

Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY08		FY09		FY10		FY11		FY12		
1.6 CONTROLS AND DATA ACQUISITION																				
CD 00001	COMP: Controls Preliminary Design	0	125				02/03/10		0.00											
CD 00002	COMP: Controls Design Ready XPP FIDR	0					02/02/09A		0.00											
CD 00003	COMP: Controls Final Design - XPP	0	125				02/03/10		0.00											
CD 00004	COMP: Controls XPP ES Installation Complete	0	35				06/09/10		0.00											
CD 00007	COMP: Controls Design Ready CXI FIDR	0	4				06/04/09		0.00											
CD 00009	COMP: Controls Final Design - CXI	0	320				02/03/10		0.00											
CD 00014	COMP: Controls CXI ES Installation Complete	0	100				12/10/10		0.00											
CD 00017	COMP: Controls Design Ready XCS FIDR	0	-18				07/07/09		0.00											
CD 00019	COMP: Controls Final Design - CD-4	0	428				06/14/10		0.00											
CD 00024	COMP: Controls CD-4 Installation Complete	0	94				10/11/11		0.00											
1.6.01 Controls and Data Acquisition System Integration																				
01 MIE Funds																				
9100491 Physics Support & Engr FY07&FY08-Q1&Q2																				
CD 00015	Start Controls and Data Acquisition	0		01	9100491	09/04/07A			0.00											
CD 00020	Controls Physics Support FY07	19		01	9100491	09/04/07A	09/28/07A		0.00											
CD 00025	Controls Physics Support FY08-Q1 & Q2	121		01	9100491	10/01/07A	03/31/08A	HIST_LBR	78,115.00											
CD 00088	Vendor Visits FY08-Q1 & Q2	121		01	9100491	10/01/07A	03/31/08A		0.00											
9100501 Specs, Design & Engr - Cntrl & DAQ																				
CD 00055	Engineering Integration & Support FY08-Q1 & Q2	121		01	9100501	10/01/07A	03/31/08A	HIST_M&S	119.00											
9100571 Specs, Design & Engr - Cntrl & DAQ																				
CD 00078	Lab Supplies FY08-Q1 & Q2	121		01	9100571	10/01/07A	03/31/08A	HIST_M&S	22.00											
9110601 Controls and DAQ System Integ & Design Support																				
CD 00026	Apr08 through Sep08 Plan Adjustment	21		01	9110601	09/01/08A	09/30/08A	HIST_LBR	170,244.00											
CD 00027	Controls Physics Support FY08-Q3 & Q4	131		01	9110601	04/01/08A	09/30/08A	SL_PHSS	0.00											
CD 00030	Controls Physics Support FY09-Q1 & Q2	118	126	01	9110601	10/01/08A	03/31/09	SL_PHSS	0.00											
CD 00057	Engineering Integration & Support FY08-Q3 & Q4	131		01	9110601	04/01/08A	09/30/08A	SL_CE	0.00											
CD 00060	Engineering Integration & Support FY09-Q1 & Q2	118	126	01	9110601	10/01/08A	03/31/09	SL_CE	102,902.94											
CD 00079	Lab Supplies FY08-Q3 & Q4	131		01	9110601	04/01/08A	09/30/08A	SL_MSCS	0.00											
CD 00080	Lab Supplies FY09-Q1 & Q2	118	126	01	9110601	10/01/08A	03/31/09	SL_MSCS	4,012.50											
CD 00089	Vendor Visits FY08-Q3 & Q4	131		01	9110601	04/01/08A	09/30/08A	SL_TRVL	0.00											
CD 00090	Vendor Visits FY09-Q1 & Q2	118	126	01	9110601	10/01/08A	03/31/09	SL_TRVL	1,800.00											

Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY08		FY09		FY10		FY11		FY12		
CD 01306	SLAC Approval Process - XPP Hutch Workstation	5	189	02	9120650	04/07/09	04/13/09		0.00											
CD 01307	DOE Approval Process - XPP Hutch Workstation	5	189	02	9120650	04/14/09	04/20/09		0.00											
CD 01313	AWARD: XPP Hutch Workstation	1	185	02	9120650	04/27/09	04/27/09	AWARD	30,310.96											
CD 01314	Vendor Fab - XPP Hutch Workstation	30	185	02	9120650	04/28/09	06/08/09	SL_MSEQ	30,310.96											
CD 01315	RCV: Receive All XPP Hutch Parts	0	185	02	9120650		06/08/09		0.00											
9120651 Fab & Assembly - XPP H3 Standard Hutch Controls																				
CD 01320	Fab/Delvr XPP Hutch Workstation	40	129	02	9120651	08/26/09	10/20/09	SL_CT	5,182.08											
9120652 Testing - XPP H3 Standard Hutch Controls																				
CD 01340	System Test XPP Hutch Workstation	20	129	02	9120652	10/21/09	11/17/09	SL_CP	1,769.40											
CD 01360	Prepare Docs XPP Hutch Workstation	20	129	02	9120652	11/18/09	12/17/09	SL_CP	442.35											
CD 01380	AVAIL: XPP Hutch Workstation Hardware	0	129	02	9120652		12/17/09		0.00											
CD 01400	AVAIL: XPP Hutch Workstation Software	0	129	02	9120652		12/17/09		0.00											
1.6.03.02.03 XPP H3 Beam Line Processor																				
02 ARRA Funds																				
9120649 Procurement - XPP H3 Standard Hutch Controls																				
CD 01440	Procure Preps/Approval - XPP Hutch Beam Line	20	85	02	9120649	04/27/09	05/22/09		0.00											
CD 01442	AWARD: XPP Hutch Beam Line Processor	1	85	02	9120649	05/25/09	05/25/09	AWARD	19,301.73											
CD 01445	Vendor Fab - XPP Hutch Beam Line Processor	30	85	02	9120649	05/26/09	07/06/09	SL_MSEG	19,301.73											
CD 01450	RCV: Receive All XPP Hutch Beam Line Parts	0	85	02	9120649		07/06/09		0.00											
9120651 Fab & Assembly - XPP H3 Standard Hutch Controls																				
CD 01460	Fab/Delvr XPP Hutch Beam Line Processor	40	85	02	9120651	07/07/09	08/31/09	SL_CP	2,552.10											
9120652 Testing - XPP H3 Standard Hutch Controls																				
CD 01480	System Test XPP Hutch Beam Line Processor	20	165	02	9120652	09/01/09	09/28/09	SL_CP	1,701.40											
CD 01500	Prepare Docs XPP Hutch Beam Line Processor	20	165	02	9120652	09/29/09	10/26/09	SL_CP	442.01											
CD 01520	AVAIL: XPP Hutch Beam Line Processor Hardware	0	165	02	9120652		10/26/09		0.00											
CD 01540	AVAIL: XPP Hutch Beam Line Processor Software	0	165	02	9120652		10/26/09		0.00											
1.6.03.02.04 XPP H3 Channel Access Gateway																				
02 ARRA Funds																				
9120649 Procurement - XPP H3 Standard Hutch Controls																				
CD 01580	Procure Preps/Approval - XPP Hutch Channl Access	20	125	02	9120649	04/27/09	05/22/09		0.00											
CD 01582	AWARD: XPP Hutch Channel Access Gateway	1	125	02	9120649	05/25/09	05/25/09	AWARD	4,560.34											
CD 01585	Vendor Fab - XPP Hutch Channel Access Gateway	30	125	02	9120649	05/26/09	07/06/09	SL_MSEG	4,560.34											
CD 01590	RCV: Receive All XPP Hutch Channel Access Parts	0	125	02	9120649		07/06/09		0.00											
9120651 Fab & Assembly - XPP H3 Standard Hutch Controls																				
CD 01600	Fab/Delvr XPP Hutch Channel Access Gateway	40	85	02	9120651	09/01/09	10/26/09	SL_CP	2,598.00											

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9120652 Testing - XPP H3 Standard Hutch Controls																					
CD 01620	System Test XPP Hutch Channel Access Gateway	20	125	02	9120652	10/27/09	11/23/09	SL_CP	1,769.40												
CD 01640	Prepare Docs XPP Hutch Channel Access Gateway	20	125	02	9120652	11/24/09	01/06/10	SL_CP	442.35												
CD 01660	AVAIL: XPP Hutch Channel Access Gateway Hardware	0	125	02	9120652		01/06/10		0.00												
CD 01680	AVAIL: XPP Hutch Channel Access Gateway Software	0	125	02	9120652		01/06/10		0.00												
1.6.03.02.05 XPP H3 MPS																					
02 ARRA Funds																					
9120649 Procurement - XPP H3 Standard Hutch Controls																					
CD 01685	Procure Preps/Approval - XPP Hutch MPS	20	165	02	9120649	04/27/09	05/22/09		0.00												
CD 01690	AWARD: XPP Hutch MPS	1	165	02	9120649	05/25/09	05/25/09	AWARD	18,407.21												
CD 01695	Vendor Fab - XPP Hutch MPS	30	165	02	9120649	05/26/09	07/06/09	SL_MSEG	18,407.21												
CD 01700	RCV: Receive All XPP Hutch MPS Parts	0	165	02	9120649		07/06/09		0.00												
9120651 Fab & Assembly - XPP H3 Standard Hutch Controls																					
CD 01720	Fab/Delvr XPP Hutch MPS	40	85	02	9120651	10/27/09	01/06/10	SL_CT	1,328.80												
9120652 Testing - XPP H3 Standard Hutch Controls																					
CD 01740	System Test XPP Hutch MPS	20	85	02	9120652	01/07/10	02/03/10	SL_CP	1,769.40												
CD 01760	Prepare Docs XPP Hutch MPS	20	85	02	9120652	02/04/10	03/03/10	SL_CP	442.35												
CD 01780	AVAIL: XPP Hutch MPS Hardware	0	85	02	9120652		03/03/10		0.00												
CD 01800	AVAIL: XPP Hutch MPS Firmware	0	85	02	9120652		03/03/10		0.00												
1.6.03.03.01 XPP H3 Data Acquisition (DAQ)																					
02 ARRA Funds																					
9120653 Design & Engr - XPP H3 Specific Controls																					
CD 01820	Design XPP Specific Controls Data Acquisition	140	21	02	9120653	04/01/09*	10/13/09	SL_CE	90,251.11												
CD 01825	COMP: XPP Specific Design Data Acquisition	0	21	02	9120653		10/13/09		0.00												
CD 01840	FDR - XPP Specific Data Acquisition	1	21	02	9120653	10/14/09	10/14/09	SL_CE	2,426.60												
CD 01900	Develop Software XPP Specific Data Acquisition	90	63	02	9120653	10/15/09	03/05/10	SL_CP	35,388.00												
9120655 Subcontract - XPP H3 Specific Controls																					
CD 01865	Prep Bid Pkg & App - XPP Specific DAQ	15	21	02	9120655	10/15/09	11/04/09		0.00												
CD 01866	RELEASE: RFP - XPP Specific DAQ	0	21	02	9120655		11/04/09		0.00												
CD 01867	Vendor Proposal Effort - XPP Specific DAQ	20	21	02	9120655	11/05/09	12/04/09		0.00												
CD 01868	RCV: Vendor Deliverables - XPP Specific DAQ	0	21	02	9120655		12/04/09		0.00												
CD 01869	Eval & Selection Process -XPP Specific DAQ	15	21	02	9120655	12/07/09	01/08/10		0.00												
CD 01870	Vendor Selection - XPP Specific DAQ	0	21	02	9120655		01/08/10		0.00												
CD 01871	SLAC Approval Process - XPP Specific DAQ	5	21	02	9120655	01/11/10	01/15/10		0.00												
CD 01872	DOE Approval Process - XPP Specific DAQ	5	21	02	9120655	01/18/10	01/22/10		0.00												

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CD 01875	AWARD: XPP Specific Data Acquisition (DAQ)	1	21	02	9120655	01/25/10	01/25/10	AWARD	51,144.98					X AWARD: XPP Specific Data Acquisition (DAQ)						
CD 01880	Vendor Fab - XPP Specific Data Acquisition Parts	30	21	02	9120655	01/26/10	03/08/10	SL_MSEQ	51,144.98					Vendor Fab - XPP Specific Data Acquisition Parts						
CD 01890	RCV: Receive All XPP Specific DAQ Parts	0	21	02	9120655		03/08/10		0.00					RCV: Receive All XPP Specific DAQ Parts						
9120656 Fab & Assembly - XPP H3 Specific Controls																				
CD 01920	Fab/Delvr XPP Specific Data Acquisition	40	21	02	9120656	03/09/10	05/03/10	SL_CT	9,301.60					Fab/Delvr XPP Specific Data Acquisition						
9120657 Testing - XPP H3 Specific Controls																				
CD 01940	System Test XPP Specific Data Acquisition	1	21	02	9120657	05/04/10	05/04/10	SL_CP	3,538.80					System Test XPP Specific Data Acquisition						
CD 01960	Prepare Docs XPP Specific Data Acquisition	20	21	02	9120657	05/05/10	06/01/10	SL_CP	1,769.40					Prepare Docs XPP Specific Data Acquisition						
CD 01980	AVAIL: XPP Specific Data Acquisition Hardware	0	21	02	9120657		06/01/10		0.00					AVAIL: XPP Specific Data Acquisition Hardware						
CD 02000	AVAIL: XPP Specific Data Acquisition Software	0	21	02	9120657		06/01/10		0.00					AVAIL: XPP Specific Data Acquisition Software						
1.6.03.03.02 XPP H3 DAQ Hutch Data Management																				
02 ARRA Funds																				
9120653 Design & Engr - XPP H3 Specific Controls																				
CD 02020	Design XPP Specific DAQ Hutch Data Management	80	115	02	9120653	04/27/09	08/14/09	SL_CE	7,000.20					Design XPP Specific DAQ Hutch Data Management						
CD 02025	COMP: Design XPP Specific DAQ Hutch Data Mgmt	0	115	02	9120653		08/14/09		0.00					COMP: Design XPP Specific DAQ Hutch Data Mgmt						
CD 02040	FDR - XPP Specific DAQ Hutch Data Management	1	115	02	9120653	08/17/09	08/17/09	SL_CE	2,333.40					FDR - XPP Specific DAQ Hutch Data Management						
CD 02100	Develop S/W XPP Specific DAQ Hutch Data Mgmt	80	115	02	9120653	08/18/09	12/09/09	SL_CP	5,271.48					Develop S/W XPP Specific DAQ Hutch Data Mgmt						
9120656 Fab & Assembly - XPP H3 Specific Controls																				
CD 02120	Fab/Delvr XPP Specific DAQ Hutch Data Management	40	154	02	9120656	08/18/09	10/12/09	SL_CT	2,575.68					Fab/Delvr XPP Specific DAQ Hutch Data Management						
9120657 Testing - XPP H3 Specific Controls																				
CD 02140	System Test XPP Specific DAQ Hutch Data Mgmt	1	154	02	9120657	10/13/09	10/13/09	SL_CP	7,077.60					System Test XPP Specific DAQ Hutch Data Mgmt						
CD 02160	Prepare Docs XPP Specific DAQ Hutch Data Mgmt	20	115	02	9120657	12/10/09	01/20/10	SL_CP	1,769.40					Prepare Docs XPP Specific DAQ Hutch Data Mgmt						
CD 02180	AVAIL: XPP Speific DAQ Hutch Data Management H/W	0	115	02	9120657		01/20/10		0.00					AVAIL: XPP Speific DAQ Hutch Data Management H/W						
CD 02200	AVAIL: XPP Specific DAQ Hutch Data Management SW	0	115	02	9120657		01/20/10		0.00					AVAIL: XPP Specific DAQ Hutch Data Management SW						
1.6.03.03.03 XPP H3 Experiment Configuration Control																				
02 ARRA Funds																				
9120653 Design & Engr - XPP H3 Specific Controls																				
CD 02220	Design XPP Specific Experiment Config Control	80	64	02	9120653	04/27/09	08/14/09	SL_CE	9,333.60					Design XPP Specific Experiment Config Control						
CD 02225	COMP: Design XPP Specific Experim Config Control	0	64	02	9120653		08/14/09		0.00					COMP: Design XPP Specific Experim Config Control						
CD 02230	FDR - XPP Specific Experiment Config Control	1	64	02	9120653	08/17/09	08/17/09	SL_CE	2,333.40					FDR - XPP Specific Experiment Config Control						
CD 02240	Develop SW XPP Specific Experiment Config Contro	90	105	02	9120653	08/18/09	01/06/10	SL_CP	28,148.41					Develop SW XPP Specific Experiment Config Contro						
9120655 Subcontract - XPP H3 Specific Controls																				
CD 02231	Prep Bid Pkg & App - XPP Specific Experim Config	15	64	02	9120655	08/18/09	09/07/09		0.00					Prep Bid Pkg & App - XPP Specific Experim Config						
CD 02232	RELEASE: RFP - XPP Specific Experim Config	0	64	02	9120655		09/07/09		0.00					RELEASE: RFP - XPP Specific Experim Config						
CD 02233	Vendor Proposal Effort -XPP Specific Exprmt Ctrl	20	64	02	9120655	09/08/09	10/05/09		0.00					Vendor Proposal Effort -XPP Specific Exprmt Ctrl						

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CD 02591	COMP: XPP Specific Controls Design Vac Controls	0	64	02	9120653		09/11/09		0.00											
CD 02592	FDR - XPP Specific Controls Vacuum Controls	1	64	02	9120653	09/14/09	09/14/09	SL_CE	1,166.70											
CD 02598	Develop Software XPP Specific Vacuum Controls	80	115	02	9120653	09/15/09	01/20/10	SL_CP	10,602.12											
9120655 Subcontract - XPP H3 Specific Controls																				
CD 02582	Prep Bid Pkg & App - XPP Specific Vacuum Ctrls	15	64	02	9120655	09/15/09	10/05/09		0.00											
CD 02583	RELEASE: RFP - XPP Specific Vacuum Ctrls	0	64	02	9120655		10/05/09		0.00											
CD 02584	Vendor Proposal Effort -XPP Specific Vacuum Ctrl	20	64	02	9120655	10/06/09	11/02/09		0.00											
CD 02585	RCV: Vendor Deliverables-XPP Specific Vacuum Ct	0	64	02	9120655		11/02/09		0.00											
CD 02586	Eval & Selection Process -XPP Specific Vacuum Ct	15	64	02	9120655	11/03/09	11/23/09		0.00											
CD 02587	Vendor Selection - XPP Specific Vacuum Ctrls	0	64	02	9120655		11/23/09		0.00											
CD 02588	SLAC Approval Process -XPP Specific Vacuum Ctrls	5	64	02	9120655	11/24/09	12/02/09		0.00											
CD 02589	DOE Approval Process - XPP Specific Vacuum Ctrls	5	64	02	9120655	12/03/09	12/09/09		0.00											
CD 02597	AWARD: XPP Specific Controls Vacuum Controls	1	64	02	9120655	12/10/09	12/10/09	AWARD	65,994.05											
CD 02600	Vendor Fab -XPP Specific Control Vacuum Controls	30	64	02	9120655	12/11/09	02/04/10	SL_MSEQ	65,994.05											
CD 02602	RCV: Receive All XPP Specific Controls Parts	0	64	02	9120655		02/04/10		0.00											
9120656 Fab & Assembly - XPP H3 Specific Controls																				
CD 02604	Fab/Delvr XPP Specific Controls Vacuum Controls	40	64	02	9120656	02/05/10	04/01/10	SL_CT	2,657.60											
9120657 Testing - XPP H3 Specific Controls																				
CD 02606	Prepare Docs XPP Specific Control Vac Controls	20	64	02	9120657	04/02/10	04/29/10	SL_CP	884.70											
CD 02608	AVAIL: XPP Specific Controls Vacuum Controls HW	0	64	02	9120657		04/29/10		0.00											
CD 02610	AVAIL: XPP Specific Controls Vacuum Controls SW	0	64	02	9120657		04/29/10		0.00											
1.6.03.03.06 XPP H3 Pop-In Profile Monitor Controls																				
02 ARRA Funds																				
9120653 Design & Engr - XPP H3 Specific Controls																				
CD 02920	Design XPP Speci Pop-In Profile Monitor Controls	80	69	02	9120653	04/27/09	08/14/09	SL_CE	3,500.10											
CD 02925	COMP: Design XPP Pop-In Profile Monitor Controls	0	69	02	9120653		08/14/09		0.00											
CD 02940	FDR - XPP Specif Pop-In Profile Monitor Controls	1	69	02	9120653	08/17/09	08/17/09	SL_CE	583.35											
CD 03000	Develop SW XPP Spefic Pop-In PM Controls	40	90	02	9120653	09/15/09	11/09/09	SL_CP	3,523.84											
9120654 Procurement - XPP H3 Specific Controls																				
CD 02965	Procurement Preps - XPP Specific PopIn PM	20	69	02	9120654	08/18/09	09/14/09		0.00											
CD 02967	AWARD: XPP Specific Pop-In PM Controls	1	69	02	9120654	09/15/09	09/15/09	AWARD	19,708.33											
CD 02980	Vendor Fab - XPP Specific Pop-In PM Controls	40	69	02	9120654	09/16/09	11/10/09	SL_MSEG	20,076.71											
CD 02990	RCV: Receive All XPP Specific Controls Parts	0	69	02	9120654		11/10/09		0.00											

Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY08		FY09		FY10		FY11		FY12	
CD 03525	RCV: Receive All XPP Specific Attenuator Parts	0	425	02	9120654		03/04/10		0.00					◆ RCV: Receive All XPP Specific Attenuator Parts					
9120656 Fab & Assembly - XPP H3 Specific Controls																			
CD 03560	Fab/Delvr XPP Specific Attenuator Controls	40	425	02	9120656	03/05/10	04/29/10	SL_CT	1,328.80					◆ Fab/Delvr XPP Specific Attenuator Controls					
9120657 Testing - XPP H3 Specific Controls																			
CD 03580	Prepare Docs XPP Specific Attenuator Controls	20	425	02	9120657	04/30/10	05/27/10	SL_CP	884.70					◆ Prepare Docs XPP Specific Attenuator Controls					
CD 03600	AVAIL: XPP Specific Attenuator Controls HW	0	425	02	9120657		05/27/10		0.00					◆ AVAIL: XPP Specific Attenuator Controls HW					
CD 03620	AVAIL: XPP Specific Attenuator Controls SW	0	425	02	9120657		05/27/10		0.00					◆ AVAIL: XPP Specific Attenuator Controls SW					
1.6.03.03.12 XPP Pulse Picker																			
01 MIE Funds																			
9110936 Design & Engr - XPP H3 Pulse Picker Controls																			
CD03685	Design XPP Pulse Picker Controls	80	159	01	9110936	01/19/09A	05/08/09	SL_CE	4,666.80					◆ Design XPP Pulse Picker Controls					
CD03690	COMP: Design XPP Pulse Picker Controls	0	159	01	9110936		05/08/09		0.00					◆ COMP: Design XPP Pulse Picker Controls					
CD03695	FDR - XPP Pulse Picker Controls	1	159	01	9110936	05/11/09	05/11/09	SL_CE	1,166.70					◆ FDR - XPP Pulse Picker Controls					
02 ARRA Funds																			
9120653 Design & Engr - XPP H3 Specific Controls																			
CD03755	Develop Software XPP Pulse Picker Controls	80	190	02	9120653	05/12/09	08/31/09	SL_CP	5,104.20					◆ Develop Software XPP Pulse Picker Controls					
9120655 Subcontract - XPP H3 Specific Controls																			
CD03700	Prep Bid Pkg & App - XPP Pulse Picker Cntrl	15	159	02	9120655	05/12/09	06/01/09		0.00					◆ Prep Bid Pkg & App - XPP Pulse Picker Cntrl					
CD03705	RELEASE: RFP - XPP Pulse Picker Cntrl	0	159	02	9120655		06/01/09		0.00					◆ RELEASE: RFP - XPP Pulse Picker Cntrl					
CD03710	Vendor Proposal Effort - XPP Pulse Picker Cntrl	20	159	02	9120655	06/02/09	06/29/09		0.00					◆ Vendor Proposal Effort - XPP Pulse Picker Cntrl					
CD03715	RCV: Vendor Deliverables-XPP Pulse Picker Cntrl	0	159	02	9120655		06/29/09		0.00					◆ RCV: Vendor Deliverables-XPP Pulse Picker Cntrl					
CD03720	Eval & Selection Process -XPP Pulse Picker Cntrl	15	159	02	9120655	06/30/09	07/20/09		0.00					◆ Eval & Selection Process -XPP Pulse Picker Cntrl					
CD03725	Vendor Selection - XPP Pulse Picker Cntrl	0	159	02	9120655		07/20/09		0.00					◆ Vendor Selection - XPP Pulse Picker Cntrl					
CD03730	SLAC Approval Process -XPP Pulse Picker Cntrl	5	159	02	9120655	07/21/09	07/27/09		0.00					◆ SLAC Approval Process -XPP Pulse Picker Cntrl					
CD03735	DOE Approval Process - XPP Pulse Picker Cntrl	5	159	02	9120655	07/28/09	08/03/09		0.00					◆ DOE Approval Process - XPP Pulse Picker Cntrl					
CD03740	AWARD: XPP Pulse Picker Controls	1	159	02	9120655	08/04/09	08/04/09	AWARD	11,531.39					◆ AWARD: XPP Pulse Picker Controls					
CD03745	Vendor Fab - XPP Pulse Picker Controls	30	159	02	9120655	08/05/09	09/15/09	SL_MSEG	11,531.39					◆ Vendor Fab - XPP Pulse Picker Controls					
CD03750	RCV: Receive All XPP Pulse Picker Controls Parts	0	159	02	9120655		09/15/09		0.00					◆ RCV: Receive All XPP Pulse Picker Controls Parts					
9120656 Fab & Assembly - XPP H3 Specific Controls																			
CD03760	Fab/Delvr XPP Pulse Picker Controls	40	159	02	9120656	09/16/09	11/10/09	SL_CT	1,314.72					◆ Fab/Delvr XPP Pulse Picker Controls					
9120657 Testing - XPP H3 Specific Controls																			
CD03765	Prepare Docs XPP Pulse Picker Controls	20	190	02	9120657	09/01/09	09/28/09	SL_CP	425.35					◆ Prepare Docs XPP Pulse Picker Controls					
CD03770	AVAIL: XPP Pulse Picker Controls Hardware	0	159	02	9120657		11/10/09		0.00					◆ AVAIL: XPP Pulse Picker Controls Hardware					
CD03775	AVAIL: XPP Pulse Picker Controls Software	0	159	02	9120657		11/10/09		0.00					◆ AVAIL: XPP Pulse Picker Controls Software					

Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY08		FY09		FY10		FY11		FY12		
CD 05010	AWARD: XPP Laser System Controls	1	534	02	9120654	09/15/09	09/15/09	AWARD	0.00											
CD 05020	Vendor Fab - XPP Laser System Controls	30	534	02	9120654	09/16/09	10/27/09	SL_MSEG	0.00											
CD 05025	RCV: Receive All XPP Laser System Controls Parts	0	534	02	9120654		10/27/09		0.00											
9120656 Fab & Assembly - XPP H3 Specific Controls																				
CD 05060	Fab/Delvr XPP Laser System Controls	40	534	02	9120656	10/28/09	01/07/10	SL_CT	3,986.40											
9120657 Testing - XPP H3 Specific Controls																				
CD 05080	Prepare Docs XPP Laser System Controls	20	534	02	9120657	01/08/10	02/04/10	SL_CP	3,538.80											
CD 05100	AVAIL: XPP Laser System Controls Hardware	0	534	02	9120657		02/04/10		0.00											
CD 05120	AVAIL: XPP Laser System Controls Software	0	534	02	9120657		02/04/10		0.00											
1.6.03.03.20 XPP H3 Laser Optics Controls																				
02 ARRA Funds																				
9120653 Design & Engr - XPP H3 Specific Controls																				
CD 05347	Design XPP Laser Optics Controls	80	79	02	9120653	04/27/09	08/14/09	SL_CE	4,666.80											
CD 05348	COMP: Design XPP Laser Optics Controls	0	79	02	9120653		08/14/09		0.00											
CD 05349	FDR - XPP Laser Optics Controls	1	79	02	9120653	08/17/09	08/17/09	SL_CE	1,166.70											
CD 05357	Develop Software XPP Laser Optics Controls	80	130	02	9120653	08/18/09	12/09/09	SL_CP	9,664.38											
9120655 Subcontract - XPP H3 Specific Controls																				
CD 05335	Prep Bid Pkg & App - XPP Laser Optics	15	79	02	9120655	08/18/09	09/07/09		0.00											
CD 05336	RELEASE: RFP - XPP Laser Optics	0	79	02	9120655		09/07/09		0.00											
CD 05337	Vendor Proposal Effort -XPP Laser Optics	20	79	02	9120655	09/08/09	10/05/09		0.00											
CD 05338	RCV: Vendor Deliverables-XPP Laser Optics	0	79	02	9120655		10/05/09		0.00											
CD 05339	Eval & Selection Process -XPP Laser Optics	15	79	02	9120655	10/06/09	10/26/09		0.00											
CD 05340	Vendor Selection - XPP Laser Optics	0	79	02	9120655		10/26/09		0.00											
CD 05341	SLAC Approval Process -XPP Laser Optics	5	79	02	9120655	10/27/09	11/02/09		0.00											
CD 05342	DOE Approval Process - XPP Laser Optics	5	79	02	9120655	11/03/09	11/09/09		0.00											
CD 05352	AWARD: XPP Laser Optics Controls	1	79	02	9120655	11/10/09	11/10/09	AWARD	85,515.95											
CD 05353	Vendor Fab - XPP Laser Optics Controls	30	79	02	9120655	11/11/09	01/07/10	SL_MSEQ	85,515.95											
CD 05355	RCV: Receive All XPP Laser Optics Parts	0	79	02	9120655		01/07/10		0.00											
9120656 Fab & Assembly - XPP H3 Specific Controls																				
CD 05359	Fab/Delvr XPP Laser Optics Controls	40	79	02	9120656	01/08/10	03/04/10	SL_CT	5,315.20											
9120657 Testing - XPP H3 Specific Controls																				
CD 05361	Prepare Docs XPP Laser Optics Controls	20	79	02	9120657	03/05/10	04/01/10	SL_CP	884.70											
CD 05363	AVAIL: XPP Laser Optics Controls Hardware	0	79	02	9120657		04/01/10		0.00											
CD 05365	AVAIL: XPP Laser Optics Controls Software	0	79	02	9120657		04/01/10		0.00											

Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY08		FY09		FY10		FY11		FY12	
02 ARRA Funds																			
9120723 CXI H5 Controls Requirements & Design Support																			
CD 07660	Preliminary Design for CXI	45	4	02	9120723	04/02/09	06/03/09	SL_CE	15,167.10										
CD 07700	PDR - CXI Controls Requirements & Design	1	4	02	9120723	06/04/09	06/04/09	SL_CE	3,500.10										
CD 07740	Post PDR Design Effort for CXI Requirments	10	80	02	9120723	06/05/09	06/18/09	SL_CE	583.35										
CD 07750	PDR - Prelim Design Review - CXI Phase 2	1	80	02	9120723	06/19/09	06/19/09	SL_CE	3,500.10										
CD 07760	Post Design Effort Phase 2 - CXI Req'mts	20	80	02	9120723	06/22/09	07/17/09	SL_CE	4,666.80										
CD 07780	Post Design Effort Phase 3 - CXI Req'mts	50	80	02	9120723	07/20/09	09/25/09		0.00										
1.6.04.01.02 CXI H5 Development Test Setup																			
02 ARRA Funds																			
9120725 Subcontract - CXI H5 Development Test Setup																			
CD 07770	Procure Preps/Approval - CXI Develop Test Setup	80	181	02	9120725	06/05/09	09/24/09		0.00										
CD 07772	AWARD: CXI Specific Hardware & Software	1	112	02	9120725	01/18/10	01/18/10	AWARD	27,250.00										
CD 07782	Vendor Fab - CXI Specific Hardware & Software	100	112	02	9120725	01/19/10	06/07/10	SL_MSEQ	27,250.00										
CD 07785	RCV: Recv All CXI Development Test Setup Parts	0	112	02	9120725		06/07/10		0.00										
9120726 Installation - CXI H5 Development Test Setup																			
CD 07800	Fab/Delvr CXI Specific Hardware & Software	40	112	02	9120726	06/08/10	08/02/10	SL_CT	5,315.20										
CD 07820	Develop Software for CXI Test Setup	80	112	02	9120726	08/03/10	11/22/10	SL_CP	18,181.64										
CD 07840	COMP: CXI Test Setup	0	112	02	9120726		11/22/10		0.00										
1.6.04.02.01 CXI H5 Cables & Racks																			
02 ARRA Funds																			
9120658 Design & Engr - CXI H5 Standard Hutch Controls																			
CD 07860	Prepare Parts List for CXI Hutch Cables & Racks	60	50	02	9120658	06/05/09	08/27/09	SL_CE	9,333.60										
CD 07880	Prepare Layout for CXI Hutch Cables & Racks	25	50	02	9120658	08/28/09	10/01/09	SL_CE	11,700.55										
9120660 Subcontract - CXI H5 Standard Hutch Controls																			
CD 07885	Prep Bid Pkg & App - CXI Hutch Cables & Racks	15	50	02	9120660	10/02/09	10/22/09		0.00										
CD 07886	RELEASE: RFP - CXI Hutch Cables & Racks	0	50	02	9120660		10/22/09		0.00										
CD 07887	Vendor Proposal Effort -CXI Hutch Cables & Racks	20	50	02	9120660	10/23/09	11/19/09		0.00										
CD 07888	RCV: Vendor Deliverables-CXI Hutch Cables & Rac	0	50	02	9120660		11/19/09		0.00										
CD 07889	Eval & Selection Process -CXI Hutch Cables & Rac	15	50	02	9120660	11/20/09	12/14/09		0.00										
CD 07890	Vendor Selection - CXI Hutch Cables & Racks	0	50	02	9120660		12/14/09		0.00										
CD 07891	SLAC Approval Process -CXI Hutch Cables & Racks	5	50	02	9120660	12/15/09	01/04/10		0.00										
CD 07892	DOE Approval Process - CXI Hutch Cables & Racks	5	50	02	9120660	01/05/10	01/11/10		0.00										
CD 07895	AWARD: CXI Hutch Cables & Racks	1	46	02	9120660	01/18/10	01/18/10	AWARD	287,587.78										
CD 07900	Vendor Fab - CXI Hutch Cables & Racks	20	46	02	9120660	01/19/10	02/15/10	SL_MSEQ	287,587.78										

Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY08		FY09		FY10		FY11		FY12		
CD 07905	RCV: Receive All CXI Hutch Cables & Racks Parts	0	46	02	9120660		02/15/10		0.00					◆ RCV: Receive All CXI Hutch Cables & Racks Parts						
9120661 Fab & Assembly - CXI H5 Standard Hutch Controls																				
CD 07920	Fab/Delvr CXI Hutch Cables & Racks	40	46	02	9120661	02/16/10	04/12/10	SL_CT	19,932.00					▲ Fab/Delvr CXI Hutch Cables & Racks						
CD 07940	Prepare Docs CXI Hutch Cables & Racks	20	46	02	9120661	03/16/10	04/12/10	SL_CT	5,315.20					▲ Prepare Docs CXI Hutch Cables & Racks						
CD 07960	AVAIL: CXI Hutch Cables & Racks	0	46	02	9120661		04/12/10		0.00					◆ AVAIL: CXI Hutch Cables & Racks						
1.6.04.02.02 CXI H5 Workstation																				
02 ARRA Funds																				
9120660 Subcontract - CXI H5 Standard Hutch Controls																				
CD 08000	Procurement Preps - CXI Hutch Workstation	40	120	02	9120660	09/28/09	11/20/09		0.00					▲ Procurement Preps - CXI Hutch Workstation						
CD 08005	AWARD: CXI Hutch Workstation	1	92	02	9120660	01/18/10	01/18/10	AWARD	8,938.00					▲ AWARD: CXI Hutch Workstation						
CD 08010	Vendor Fab - CXI Hutch Workstation	100	92	02	9120660	01/19/10	06/07/10	SL_MSEG	8,938.00					▲ Vendor Fab - CXI Hutch Workstation						
CD 08015	RCV: Receive All CXI Hutch Workstation Parts	0	92	02	9120660		06/07/10		0.00					◆ RCV: Receive All CXI Hutch Workstation Parts						
9120661 Fab & Assembly - CXI H5 Standard Hutch Controls																				
CD 08020	Fab/Delvr CXI Hutch Workstation	40	92	02	9120661	06/08/10	08/02/10	SL_CP	7,077.60					▲ Fab/Delvr CXI Hutch Workstation						
9120662 Testing - CXI H5 Standard Hutch Controls																				
CD 08040	System Test CXI Hutch Workstation	20	132	02	9120662	08/03/10	08/30/10	SL_CP	1,769.40					▲ System Test CXI Hutch Workstation						
CD 08060	Prepare Docs CXI Hutch Workstation	20	132	02	9120662	08/31/10	09/27/10	SL_CP	442.35					▲ Prepare Docs CXI Hutch Workstation						
CD 08080	AVAIL: CXI Hutch Workstation Hardware	0	132	02	9120662		09/27/10		0.00					◆ AVAIL: CXI Hutch Workstation Hardware						
CD 08100	AVAIL: CXI Hutch Workstation Software	0	132	02	9120662		09/27/10		0.00					◆ AVAIL: CXI Hutch Workstation Software						
1.6.04.02.03 CXI H5 Beam Line Processor																				
02 ARRA Funds																				
9120659 Procurement - CXI H5 Standard Hutch Controls																				
CD 08140	Procurement Preps - CXI Hutch Beam Line	80	120	02	9120659	09/28/09	02/02/10		0.00					▲ Procurement Preps - CXI Hutch Beam Line						
CD 08141	AWARD: CXI Hutch Beam Line Processor	1	120	02	9120659	02/03/10	02/03/10	AWARD	19,662.51					▲ AWARD: CXI Hutch Beam Line Processor						
CD 08142	Vendor Fab - CXI Hutch Beam Line Processor	100	120	02	9120659	02/04/10	06/23/10	SL_MSEG	19,662.51					▲ Vendor Fab - CXI Hutch Beam Line Processor						
CD 08145	RCV: Receive All CXI Hutch Beam Line Parts	0	120	02	9120659		06/23/10		0.00					◆ RCV: Receive All CXI Hutch Beam Line Parts						
9120661 Fab & Assembly - CXI H5 Standard Hutch Controls																				
CD 08160	Fab/Delvr CXI Hutch Beam Line Processor	40	92	02	9120661	08/03/10	09/27/10	SL_CP	1,769.40					▲ Fab/Delvr CXI Hutch Beam Line Processor						
9120662 Testing - CXI H5 Standard Hutch Controls																				
CD 08180	System Test CXI Hutch Beam Line Processor	20	92	02	9120662	09/28/10	10/25/10	SL_CP	1,829.58					▲ System Test CXI Hutch Beam Line Processor						
CD 08200	Prepare Docs CXI Hutch Beam Line Processor	20	92	02	9120662	10/26/10	11/22/10	SL_CP	460.05					▲ Prepare Docs CXI Hutch Beam Line Processor						
CD 08220	AVAIL: CXI Hutch Beam Line Processor Hardware	0	92	02	9120662		11/22/10		0.00					◆ AVAIL: CXI Hutch Beam Line Processor Hardware						
CD 08240	AVAIL: CXI Hutch Beam Line Processor Software	0	92	02	9120662		11/22/10		0.00					◆ AVAIL: CXI Hutch Beam Line Processor Software						

Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY08		FY09		FY10		FY11		FY12		
9120665 Subcontract - CXI H5 Specific Controls																				
CD 08580	Prep Bid Pkg & App - CXI Specific Data Acq	15	139	02	9120665	02/04/10	02/24/10		0.00											
CD 08581	RELEASE: RFP - CXI Specific Data Acq	0	139	02	9120665		02/24/10		0.00											
CD 08582	Vendor Proposal Effort -CXI Specific Data Acq	20	139	02	9120665	02/25/10	03/24/10		0.00											
CD 08583	RCV: Vendor Deliverables-CXI Specific Data Acq	0	139	02	9120665		03/24/10		0.00											
CD 08584	Eval & Selection Process -CXI Specific Data Acq	15	139	02	9120665	03/25/10	04/14/10		0.00											
CD 08585	Vendor Selection - CXI Specific Data Acq	0	139	02	9120665		04/14/10		0.00											
CD 08586	SLAC Approval Process -CXI Specific Data Acq	5	139	02	9120665	04/15/10	04/21/10		0.00											
CD 08587	DOE Approval Process - CXI Specific Data Acq	5	139	02	9120665	04/22/10	04/28/10		0.00											
CD 08590	AWARD: CXI Specific Data Acquisition (DAQ)	1	139	02	9120665	04/29/10	04/29/10	AWARD	22,362.44											
CD 08600	Vendor Fab - CXI Specific Data Acquisition	30	139	02	9120665	04/30/10	06/10/10	SL_MSEG	22,362.44											
CD 08605	RCV: Receive All CXI Specific Data Acq Parts	0	139	02	9120665		06/10/10		0.00											
9120666 Fab & Assembly - CXI H5 Specific Controls																				
CD 08640	Fab/Delvr CXI Specific Data Acquisition	40	139	02	9120666	06/11/10	08/05/10	SL_CT	7,972.80											
9120667 Testing - CXI H5 Specific Controls																				
CD 08660	System Test CXI Specific Data Acquisition	10	139	02	9120667	08/06/10	08/19/10	SL_CP	8,847.00											
CD 08680	Prepare Docs CXI Specific Data Acquisition	20	139	02	9120667	08/20/10	09/16/10	SL_CP	3,538.80											
CD 08700	AVAIL: CXI Specific Data Acquisition Hardware	0	139	02	9120667		09/16/10		0.00											
CD 08720	AVAIL: CXI Specific Data Acquisition Software	0	139	02	9120667		09/16/10		0.00											
1.6.04.03.02 CXI H5 DAQ Hutch Data Management																				
02 ARRA Funds																				
9120663 Design & Engr - CXI H5 Specific Controls																				
CD 08760	Design CXI Specific DAQ Hutch Data Management	80	150	02	9120663	09/28/09	02/02/10	SL_CE	4,851.80											
CD 08765	COMP: Design CXI Specific Hutch Data Management	0	150	02	9120663		02/02/10		0.00											
CD 08780	FDR - CXI Specific DAQ Hutch Data Management	1	150	02	9120663	02/03/10	02/03/10	SL_CE	2,426.60											
CD 08840	Develop SW CXI Specific DAQ Hutch Data Mgmt	80	150	02	9120663	02/04/10	05/26/10	SL_CP	5,308.20											
9120666 Fab & Assembly - CXI H5 Specific Controls																				
CD 08860	Fab/Delvr CXI Specific DAQ Hutch Data Management	40	150	02	9120666	05/27/10	07/21/10	SL_CT	2,657.60											
9120667 Testing - CXI H5 Specific Controls																				
CD 08880	System Test CXI Specific DAQ Hutch Data Mgmt	10	150	02	9120667	07/22/10	08/04/10	SL_CP	7,077.60											
CD 08900	Prepare Docs CXI Specific DAQ Hutch Data Mgmt	20	150	02	9120667	08/05/10	09/01/10	SL_CP	1,769.40											
CD 08920	AVAIL: CXI Specific DAQ Hutch Data Management HW	0	150	02	9120667		09/01/10		0.00											
CD 08940	AVAIL: CXI Specific DAQ Hutch Data Management SW	0	150	02	9120667		09/01/10		0.00											

Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY08		FY09		FY10		FY11		FY12		
1.6.04.03.03 CXI H5 Experiment Configuration Control																				
02 ARRA Funds																				
9120663 Design & Engr - CXI H5 Specific Controls																				
CD 08960	Design CXI Specific Experiment Config Control	80	164	02	9120663	09/28/09	02/02/10	SL_CE	4,851.80											
CD 08965	COMP: Design CXI Specific Experiment Config Cntr	0	164	02	9120663		02/02/10		0.00											
CD 08980	FDR - CXI Specific Experiment Config Control	1	164	02	9120663	02/03/10	02/03/10	SL_CE	1,213.30											
CD 09040	Develop SW CXI Specific Experiment Config Cntrl	90	190	02	9120663	02/04/10	06/09/10	SL_CP	23,886.90											
9120665 Subcontract - CXI H5 Specific Controls																				
CD 09000	Prep Bid Pkg & App - CXI Specific Experiment	20	164	02	9120665	02/04/10	03/03/10		0.00											
CD 09001	RELEASE: RFP - CXI Specific Exper Config Ctrl	0	164	02	9120665		03/03/10		0.00											
CD 09002	Vendor Proposal Effort -CXI Specific Exper Confi	20	164	02	9120665	03/04/10	03/31/10		0.00											
CD 09003	RCV: Vendor Deliverables-CXI Specific Exper Con	0	164	02	9120665		03/31/10		0.00											
CD 09004	Eval & Selection Process -CXI Specific Exper Con	15	164	02	9120665	04/01/10	04/21/10		0.00											
CD 09005	Vendor Selection - CXI Specific Exper Config Ctr	0	164	02	9120665		04/21/10		0.00											
CD 09006	SLAC Approval Process -CXI Specific Exper Config	5	164	02	9120665	04/22/10	04/28/10		0.00											
CD 09007	DOE Approval Process - CXI Specific Exper Config	5	164	02	9120665	04/29/10	05/05/10		0.00											
CD 09010	AWARD: CXI Specific Experiment Config Control	1	164	02	9120665	05/06/10	05/06/10	AWARD	117,862.79											
CD 09020	Vendor Fab -CXI Specific Experiment Config Cntrl	30	164	02	9120665	05/07/10	06/17/10	SL_MSEQ	117,862.79											
CD 09025	RCV: Receive All CXI Specific Experiment Parts	0	164	02	9120665		06/17/10		0.00											
9120666 Fab & Assembly - CXI H5 Specific Controls																				
CD 09060	Fab/Delvr CXI Specific Experiment Config Control	40	164	02	9120666	06/18/10	08/12/10	SL_CP	5,308.20											
9120667 Testing - CXI H5 Specific Controls																				
CD 09080	Prepare Docs CXI Specific Experiment Config Cont	20	190	02	9120667	06/10/10	07/07/10	SL_CP	1,769.40											
CD 09100	AVAIL: CXI Specific Experiment Config Control	0	164	02	9120667		08/12/10		0.00											
1.6.04.03.04 CXI H5 Valve Controls																				
02 ARRA Funds																				
9120663 Design & Engr - CXI H5 Specific Controls																				
CD 09320	Design CXI Specific Valve Controls	80	167	02	9120663	09/28/09	02/02/10	SL_CE	606.48											
CD 09321	COMP: Design CXI Specific Valve Controls	0	167	02	9120663		02/02/10		0.00											
CD 09322	FDR - CXI Specific Valve Controls	1	167	02	9120663	02/03/10	02/03/10		0.00											
CD 09332	Develop SW CXI Specific Valve Controls	80	167	02	9120663	02/04/10	05/26/10	SL_CP	884.70											
9120664 Procurement - CXI H5 Specific Controls																				
CD 09326	Procure Preps/Approval -CXI Specific Valve Cntrl	20	176	02	9120664	02/04/10	03/03/10		0.00											
CD 09327	AWARD: CXI Specific Valve Controls	1	176	02	9120664	03/04/10	03/04/10	AWARD	6,547.63											
CD 09328	Vendor Fab - CXI Specific Valve Controls	30	176	02	9120664	03/05/10	04/15/10	SL_MSEG	6,547.63											

Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY08		FY09		FY10		FY11		FY12		
CD 10145	AVAIL: CXI Pop-In Intensity Monitor Controls SW	0	146	02	9120667		05/24/10		0.00											
1.6.04.03.08 CXI H5 Intensity-Position Monitor Controls																				
02 ARRA Funds																				
9120663 Design & Engr - CXI H5 Specific Controls																				
CD 09520	Design CXI Intensity-Position Monitor Controls	80	111	02	9120663	06/22/09	10/09/09	SL_CE	587.02											
CD 09525	COMP: CXI Design Intensity Position Monitor Cntrl	0	111	02	9120663		10/09/09		0.00											
CD 09540	FDR - CXI Intensity-Position Monitor Controls	1	111	02	9120663	10/12/09	10/12/09		0.00											
CD 09600	Develop SW CXI Intensity-Position Monitor Cont	80	142	02	9120663	10/13/09	02/17/10	SL_CP	5,308.20											
9120665 Subcontract - CXI H5 Specific Controls																				
CD 09560	Prep Bid Pkg & App - CXI Intensity-Position	15	111	02	9120665	10/13/09	11/02/09		0.00											
CD 09561	RELEASE: RFP - CXI IPM Controls	0	111	02	9120665		11/02/09		0.00											
CD 09562	Vendor Proposal Effort - CXI IPM Controls	20	111	02	9120665	11/03/09	12/02/09		0.00											
CD 09563	RCV: Vendor Deliverables-CXI IPM Controls	0	111	02	9120665		12/02/09		0.00											
CD 09564	Eval & Selection Process -CXI IPM Controls	15	111	02	9120665	12/03/09	01/06/10		0.00											
CD 09565	Vendor Selection - CXI IPM Controls	0	111	02	9120665		01/06/10		0.00											
CD 09566	SLAC Approval Process -CXI IPM Controls	5	111	02	9120665	01/07/10	01/13/10		0.00											
CD 09567	DOE Approval Process - CXI IPM Controls	5	111	02	9120665	01/14/10	01/20/10		0.00											
CD 09570	AWARD: CXI Intensity-Position Monitor Controls	1	111	02	9120665	01/21/10	01/21/10	AWARD	77,478.29											
CD 09580	Vendor Fab -CXI Intensity-Position Monitor Cntrl	30	111	02	9120665	01/22/10	03/04/10	SL_MSEQ	77,478.29											
CD 09585	RCV: Recv All CXI Intensity-Position Monit Parts	0	111	02	9120665		03/04/10		0.00											
9120666 Fab & Assembly - CXI H5 Specific Controls																				
CD 09620	Fab/Delvr CXI Intensity-Position Monitor Cntrl	40	111	02	9120666	03/05/10	04/29/10	SL_CT	2,657.60											
9120667 Testing - CXI H5 Specific Controls																				
CD 09640	Prepare Docs CXI Intensity-Position Monitr Cntrl	20	142	02	9120667	02/18/10	03/17/10	SL_CP	1,327.05											
CD 09660	AVAIL: CXI Intensity-Position Monitor Cntrl HW	0	111	02	9120667		04/29/10		0.00											
CD 09680	AVAIL: CXI Intensity-Position Monitor Cntrl SW	0	111	02	9120667		04/29/10		0.00											
1.6.04.03.10 CXI H5 Slit Controls																				
02 ARRA Funds																				
9120663 Design & Engr - CXI H5 Specific Controls																				
CD 09720	Design CXI Slit Controls	80	112	02	9120663	06/19/09	10/08/09	SL_CE	586.50											
CD 09725	COMP: Design CXI Slit Controls	0	112	02	9120663		10/08/09		0.00											
CD 09740	FDR - CXI Slit Controls	1	112	02	9120663	10/09/09	10/09/09		0.00											
CD 09800	Develop Software CXI Slit Controls	80	143	02	9120663	10/12/09	02/16/10	SL_CP	1,769.40											
9120664 Procurement - CXI H5 Specific Controls																				
CD 09760	Prep Bid Pkg & App - CXI Slit Controls	15	112	02	9120664	10/12/09	10/30/09		0.00											

Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY08		FY09		FY10		FY11		FY12			
1.6.04.03.12 CXI H5 Pulse Picker Controls																					
02 ARRA Funds																					
9120663 Design & Engr - CXI H5 Specific Controls																					
CD 10920	Design CXI Pulse Picker Controls	80	106	02	9120663	06/22/09	10/09/09	SL_CE	1,174.04												
CD 10925	COMP: Design CXI Pulse Picker Controls	0	106	02	9120663		10/09/09		0.00												
CD 10940	FDR - CXI Pulse Picker Controls	1	106	02	9120663	10/12/09	10/12/09		0.00												
CD 11000	Develop Software CXI Pulse Picker Controls	80	137	02	9120663	10/13/09	02/17/10	SL_CP	0.00												
9120664 Procurement - CXI H5 Specific Controls																					
CD 10960	Prep Bid Pkg & App - CXI Pulse Picker Cntrl	15	106	02	9120664	10/13/09	11/02/09		0.00												
CD 10961	RELEASE: RFP - CXI Pulse Picker Cntrl	0	106	02	9120664		11/02/09		0.00												
CD 10962	Vendor Proposal Effort - CXI Pulse Picker Cntrl	20	106	02	9120664	11/03/09	12/02/09		0.00												
CD 10963	RCV: Vendor Deliverables-CXI Pulse Picker Cntrl	0	106	02	9120664		12/02/09		0.00												
CD 10964	Eval & Selection Process -CXI Pulse Picker Cntrl	15	106	02	9120664	12/03/09	01/06/10		0.00												
CD 10965	Vendor Selection - CXI Pulse Picker Cntrl	0	106	02	9120664		01/06/10		0.00												
CD 10966	SLAC Approval Process -CXI Pulse Picker Cntrl	5	106	02	9120664	01/07/10	01/13/10		0.00												
CD 10967	DOE Approval Process - CXI Pulse Picker Cntrl	5	106	02	9120664	01/14/10	01/20/10		0.00												
CD 10970	AWARD: CXI Pulse Picker Controls	1	106	02	9120664	01/21/10	01/21/10	AWARD	10,606.79												
CD 10980	Vendor Fab - CXI Pulse Picker Controls	30	106	02	9120664	01/22/10	03/04/10	SL_MSEG	10,606.79												
CD 10985	RCV: Receive All CXI Pulse Picker Controls Parts	0	106	02	9120664		03/04/10		0.00												
9120666 Fab & Assembly - CXI H5 Specific Controls																					
CD 11020	Fab/Delvr CXI Pulse Picker Controls	40	106	02	9120666	03/05/10	04/29/10	SL_CT	1,993.20												
9120667 Testing - CXI H5 Specific Controls																					
CD 11040	Prepare Docs CXI Pulse Picker Controls	20	137	02	9120667	02/18/10	03/17/10	SL_CP	0.00												
CD 11060	AVAIL: CXI Pulse Picker Controls Hardware	0	106	02	9120667		04/29/10		0.00												
CD 11080	AVAIL: CXI Pulse Picker Controls Software	0	106	02	9120667		04/29/10		0.00												
1.6.04.03.13 CXI H5 KB Mirror Controls																					
02 ARRA Funds																					
9120663 Design & Engr - CXI H5 Specific Controls																					
CD 11120	Design CXI KB Mirror Controls	80	183	02	9120663	06/22/09	10/09/09	SL_CE	4,696.16												
CD 11125	COMP: Design CXI KB Mirror Controls	0	183	02	9120663		10/09/09		0.00												
CD 11140	FDR - CXI KB Mirror Controls	1	183	02	9120663	10/12/09	10/12/09	SL_CE	1,213.30												
CD 11200	Develop Software CXI KB Mirror Controls	80	214	02	9120663	10/13/09	02/17/10	SL_CP	7,962.30												
9120665 Subcontract - CXI H5 Specific Controls																					
CD 11160	Prep Bid Pkg & App - CXI KB Mirror Controls	15	183	02	9120665	10/13/09	11/02/09		0.00												
CD 11161	RELEASE: RFP - CXI KB Mirror Controls	0	183	02	9120665		11/02/09		0.00												

Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY08		FY09		FY10		FY11		FY12		
CD 11385	RCV: Recv All CXI Sample Environment Cntrl Parts	0	202	02	9120665		03/04/10		0.00					◆ RCV: Recv All CXI Sample Environment Cntrl Parts						
9120666 Fab & Assembly - CXI H5 Specific Controls																				
CD 11420	Fab/Delvr CXI Sample Environment Controls	40	202	02	9120666	03/05/10	04/29/10	SL_CT	1,993.20					▲ Fab/Delvr CXI Sample Environment Controls						
9120667 Testing - CXI H5 Specific Controls																				
CD 11440	Prepare Docs CXI Sample Environment Controls	20	233	02	9120667	02/18/10	03/17/10	SL_CP	884.70					▲ Prepare Docs CXI Sample Environment Controls						
CD 11460	AVAIL: CXI Sample Environment Controls Hardware	0	202	02	9120667		04/29/10		0.00					◆ AVAIL: CXI Sample Environment Controls Hardware						
CD 11480	AVAIL: CXI Sample Environment Controls Software	0	202	02	9120667		04/29/10		0.00					◆ AVAIL: CXI Sample Environment Controls Software						
1.6.04.03.15 CXI H5 Particle Injector Controls																				
02 ARRA Funds																				
9120663 Design & Engr - CXI H5 Specific Controls																				
CD 11520	Design CXI Particle Injector Controls	80	259	02	9120663	09/28/09	02/02/10	SL_CE	12,129.51					▲ Design CXI Particle Injector Controls						
CD 11525	COMP: Design CXI Particle Injector Controls	0	259	02	9120663		02/02/10		0.00					◆ COMP: Design CXI Particle Injector Controls						
CD 11540	FDR - CXI Particle Injector Controls	1	259	02	9120663	02/03/10	02/03/10	SL_CE	2,426.60					▲ FDR - CXI Particle Injector Controls						
CD 11600	Develop Software CXI Particle Injector Controls	90	280	02	9120663	02/04/10	06/09/10	SL_CP	40,696.20					▲ Develop Software CXI Particle Injector Controls						
9120665 Subcontract - CXI H5 Specific Controls																				
CD 11560	Prep Bid Pkg & App - CXI Particle Injector	15	259	02	9120665	02/04/10	02/24/10		0.00					▲ Prep Bid Pkg & App - CXI Particle Injector						
CD 11561	RELEASE: RFP - CXI Particle Injector	0	259	02	9120665		02/24/10		0.00					◆ RELEASE: RFP - CXI Particle Injector						
CD 11562	Vendor Proposal Effort - CXI Particle Injector	20	259	02	9120665	02/25/10	03/24/10		0.00					▲ Vendor Proposal Effort - CXI Particle Injector						
CD 11563	RCV: Vendor Deliverables-CXI Particle Injector	0	259	02	9120665		03/24/10		0.00					◆ RCV: Vendor Deliverables-CXI Particle Injector						
CD 11564	Eval & Selection Process -CXI Particle Injector	15	259	02	9120665	03/25/10	04/14/10		0.00					▲ Eval & Selection Process -CXI Particle Injector						
CD 11565	Vendor Selection - CXI Particle Injector	0	259	02	9120665		04/14/10		0.00					◆ Vendor Selection - CXI Particle Injector						
CD 11566	SLAC Approval Process -CXI Particle Injector	5	259	02	9120665	04/15/10	04/21/10		0.00					▲ SLAC Approval Process -CXI Particle Injector						
CD 11567	DOE Approval Process - CXI Particle Injector	5	259	02	9120665	04/22/10	04/28/10		0.00					▲ DOE Approval Process - CXI Particle Injector						
CD 11570	AWARD: CXI Particle Injector Controls	1	259	02	9120665	04/29/10	04/29/10	AWARD	108,731.86					▲ AWARD: CXI Particle Injector Controls						
CD 11580	Vendor Fab - CXI Particle Injector Controls	30	259	02	9120665	04/30/10	06/10/10	SL_MSEQ	108,731.86					▲ Vendor Fab - CXI Particle Injector Controls						
CD 11585	RCV: Recv All CXI Particle Injector Cntrl Parts	0	259	02	9120665		06/10/10		0.00					◆ RCV: Recv All CXI Particle Injector Cntrl Parts						
9120666 Fab & Assembly - CXI H5 Specific Controls																				
CD 11620	Fab/Delvr CXI Particle Injector Controls	40	259	02	9120666	06/11/10	08/05/10	SL_CT	5,315.20					▲ Fab/Delvr CXI Particle Injector Controls						
9120667 Testing - CXI H5 Specific Controls																				
CD 11640	Prepare Docs CXI Particle Injector Controls	20	280	02	9120667	06/10/10	07/07/10	SL_CP	1,769.40					▲ Prepare Docs CXI Particle Injector Controls						
CD 11660	AVAIL: CXI Particle Injector Controls Hardware	0	259	02	9120667		08/05/10		0.00					◆ AVAIL: CXI Particle Injector Controls Hardware						
CD 11680	AVAIL: CXI Particle Injector Controls Software	0	259	02	9120667		08/05/10		0.00					◆ AVAIL: CXI Particle Injector Controls Software						

Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY08		FY09		FY10		FY11		FY12		
CD 12967	AWARD: CXI Reference Laser Controls	1	123	02	9120664	01/18/10	01/18/10	AWARD	26,640.69					X AWARD: CXI Reference Laser Controls						
CD 12970	Vendor Fab - CXI Reference Laser Controls	30	123	02	9120664	01/19/10	03/01/10	SL_MSEG	26,640.69					V Vendor Fab - CXI Reference Laser Controls						
CD 12975	RCV: Receive All CXI Reference Laser Cntrl Parts	0	123	02	9120664		03/01/10		0.00					D RCV: Receive All CXI Reference Laser Cntrl Parts						
9120666 Fab & Assembly - CXI H5 Specific Controls																				
CD 12985	Fab/Delvr CXI Reference Laser Controls	40	123	02	9120666	03/02/10	04/26/10	SL_CT	1,328.80					V Fab/Delvr CXI Reference Laser Controls						
9120667 Testing - CXI H5 Specific Controls																				
CD 12990	Prepare Docs CXI Reference Laser Controls	20	151	02	9120667	02/18/10	03/17/10	SL_CP	884.70					V Prepare Docs CXI Reference Laser Controls						
CD 12995	AVAIL: CXI Reference Laser Controls Hardware	0	123	02	9120667		04/26/10		0.00					D AVAIL: CXI Reference Laser Controls Hardware						
CD 13000	AVAIL: CXI Reference Laser Controls Software	0	123	02	9120667		04/26/10		0.00					D AVAIL: CXI Reference Laser Controls Software						
1.6.04.03.26 CXI H5 Controls System Integration Test																				
02 ARRA Funds																				
9120663 Design & Engr - CXI H5 Specific Controls																				
CD 13400	Design CXI Controls System Integration	80	331	02	9120663	06/19/09	10/08/09	SL_CE	7,037.95					V Design CXI Controls System Integration						
CD 13405	COMP: Design CXI Controls System Integration	0	331	02	9120663		10/08/09		0.00					D COMP: Design CXI Controls System Integration						
CD 13410	FDR - CXI Controls System Integration	1	331	02	9120663	10/09/09	10/09/09	SL_CE	2,426.60					X FDR - CXI Controls System Integration						
9120667 Testing - CXI H5 Specific Controls																				
CD 13430	Perform CXI Controls System Integration Test	20	331	02	9120667	10/12/09	11/06/09	SL_CP	26,541.00					V Perform CXI Controls System Integration Test						
CD 13440	Prepare Docs CXI Controls Syst Integration Test	20	331	02	9120667	11/09/09	12/08/09	SL_CP	1,769.40					V Prepare Docs CXI Controls Syst Integration Test						
CD 13450	AVAIL: CXI Controls System Integration Test Comp	0	331	02	9120667		12/08/09		0.00					D AVAIL: CXI Controls System Integration Test Comp						
1.6.05.01.01 XCS H4 Controls Requirements and Design																				
01 MIE Funds																				
9110816 XCS H4 Controls Requirements & Design Support																				
CD 13580	Prepare XCS Requirements	10		01	9110816	02/02/09A	02/13/09A	SL_CE	1,750.05					V Prepare XCS Requirements						
CD 13600	Prepare XCS - Controls ICD	10		01	9110816	02/16/09A	02/27/09A	SL_CE	1,750.05					V Prepare XCS - Controls ICD						
CD 13620	Prepare Final Device List for XCS	5	63	01	9110816	03/02/09	03/06/09	SL_CE	1,750.05					X Prepare Final Device List for XCS						
CD 13640	Preliminary Design for XCS	5	63	01	9110816	03/09/09	03/13/09	SL_CE	8,750.25					X Preliminary Design for XCS						
02 ARRA Funds																				
9120816 XCS H4 Controls Requirements & Design Support																				
CD 13660	PDR - XCS Controls Requirements Design	1	-18	02	9120816	07/07/09	07/07/09	SL_CE	2,333.40					X PDR - XCS Controls Requirements Design						
CD 13700	Post PDR Design Effort - XCS Req'mts & Design	10	163	02	9120816	07/08/09	07/21/09	SL_CE	583.35					V Post PDR Design Effort - XCS Req'mts & Design						
CD 13710	PDR - Prelim Design Review - XCS Phase 2	1	163	02	9120816	07/22/09	07/22/09	SL_CE	2,333.40					X PDR - Prelim Design Review - XCS Phase 2						
CD 13720	Post PDR Design Effort Phase 2 - XCS Req'mts	60	163	02	9120816	07/23/09	10/14/09	SL_CE	2,360.74					V Post PDR Design Effort Phase 2 - XCS Req'mts						
CD 13820	Post PDR Design Effort Phase 3 - XCS	80	163	02	9120816	10/15/09	02/19/10		0.00					V Post PDR Design Effort Phase 3 - XCS						

Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY08		FY09		FY10		FY11		FY12	
1.6.05.02.02 XCS H4 Workstation																			
02 ARRA Funds																			
9120670 Subcontract - XCS Standard Hutch Controls																			
CD 15340	Procurement Preps - XCS Hutch Workstation	80	301	02	9120670	11/23/09	03/30/10		0.00										
CD 15341	AWARD: XCS Hutch Workstation	1	301	02	9120670	03/31/10	03/31/10	AWARD	8,938.00										
CD 15342	Vendor Fab - XCS Hutch Workstation	100	301	02	9120670	04/01/10	08/18/10	SL_MSEG	8,938.00										
CD 15345	RCV: Receive All XCS Hutch Workstation Parts	0	301	02	9120670		08/18/10		0.00										
9120671 Fab & Assembly - XCS Standard Hutch Controls																			
CD 15360	Fab/Delvr XCS Hutch Workstation	40	301	02	9120671	08/19/10	10/13/10	SL_CT	3,351.81										
9120672 Testing - XCS Standard Hutch Controls																			
CD 15380	System Test XCS Hutch Workstation	20	301	02	9120672	10/14/10	11/10/10	SL_CP	1,840.20										
CD 15400	Prepare Docs XCS Hutch Workstation	20	301	02	9120672	11/11/10	12/10/10	SL_CP	460.05										
CD 15420	AVAIL: XCS Hutch Workstation Hardware	0	301	02	9120672		12/10/10		0.00										
CD 15440	AVAIL: XCS Hutch Workstation Software	0	301	02	9120672		12/10/10		0.00										
1.6.05.02.03 XCS H4 Beam Line Processor																			
02 ARRA Funds																			
9120669 Procurement - XCS Standard Hutch Controls																			
CD 15480	Procurement Preps - XCS Hutch Beam Line	80	261	02	9120669	02/03/10	05/25/10		0.00										
CD 15481	AWARD: XCS Hutch Beam Line Processor	1	261	02	9120669	05/26/10	05/26/10	AWARD	21,691.00										
CD 15482	Vendor Fab - XCS Hutch Beam Line Processor	100	261	02	9120669	05/27/10	10/13/10	SL_MSEG	22,228.30										
CD 15485	RCV: Receive All XCS Hutch Beam Line Proce Parts	0	261	02	9120669		10/13/10		0.00										
9120671 Fab & Assembly - XCS Standard Hutch Controls																			
CD 15500	Fab/Delvr XCS Hutch Beam Line Processor	40	261	02	9120671	10/14/10	12/10/10	SL_CP	1,840.20										
9120672 Testing - XCS Standard Hutch Controls																			
CD 15520	System Test XCS Hutch Beam Line Processor	20	261	02	9120672	12/13/10	01/21/11	SL_CP	460.05										
CD 15540	Prepare Docs XCS Hutch Beam Line Processor	20	261	02	9120672	01/24/11	02/18/11	SL_CP	920.10										
CD 15560	AVAIL: XCS Hutch Beam Line Processor Hardware	0	261	02	9120672		02/18/11		0.00										
CD 15580	AVAIL: XCS Hutch Beam Line Processor Software	0	261	02	9120672		02/18/11		0.00										
1.6.05.02.04 XCS H4 Channel Access Gateway																			
02 ARRA Funds																			
9120669 Procurement - XCS Standard Hutch Controls																			
CD 15620	Procurement Preps - XCS Hutch Channel Access	80	261	02	9120669	02/03/10	05/25/10		0.00										
CD 15621	AWARD: XCS Hutch Channel Access Gateway	1	261	02	9120669	05/26/10	05/26/10	AWARD	11,336.00										
CD 15622	Vendor Fab - XCS Hutch Channel Access Gateway	100	261	02	9120669	05/27/10	10/13/10	SL_MSEG	11,616.80										
CD 15625	RCV: Receive All XCS Hutch Channel Access Parts	0	261	02	9120669		10/13/10		0.00										

Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY08		FY09		FY10		FY11		FY12		
CD 15925	Vendor Selection - XCS Specific Data Acq	0	296	02	9120675		08/23/10		0.00											◆ Vendor Selection - XCS Specific Data Acq
CD 15926	SLAC Approval Process -XCS Specific Data Acq	5	296	02	9120675	08/24/10	08/30/10		0.00											▲ SLAC Approval Process -XCS Specific Data Acq
CD 15927	DOE Approval Process - XCS Specific Data Acq	5	296	02	9120675	08/31/10	09/06/10		0.00											▲ DOE Approval Process - XCS Specific Data Acq
CD 15930	AWARD: XCS Specific Data Acquisition (DAQ)	1	296	02	9120675	09/07/10	09/07/10	AWARD	65,314.98											▲ AWARD: XCS Specific Data Acquisition (DAQ)
CD 15940	Vendor Fab - XCS Specific Data Acquisition	30	296	02	9120675	09/08/10	10/19/10	SL_MSEQ	67,112.64											▲ Vendor Fab - XCS Specific Data Acquisition
CD 15945	RCV: Receive All XCS Specific Data Acq Parts	0	296	02	9120675		10/19/10		0.00											◆ RCV: Receive All XCS Specific Data Acq Parts
9120676 Fab & Assembly - XCS H4 Specific Controls																				
CD 15980	Fab/Delvr XCS Specific Data Acquisition	40	296	02	9120676	10/20/10	12/16/10	SL_CT	11,054.40											▲ Fab/Delvr XCS Specific Data Acquisition
9120677 Testing - XCS H4 Specific Controls																				
CD 16000	System Test XCS Specific Data Acquisition	1	296	02	9120677	12/17/10	12/17/10	SL_CP	1,840.20											▲ System Test XCS Specific Data Acquisition
CD 16040	AVAIL: XCS Specific Data Acquisition Hardware	0	296	02	9120677		12/17/10		0.00											◆ AVAIL: XCS Specific Data Acquisition Hardware
CD 16060	AVAIL: XCS Specific Data Acquisition Software	0	296	02	9120677		12/17/10		0.00											◆ AVAIL: XCS Specific Data Acquisition Software
1.6.05.03.02 XCS H4 DAQ Hutch Data Management																				
02 ARRA Funds																				
9120673 Design & Engr - XCS H4 Specific Controls																				
CD 16080	Design XCS Specific DAQ Hutch Data Management	80	408	02	9120673	10/15/09	02/19/10	SL_CE	9,706.40											▲ Design XCS Specific DAQ Hutch Data Management
CD 16085	COMP: Design XCS Specific DAQ Hutch Data Mgmt	0	408	02	9120673		02/19/10		0.00											◆ COMP: Design XCS Specific DAQ Hutch Data Mgmt
CD 16100	FDR - XCS Specific DAQ Hutch Data Management	1	408	02	9120673	02/22/10	02/22/10	SL_CE	2,426.60											▲ FDR - XCS Specific DAQ Hutch Data Management
CD 16160	Develop SW XCS Specific DAQ Hutch Data Mgmt	80	408	02	9120673	02/23/10	06/14/10	SL_CP	7,077.60											▲ Develop SW XCS Specific DAQ Hutch Data Mgmt
CD 16220	Prepare Docs XCS Specific DAQ Hutch Data Mgmt	20	408	02	9120673	06/15/10	07/12/10	SL_CP	3,538.80											▲ Prepare Docs XCS Specific DAQ Hutch Data Mgmt
9120676 Fab & Assembly - XCS H4 Specific Controls																				
CD 16180	Fab/Delvr XCS Specific DAQ Hutch Data Management	40	467	02	9120676	02/23/10	04/19/10	SL_CT	5,315.20											▲ Fab/Delvr XCS Specific DAQ Hutch Data Management
9120677 Testing - XCS H4 Specific Controls																				
CD 16200	System Test XCS Specific DAQ Hutch Data Mgmt	1	467	02	9120677	04/20/10	04/20/10	SL_CP	8,847.00											▲ System Test XCS Specific DAQ Hutch Data Mgmt
CD 16240	AVAIL: XCS Specific DAQ Hutch Data Management HW	0	408	02	9120677		07/12/10		0.00											◆ AVAIL: XCS Specific DAQ Hutch Data Management HW
CD 16260	AVAIL: XCS Specific DAQ Hutch Data Management SW	0	408	02	9120677		07/12/10		0.00											◆ AVAIL: XCS Specific DAQ Hutch Data Management SW
1.6.05.03.03 XCS H4 Experiment Configuration Control																				
02 ARRA Funds																				
9120673 Design & Engr - XCS H4 Specific Controls																				
CD 16300	Design XCS Specific Experiment Config Control	80	438	02	9120673	07/22/09	11/10/09	SL_CE	4,773.28											▲ Design XCS Specific Experiment Config Control
CD 16305	COMP:XCS Specific Design Experiment Config Cntrl	0	438	02	9120673		11/10/09		0.00											◆ COMP:XCS Specific Design Experiment Config Cntrl
CD 16320	FDR - XCS Specific Experiment Config Control	1	438	02	9120673	11/11/09	11/11/09	SL_CE	1,213.30											▲ FDR - XCS Specific Experiment Config Control
CD 16380	Develop SW XCS Specific Experiment Config Cntrl	90	459	02	9120673	11/12/09	04/02/10	SL_CP	19,463.40											▲ Develop SW XCS Specific Experiment Config Cntrl
CD 16420	Prepare Docs XCS Specific Xperiment Config Cntrl	20	459	02	9120673	04/05/10	04/30/10	SL_CP	1,769.40											▲ Prepare Docs XCS Specific Xperiment Config Cntrl

Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY08		FY09		FY10		FY11		FY12		
1.6.05.03.05 XCS H4 Vacuum Controls																				
02 ARRA Funds																				
9120673 Design & Engr - XCS H4 Specific Controls																				
CD 16680	Design XCS Specific Vacuum Controls	80	469	02	9120673	07/22/09	11/10/09	SL_CE	596.66											
CD 16685	COMP: Design XCS Specific Vacuum Controls	0	469	02	9120673		11/10/09		0.00											
CD 16700	FDR - XCS Specific Vacuum Controls	1	469	02	9120673	11/11/09	11/11/09		0.00											
CD 16760	Develop Software XCS Specific Vacuum Controls	80	469	02	9120673	11/12/09	03/19/10	SL_CP	3,538.80											
CD 16800	Prepare Docs XCS Specific Vacuum Controls	20	469	02	9120673	03/22/10	04/16/10	SL_CP	884.70											
9120675 Subcontract - XCS H4 Specific Controls																				
CD 16725	Procure Preps/Approval XCS Specific Vacuum Cntrl	20	478	02	9120675	11/12/09	12/11/09		0.00											
CD 16730	AWARD: XCS Specific Vacuum Controls	1	463	02	9120675	01/18/10	01/18/10	AWARD	51,164.60											
CD 16740	Vendor Fab - XCS Specific Vacuum Controls	30	463	02	9120675	01/19/10	03/01/10	SL_MSEQ	51,164.60											
CD 16745	RCV: Receive All XCS Specific Vacuum Cntrl Parts	0	463	02	9120675		03/01/10		0.00											
9120676 Fab & Assembly - XCS H4 Specific Controls																				
CD 16780	Fab/Delvr XCS Specific Vacuum Controls	40	463	02	9120676	03/02/10	04/26/10	SL_CT	2,657.60											
CD 16820	AVAIL: XCS Specific Vacuum Controls Hardware	0	463	02	9120676		04/26/10		0.00											
CD 16840	AVAIL: XCS Specific Vacuum Controls Software	0	463	02	9120676		04/26/10		0.00											
1.6.05.03.06 XCS H4 Pop-In Profile Monitor Controls																				
02 ARRA Funds																				
9120673 Design & Engr - XCS H4 Specific Controls																				
CD 14400	Design XCS Pop-In Profile Monitor Controls	80	324	02	9120673	07/22/09	11/10/09	SL_CE	596.66											
CD 14405	COMP: Design XCS Pop-In Profile Monitor Controls	0	324	02	9120673		11/10/09		0.00											
CD 14420	FDR - XCS Pop-In Profile Monitor Control	1	324	02	9120673	11/11/09	11/11/09		0.00											
CD 14480	Develop SW XCS Pop-In Profile Monitor Cntrl	80	324	02	9120673	11/12/09	03/19/10	SL_CP	1,769.40											
CD 14520	Prepare Docs XCS Pop-In Profile Monitor Controls	20	324	02	9120673	03/22/10	04/16/10	SL_CP	442.35											
9120674 Procurement - XCS H4 Specific Controls																				
CD 14445	Procure Preps/Approval - XCS Pop-In Profile Mon	20	333	02	9120674	11/12/09	12/11/09		0.00											
CD 14450	AWARD: XCS Pop-In Profile Monitor Controls	1	318	02	9120674	01/18/10	01/18/10	AWARD	16,969.12											
CD 14460	Vendor Fab - XCS Pop-In Profile Monitor Controls	30	318	02	9120674	01/19/10	03/01/10	SL_MSEG	16,969.12											
CD 14465	RCV: All XCS Pop-In Profile Monitor Parts	0	318	02	9120674		03/01/10		0.00											
9120676 Fab & Assembly - XCS H4 Specific Controls																				
CD 14500	Fab/Delvr XCS Pop-In Profile Monitor Controls	40	318	02	9120676	03/02/10	04/26/10	SL_CT	1,993.20											
CD 14540	AVAIL: XCS Pop-In Profile Monitor Controls HW	0	318	02	9120676		04/26/10		0.00											
CD 14560	AVAIL: XCS Pop-In Profile Monitor Controls SW	0	318	02	9120676		04/26/10		0.00											

Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY08		FY09		FY10		FY11		FY12	
CD 14270	AWARD: XCS Intensity-Position Monitor Controls	1	313	02	9120675	02/22/10	02/22/10	AWARD	35,111.08					X AWARD: XCS Intensity-Position Monitor Controls					
CD 14280	Vendor Fab -XCS Intensity-Position Monitor Cntrl	30	313	02	9120675	02/23/10	04/05/10	SL_MSEQ	35,111.08					V Vendor Fab -XCS Intensity-Position Monitor Cntrl					
CD 14285	RCV: All Intensity-Position Monitor Parts	0	313	02	9120675		04/05/10		0.00					D RCV: All Intensity-Position Monitor Parts					
9120676 Fab & Assembly - XCS H4 Specific Controls																			
CD 14320	Fab/Delvr XCS Intensity-Position Monitor Cntrl	40	313	02	9120676	04/06/10	05/31/10	SL_CT	1,328.80					V Fab/Delvr XCS Intensity-Position Monitor Cntrl					
CD 14360	AVAIL: Intensity-Position Monitor Controls HW	0	313	02	9120676		05/31/10		0.00					D AVAIL: Intensity-Position Monitor Controls HW					
CD 14380	AVAIL: Intensity-Position Monitor Controls SW	0	313	02	9120676		05/31/10		0.00					D AVAIL: Intensity-Position Monitor Controls SW					
1.6.05.03.09 XCS H4 Slit Controls																			
02 ARRA Funds																			
9120673 Design & Engr - XCS H4 Specific Controls																			
CD 16880	Design XCS Slit Controls	80	163	02	9120673	02/22/10	06/11/10	SL_CE	606.65					V Design XCS Slit Controls					
CD 16885	COMP: Design XCS Slit Controls	0	163	02	9120673		06/11/10		0.00					D COMP: Design XCS Slit Controls					
CD 16900	FDR - XCS Slit Controls	1	163	02	9120673	06/14/10	06/14/10		0.00					X FDR - XCS Slit Controls					
CD 16960	Develop Software XCS Slit Controls	80	224	02	9120673	06/15/10	10/04/10	SL_CP	1,772.59					V Develop Software XCS Slit Controls					
CD 17000	Prepare Docs XCS Slit Controls	20	224	02	9120673	10/05/10	11/01/10	SL_CP	920.10					V Prepare Docs XCS Slit Controls					
9120674 Procurement - XCS H4 Specific Controls																			
CD 16925	Procurement Preps - XCS Slit Controls	60	163	02	9120674	06/15/10	09/06/10		0.00					V Procurement Preps - XCS Slit Controls					
CD 16930	AWARD: XCS Slit Controls	1	163	02	9120674	09/07/10	09/07/10	AWARD	28,977.65					X AWARD: XCS Slit Controls					
CD 16940	Vendor Fab - XCS Slit Controls	60	163	02	9120674	09/08/10	12/02/10	SL_MSEQ	29,775.20					V Vendor Fab - XCS Slit Controls					
CD 16945	RCV: Receive All XCS Slit Controls Parts	0	163	02	9120674		12/02/10		0.00					D RCV: Receive All XCS Slit Controls Parts					
9120676 Fab & Assembly - XCS H4 Specific Controls																			
CD 16980	Fab/Delvr XCS Slit Controls	40	163	02	9120676	12/03/10	02/10/11	SL_CT	1,381.80					V Fab/Delvr XCS Slit Controls					
CD 17020	AVAIL: XCS Slit Controls Hardware	0	163	02	9120676		02/10/11		0.00					D AVAIL: XCS Slit Controls Hardware					
CD 17040	AVAIL: XCS Slit Controls Software	0	163	02	9120676		02/10/11		0.00					D AVAIL: XCS Slit Controls Software					
1.6.05.03.10 XCS H4 Attenuator Controls																			
02 ARRA Funds																			
9120673 Design & Engr - XCS H4 Specific Controls																			
CD 17680	Design XCS Attenuator Controls	80	360	02	9120673	07/22/09	11/10/09	SL_CE	2,386.64					V Design XCS Attenuator Controls					
CD 17685	COMP: Design XCS Attenuator Controls	0	360	02	9120673		11/10/09		0.00					D COMP: Design XCS Attenuator Controls					
CD 17700	FDR - XCS Attenuator Controls	1	360	02	9120673	11/11/09	11/11/09	SL_CE	606.65					X FDR - XCS Attenuator Controls					
CD 17760	Develop Software XCS Attenuator Controls	80	360	02	9120673	11/12/09	03/19/10	SL_CP	2,654.10					V Develop Software XCS Attenuator Controls					
CD 17800	Prepare Docs XCS Attenuator Controls	20	360	02	9120673	03/22/10	04/16/10	SL_CP	442.35					V Prepare Docs XCS Attenuator Controls					
9120674 Procurement - XCS H4 Specific Controls																			
CD 17725	Procure Preps/Approval - XCS Attenuator Control	20	369	02	9120674	11/12/09	12/11/09		0.00					V Procure Preps/Approval - XCS Attenuator Control					
CD 17730	AWARD: XCS Attenuator Controls	1	354	02	9120674	01/18/10	01/18/10	AWARD	10,878.20					X AWARD: XCS Attenuator Controls					

Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY08		FY09		FY10		FY11		FY12	
CD 17740	Vendor Fab - XCS Attenuator Controls	30	354	02	9120674	01/19/10	03/01/10	SL_MSEG	10,878.20					Vendor Fab - XCS Attenuator Controls					
CD 17745	RCV: Receive All XCS Attenuator Controls Parts	0	354	02	9120674		03/01/10		0.00					RCV: Receive All XCS Attenuator Controls Parts					
9120676 Fab & Assembly - XCS H4 Specific Controls																			
CD 17780	Fab/Delvr XCS Attenuator Controls	40	354	02	9120676	03/02/10	04/26/10	SL_CT	664.40					Fab/Delvr XCS Attenuator Controls					
CD 17820	AVAIL: XCS Attenuator Controls Hardware	0	354	02	9120676		04/26/10		0.00					AVAIL: XCS Attenuator Controls Hardware					
CD 17840	AVAIL: XCS Attenuator Controls Software	0	354	02	9120676		04/26/10		0.00					AVAIL: XCS Attenuator Controls Software					
1.6.05.03.11 XCS H4 Harmonic Rejection Mirrors Controls																			
02 ARRA Funds																			
9120673 Design & Engr - XCS H4 Specific Controls																			
CD 18642	Design XCS Harmonic Rejection Mirrors Controls	80	335	02	9120673	07/22/09	11/10/09	SL_CE	9,546.56					Design XCS Harmonic Rejection Mirrors Controls					
CD 18643	COMP:Design XCS Harmonic Rejection Mirrors Cntrl	0	335	02	9120673		11/10/09		0.00					COMP:Design XCS Harmonic Rejection Mirrors Cntrl					
CD 18644	FDR - XCS Harmonic Rejection Mirrors Controls	1	335	02	9120673	11/11/09	11/11/09	SL_CE	2,426.60					FDR - XCS Harmonic Rejection Mirrors Controls					
CD 18654	Develop SW XCS Harmonic Rejection Mirrors Cntrl	90	335	02	9120673	11/12/09	04/02/10	SL_CP	19,463.40					Develop SW XCS Harmonic Rejection Mirrors Cntrl					
CD 18659	Prepare Docs XCS Harmonic Rejection Mirror Cntrl	20	335	02	9120673	04/05/10	04/30/10	SL_CP	3,538.80					Prepare Docs XCS Harmonic Rejection Mirror Cntrl					
9120674 Procurement - XCS H4 Specific Controls																			
CD 18648	Procure Preps/Approval - XCS Harmonic Rej Mirr	20	354	02	9120674	11/12/09	12/11/09		0.00					Procure Preps/Approval - XCS Harmonic Rej Mirr					
CD 18649	AWARD: XCS Harmonic Rejection Mirrors Controls	1	339	02	9120674	01/18/10	01/18/10	AWARD	21,740.05					AWARD: XCS Harmonic Rejection Mirrors Controls					
CD 18650	Vendor Fab - XCS Harmonic Rejection Mirrors Cntl	30	339	02	9120674	01/19/10	03/01/10	SL_MSEG	21,740.05					Vendor Fab - XCS Harmonic Rejection Mirrors Cntl					
CD 18652	RCV: All XCS Harmonic Rejection Mirror Parts	0	339	02	9120674		03/01/10		0.00					RCV: All XCS Harmonic Rejection Mirror Parts					
9120676 Fab & Assembly - XCS H4 Specific Controls																			
CD 18656	Fab/Delvr XCS Harmonic Rejection Mirrors Cntrl	40	339	02	9120676	03/02/10	04/26/10	SL_CT	2,657.60					Fab/Delvr XCS Harmonic Rejection Mirrors Cntrl					
CD 18661	AVAIL: XCS Harmonic Rejection Mirrors Cntrls HW	0	335	02	9120676		04/30/10		0.00					AVAIL: XCS Harmonic Rejection Mirrors Cntrls HW					
CD 18663	AVAIL: XCS Harmonic Rejection Mirrors Cntrls SW	0	335	02	9120676		04/30/10		0.00					AVAIL: XCS Harmonic Rejection Mirrors Cntrls SW					
1.6.05.03.12 XCS H4 2D Detector Motion Camera Controls																			
02 ARRA Funds																			
9120673 Design & Engr - XCS H4 Specific Controls																			
CD 17880	Design XCS 2D Camera Controls BNL	80	288	02	9120673	02/22/10	06/11/10	SL_CE	2,426.60					Design XCS 2D Camera Controls BNL					
CD 17885	COMP: Design XCS 2D Camera Controls BNL	0	288	02	9120673		06/11/10		0.00					COMP: Design XCS 2D Camera Controls BNL					
CD 17900	FDR - XCS 2D Camera Controls BNL	1	288	02	9120673	06/14/10	06/14/10	SL_CE	606.65					FDR - XCS 2D Camera Controls BNL					
CD 17960	Develop Software XCS 2D Camera Controls BNL	80	288	02	9120673	06/15/10	10/04/10	SL_CP	5,317.76					Develop Software XCS 2D Camera Controls BNL					
CD 18000	Prepare Docs XCS 2D Camera Controls BNL	20	288	02	9120673	10/05/10	11/01/10	SL_CP	920.10					Prepare Docs XCS 2D Camera Controls BNL					
9120674 Procurement - XCS H4 Specific Controls																			
CD 17925	Procure Preps/Approval -XCS 2D Camera Cntrls BNL	20	297	02	9120674	06/15/10	07/12/10		0.00					Procure Preps/Approval -XCS 2D Camera Cntrls BNL					
CD 17930	AWARD: XCS 2D 120Hz Camera Controls BNL	1	297	02	9120674	07/13/10	07/13/10	AWARD	4,988.93					AWARD: XCS 2D 120Hz Camera Controls BNL					
CD 17940	Vendor Fab - XCS 2D Camera Controls BNL	30	297	02	9120674	07/14/10	08/24/10	SL_MSEQ	4,988.93					Vendor Fab - XCS 2D Camera Controls BNL					

Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY08		FY09		FY10		FY11		FY12		
CD 18300	FDR - XCS Large Angle Detector Stage Cntrls	1	278	02	9120673	06/14/10	06/14/10	SL_CE	606.65											X FDR - XCS Large Angle Detector Stage Cntrls
CD 18360	Develop SW XCS Large Angle Detector Stage Cntrl	90	278	02	9120673	06/15/10	10/18/10	SL_CP	10,716.94											Develop SW XCS Large Angle Detector Stage Cntrl
CD 18400	Prepare Docs XCS Large Angle Detectr Stage Cntrl	20	278	02	9120673	10/19/10	11/15/10	SL_CP	920.10											Prepare Docs XCS Large Angle Detectr Stage Cntrl
9120675 Subcontract - XCS H4 Specific Controls																				
CD 18325	Procure Preps/Approval XCS Large Angle Detector	20	297	02	9120675	06/15/10	07/12/10		0.00											Procure Preps/Approval XCS Large Angle Detector
CD 18330	AWARD: XCS Large Angle Detector Stage Cntrl	1	297	02	9120675	07/13/10	07/13/10	AWARD	26,640.69											AWARD: XCS Large Angle Detector Stage Cntrl
CD 18340	Vendor Fab -XCS Large Angle Detector Stage Cntrl	30	297	02	9120675	07/14/10	08/24/10	SL_MSEQ	26,640.69											Vendor Fab -XCS Large Angle Detector Stage Cntrl
CD 18345	RCV: Receive All XCS Large Angle Detector Parts	0	297	02	9120675		08/24/10		0.00											RCV: Receive All XCS Large Angle Detector Parts
9120676 Fab & Assembly - XCS H4 Specific Controls																				
CD 18380	Fab/Delvr XCS Large Angle Detector Stage Cntrl	40	297	02	9120676	08/25/10	10/19/10	SL_CT	2,019.04											Fab/Delvr XCS Large Angle Detector Stage Cntrl
CD 18420	AVAIL: XCS Large Angle Detector Stage Cntrls HW	0	278	02	9120676		11/15/10		0.00											AVAIL: XCS Large Angle Detector Stage Cntrls HW
CD 18440	AVAIL: XCS Large Angle Detector Stage Cntrls SW	0	278	02	9120676		11/15/10		0.00											AVAIL: XCS Large Angle Detector Stage Cntrls SW
1.6.05.03.15 XCS H4 Pulse Picker Controls																				
02 ARRA Funds																				
9120673 Design & Engr - XCS H4 Specific Controls																				
CD 21000	Design XCS Pulse Picker Controls	80	422	02	9120673	07/23/09	11/11/09	SL_CE	0.00											Design XCS Pulse Picker Controls
CD 21010	COMP: Design XCS Pulse Picker Controls	0	422	02	9120673		11/11/09		0.00											COMP: Design XCS Pulse Picker Controls
CD 21020	FDR - XCS Pulse Picker Controls	1	422	02	9120673	11/12/09	11/12/09		0.00											FDR - XCS Pulse Picker Controls
CD 21030	Develop Software XCS Pulse Picker Controls	80	453	02	9120673	11/13/09	03/22/10	SL_CP	0.00											Develop Software XCS Pulse Picker Controls
9120675 Subcontract - XCS H4 Specific Controls																				
CD 21040	Prep Bid Pkg & App - XCS Pulse Picker Cntrl	15	422	02	9120675	11/13/09	12/07/09		0.00											Prep Bid Pkg & App - XCS Pulse Picker Cntrl
CD 21050	RELEASE: RFP - XCS Pulse Picker Cntrl	0	422	02	9120675		12/07/09		0.00											RELEASE: RFP - XCS Pulse Picker Cntrl
CD 21060	Vendor Proposal Effort - XCS Pulse Picker Cntrl	20	422	02	9120675	12/08/09	01/18/10		0.00											Vendor Proposal Effort - XCS Pulse Picker Cntrl
CD 21070	RCV: Vendor Deliverables-XCS Pulse Picker Cntrl	0	422	02	9120675		01/18/10		0.00											RCV: Vendor Deliverables-XCS Pulse Picker Cntrl
CD 21080	Eval & Selection Process -XCS Pulse Picker Cntrl	15	422	02	9120675	01/19/10	02/08/10		0.00											Eval & Selection Process -XCS Pulse Picker Cntrl
CD 21090	Vendor Selection - XCS Pulse Picker Cntrl	0	422	02	9120675		02/08/10		0.00											Vendor Selection - XCS Pulse Picker Cntrl
CD 21100	SLAC Approval Process -XCS Pulse Picker Cntrl	5	422	02	9120675	02/09/10	02/15/10		0.00											SLAC Approval Process -XCS Pulse Picker Cntrl
CD 21110	DOE Approval Process - XCS Pulse Picker Cntrl	5	422	02	9120675	02/16/10	02/22/10		0.00											DOE Approval Process - XCS Pulse Picker Cntrl
CD 21120	AWARD: XCS Pulse Picker Controls	1	422	02	9120675	02/23/10	02/23/10	AWARD	12,166.58											AWARD: XCS Pulse Picker Controls
CD 21130	Vendor Fab - XCS Pulse Picker Controls	30	422	02	9120675	02/24/10	04/06/10	SL_MSEG	12,166.58											Vendor Fab - XCS Pulse Picker Controls
CD 21140	RCV: Receive All XCS Pulse Picker Controls Parts	0	422	02	9120675		04/06/10		0.00											RCV: Receive All XCS Pulse Picker Controls Parts
9120676 Fab & Assembly - XCS H4 Specific Controls																				
CD 21150	Fab/Delvr XCS Pulse Picker Controls	40	422	02	9120676	04/07/10	06/01/10	SL_CT	1,993.20											Fab/Delvr XCS Pulse Picker Controls

Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY08		FY09		FY10		FY11		FY12		
9120679 Procurement - XCS Beam Transport to FEH																				
CD 19525	Procure Preps/Approve Beam Transp Split & Delay	40	317	02	9120679	06/15/10	08/09/10		0.00											▲ Procure Preps/Approve Beam Transp Split & Delay
CD 19530	AWARD: Beam Transp Split & Delay Cntrl	1	317	02	9120679	08/10/10	08/10/10	AWARD	0.00											▲ AWARD: Beam Transp Split & Delay Cntrl
CD 19535	Vendor Fab - Beam Transp Split & Delay Cntrl	30	317	02	9120679	08/11/10	09/21/10	SL_MSEG	0.00											▲ Vendor Fab - Beam Transp Split & Delay Cntrl
CD 19540	RCV: Recv All Beam Transport Split & Delay Parts	0	317	02	9120679		09/21/10		0.00											◆ RCV: Recv All Beam Transport Split & Delay Parts
9120681 Fab & Assembly - XCS Beam Transport to FEH																				
CD 19550	Fab/Delvr Beam Transport Split & Delay Controls	40	317	02	9120681	09/22/10	11/16/10	SL_CT	6,862.63											▲ Fab/Delvr Beam Transport Split & Delay Controls
CD 19560	AVAIL: Beam Transport Split & Delay Controls HW	0	288	02	9120681		01/12/11		0.00											◆ AVAIL: Beam Transport Split & Delay Controls HW
CD 19565	AVAIL: Beam Transport Split & Delay Controls SW	0	288	02	9120681		01/12/11		0.00											◆ AVAIL: Beam Transport Split & Delay Controls SW
1.6.05.04.09 XCS Beam Transport to FEH System Integration Tes																				
02 ARRA Funds																				
9120678 Design & Engr - XCS Beam Transport to FEH																				
CD 19570	Design Beam Transport to FEH Sys Integ Test	80	388	02	9120678	02/22/10	06/11/10	SL_CE	4,853.20											▲ Design Beam Transport to FEH Sys Integ Test
CD 19572	COMP:Design Beam Transport to FEH Sys Integ Test	0	388	02	9120678		06/11/10		0.00											◆ COMP:Design Beam Transport to FEH Sys Integ Test
CD 19575	FDR - Beam Transport to FEH Syst Intg Test	1	388	02	9120678	06/14/10	06/14/10	SL_CE	1,213.30											▲ FDR - Beam Transport to FEH Syst Intg Test
9120682 Testing - XCS Beam Transport to FEH																				
CD 19585	Perform Beam Transport to FEH Syst Intg Test	20	388	02	9120682	06/15/10	07/12/10	SL_CP	11,501.10											▲ Perform Beam Transport to FEH Syst Intg Test
CD 19590	Prepare Docs Beam Transport to FEH Syst Intg Tes	20	388	02	9120682	07/13/10	08/09/10	SL_CP	1,769.40											▲ Prepare Docs Beam Transport to FEH Syst Intg Tes
CD 19595	AVAIL: Beam Transport to FEH Syst Intg Test	0	388	02	9120682		08/09/10		0.00											◆ AVAIL: Beam Transport to FEH Syst Intg Test
1.6.06.01 Data Format and API																				
02 ARRA Funds																				
9120918 Design & Engr - Data Format & API																				
CD 19600	Design Data Format and Data API	40	35	02	9120918	04/27/09	06/19/09	SL_CE	17,500.50											▲ Design Data Format and Data API
CD 19605	PDR - Prelim Design Rev - Data Format & API	1	35	02	9120918	06/22/09	06/22/09		0.00											▲ PDR - Prelim Design Rev - Data Format & API
CD 19610	Incorporate PDR Data Format & API Changes	80	35	02	9120918	06/23/09	10/12/09	SL_CE	17,626.32											▲ Incorporate PDR Data Format & API Changes
CD 19615	FDR - Data Format and API	1	35	02	9120918	10/12/09	10/12/09		0.00											▲ FDR - Data Format and API
CD 19620	Develop Software for Reading Data Format & API	80	35	02	9120918	10/13/09	02/17/10	SL_CE	24,266.00											▲ Develop Software for Reading Data Format & API
CD 19625	Initial Installation of Data Format and API	0	35	02	9120918		02/17/10		0.00											◆ Initial Installation of Data Format and API
CD 19630	End-to-end Test of Data Format "Data Challenge"	40	35	02	9120918	02/18/10	04/14/10	SL_CP	8,847.00											▲ End-to-end Test of Data Format "Data Challenge"
CD 19635	Document Data Format and API	40	35	02	9120918	04/15/10	06/09/10	SL_CP	13,005.09											▲ Document Data Format and API
CD 19640	Ready for Operations	0	35	02	9120918		06/09/10		0.00											◆ Ready for Operations
1.6.06.02 Data Catalog / Metadata Management																				
02 ARRA Funds																				
9120919 Design & Engr - Data Catalog & Meta Mgmt																				
CD 19650	Investigate Requirements for Data Catalog, Metad	50	94	02	9120919	04/27/09	07/03/09	SL_CE	23,334.00											▲ Investigate Requirements for Data Catalog, Metad

