00											COMP: Controls Design Ready XPP FIDR
CD 00003	COMP: Controls Final Design - XPP	0	101		03/09/10		07/28/10		0.00											COMP: Controls Final Design - XPP
CD 00004	COMP: Controls XPP ES Installation Complete	0	30		06/16/10		07/28/10		0.00											COMP: Controls XPP ES Installation Complete
CD 00007	COMP: Controls Design Ready CXI FIDR	0	62		05/14/09		08/10/09		0.00											COMP: Controls Design Ready CXI FIDR
CD 00009	COMP: Controls Final Design - CXI	0	87		01/12/11		05/13/11		0.00											COMP: Controls Final Design - CXI

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			
CD 00014	COMP: Controls CXI ES Installation Complete	0	75		01/28/11		05/13/11		0.00																				
CD 00017	COMP: Controls Design Ready XCS FIDR	0	25		07/07/09		08/11/09		0.00																				
CD 00019	COMP: Controls Final Design - CD-4	0	268		03/09/11		04/06/12		0.00																				
CD 00024	COMP: Controls CD-4 Installation Complete	0	95		11/07/11		04/06/12		0.00																				