



Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY					
										FY08	FY09	FY10	FY11	FY12	
DI 01335	DIA & Optic Project Related Travel FY08-Q3 & Q4	131		01	9110511	04/01/08A	09/30/08A	SL_TRVL	0.00						
DI 01340	DIA & Optics Project Related Travel FY09-Q1 & Q2	118	126	01	9110511	10/01/08A	03/31/09	SL_TRVL	6,000.00						
DI 01385	DIA & Optics Lab Supplies FY08 Q3 &Q4	131		01	9110511	04/01/08A	09/30/08A	SL_MSCS	0.00						
DI 01390	DIA & Optics Lab Supplies FY09-Q1 & Q2	118	126	01	9110511	10/01/08A	03/31/09	SL_MSCS	5,328.60						
<b>02 ARRA Funds</b>															
<b>9120511 Design &amp; Engr - Diag &amp; Common Optics</b>															
DI 01103	Diagnostic Physics Support FY09-Q3 & Q4	131	126	02	9120511	04/01/09	09/30/09	SL_PHSS	63,849.92						
DI 01120	Diagnostic Physics Support FY10	249	126	02	9120511	10/01/09	09/30/10	SL_PHSS	135,535.68						
DI 01140	Diagnostic Physics Support FY11	249	126	02	9120511	10/01/10	09/30/11	SL_PHSS	70,476.96						
DI 01160	Diagnostic Physics Support FY12	55	126	02	9120511	10/03/11	12/23/11	SL_PHSS	16,190.90						
DI 01193	Engineering Integration & Support FY09-Q3 & Q4	131	126	02	9120511	04/01/09	09/30/09	SL_MEE	56,261.52						
DI 01200	Engineering Integration & Support FY10	249	126	02	9120511	10/01/09	09/30/10	SL_MEE	89,572.77						
DI 01210	Engineering Integration & Support FY11	249	126	02	9120511	10/01/10	09/30/11	SL_MEE	93,150.90						
DI 01220	Engineering Integration & Support FY12	55	126	02	9120511	10/03/11	12/23/11	SL_MEE	14,265.90						
DI 01293	DIA & Optics Sys Integ & Design FY09-Q3 & Q4	131	126	02	9120511	04/01/09	09/30/09	SL_ME	49,295.12						
DI 01300	DIA & Optics Sys Integ & Design FY10	249	126	02	9120511	10/01/09	09/30/10	SL_ME	56,483.16						
DI 01310	DIA & Optics Sys Integ & Design FY11	249	126	02	9120511	10/01/10	09/30/11	SL_ME	29,372.04						
DI 01320	DIA & Optics Sys Integ & Design FY12	55	126	02	9120511	10/03/11	12/23/11	SL_ME	0.00						
DI 013442	DIA & Optics Project Related Travel FY09-Q3 & Q4	131	126	02	9120511	04/01/09	09/30/09	SL_TRVL	6,000.00						
DI 01350	DIA & Optics Project Related Travel FY10	249	126	02	9120511	10/01/09	09/30/10	SL_TRVL	15,990.00						
DI 01360	DIA & Optics Project Related Travel FY11	249	126	02	9120511	10/01/10	09/30/11	SL_TRVL	12,600.00						
DI 01370	DIA & Optics Project Related Travel FY12	55	126	02	9120511	10/03/11	12/23/11	SL_TRVL	0.00						
DI 01392	DIA & Optics Lab Supplies FY09-Q3 & Q4	131	126	02	9120511	04/01/09	09/30/09	SL_MSCS	5,328.60						
DI 01400	DIA & Optics Lab Supplies FY10	249	126	02	9120511	10/01/09	09/30/10	SL_MSCS	10,856.40						
DI 01410	DIA & Optics Lab Supplies FY11	249	126	02	9120511	10/01/10	09/30/11	SL_MSCS	5,577.60						
DI 01420	DIA & Optics Lab Supplies FY12	55	126	02	9120511	10/03/11	12/23/11	SL_MSCS	1,254.00						
<b>1.5.02.01 Pop-in Profile/Wavefront Monitor</b>															
<b>01 MIE Funds</b>															
<b>9110521 Design &amp; Engr - Pop-in Profile Monitor</b>															
DI 01440	START: Pop-In Profile Monitor (PM)	0		01	9110521	10/01/07A			0.00						
DI 01460	Generate PRD - Pop-In Profile Monitor	70		01	9110521	10/01/07A	12/12/07A		0.00						
DI 01500	Generate ESD - Pop-In PM	30		01	9110521	12/13/07A	02/15/08A		0.00						
DI 01505	Update PRD - Pop-in Profile Monitor	10		01	9110521	04/01/08A	07/08/08A		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		
DI 01740	Check & Release Dwgs - PM Support	20	69	02	9120521	05/05/09	06/01/09	SL_MDD	1,296.30			▲	▲							
DI 01742	COMP: Drawings -PM Support	0	69	02	9120521		06/01/09		0.00			◆	◆							
<b>9120522 Procurement - Pop-in Profile Monitor</b>																				
DI 01920	Procurement Preps - XPP PM Parts, 3 Units	15	34	02	9120522	07/21/09	08/10/09		0.00			▲	▲							
DI 01940	AWARD: PO - XPP PM Parts	1	34	02	9120522	08/11/09	08/11/09	AWARD	68,519.59			▲	▲							
DI 01960	Vendor Fab - XPP PM Parts	60	34	02	9120522	08/12/09	11/03/09	SL_MSEQ	69,800.33			▲	▲							
DI 01980	RCV: XPP PM Parts	0	34	02	9120522		11/03/09		0.00			◆	◆							
DI 10620	Procurement Preps - CXI/XCS PM Parts	30	126	02	9120522	08/11/09	09/21/09		0.00			▲	▲							
DI 10640	AWARD: PO - CXI/XCS PM Parts	1	54	02	9120522	01/18/10	01/18/10	AWARD	202,964.54			▲	▲							
DI 10660	Vendor Fab - CXI PM Parts	60	54	02	9120522	01/19/10	04/12/10	SL_MSEQ	89,964.24			▲	▲							
DI 10680	RCV: CXI PM Parts	0	54	02	9120522		04/12/10		0.00			◆	◆							
DI 13340	Vendor Fab - XCS PM Parts	60	198	02	9120522	04/13/10	07/05/10	SL_MSEQ	113,000.30			▲	▲							
DI 13360	RCV: XCS PM Parts	0	198	02	9120522		07/05/10		0.00			◆	◆							
<b>9120523 Fab &amp; Assembly - Pop-in Profile Monitor</b>																				
DI 02020	Inspect Procured Parts - XPP PM Parts	10	34	02	9120523	11/04/09	11/17/09	SL_AT	3,168.59			▲	▲							
DI 02040	Clean - all XPP PM Parts	10	34	02	9120523	11/18/09	12/03/09	SL_MFPC	3,574.26			▲	▲							
DI 02060	In-House Assembly - XPP PM 1st Article	30	34	02	9120523	12/04/09	01/28/10	SL_AT, SL_MF	12,539.91			▲	▲							
DI 02085	Inspect & Fiducialize - XPP PM 1st Article	10	34	02	9120523	01/29/10	02/11/10	SL_MES	1,724.00			▲	▲							
DI 02090	Vacuum Process - XPP PM 1st Article Parts	10	34	02	9120523	02/12/10	02/25/10	SL_AT	4,023.60			▲	▲							
DI 10720	Inspect Procured Parts - CXI PM Parts	10	54	02	9120523	04/13/10	04/26/10	SL_AT	4,224.78			▲	▲							
DI 10740	Clean - all CXI PM Parts	10	54	02	9120523	04/27/10	05/10/10	SL_MFPC	3,772.83			▲	▲							
DI 10760	In-House Assembly - CXI PM Parts	30	54	02	9120523	05/11/10	06/21/10	SL_AT, SL_MF	13,807.06			▲	▲							
DI 10770	Inspect & Fiducialize - CXI PM	10	54	02	9120523	06/22/10	07/05/10	SL_MES	1,724.00			▲	▲							
DI 10800	Vacuum Process - CXI PM Parts	10	54	02	9120523	07/06/10	07/19/10	SL_AT	4,023.60			▲	▲							
DI 13400	Inspect Procured Parts - XCS PM Remaining Parts	10	198	02	9120523	07/06/10	07/19/10	SL_AT	4,224.78			▲	▲							
DI 13420	Clean - all XCS PM Parts	10	198	02	9120523	07/20/10	08/02/10	SL_MFPC	3,772.83			▲	▲							
DI 13440	In-House Assembly - XCS PM Parts	30	198	02	9120523	08/03/10	09/13/10	SL_MF, SL_AT	13,807.06			▲	▲							
DI 13445	Inspect & Fiducialize - XCS PM	10	198	02	9120523	09/14/10	09/27/10	SL_MES	1,724.00			▲	▲							
DI 13480	Vacuum Process - XCS PM Parts	10	198	02	9120523	09/28/10	10/11/10	SL_AT	4,166.71			▲	▲							
<b>9120524 Testing - Pop-in Profile Monitor</b>																				
DI 02100	REQD: XPP PM Controls HW/SW	0	69	02	9120524		01/07/10		0.00			◆	◆							
DI 02105	Testing - XPP PM 1st Article	30	34	02	9120524	02/26/10	04/08/10	SL_AT, SL_CT	2,140.96			▲	▲							
DI 02120	AVAIL: XPP PM 1st Article Ready for Installation	0	34	02	9120524		04/08/10		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	
DI 10805	REQD: CXI PM Controls HW/SW	0	114	02	9120524		04/26/10		0.00					◆	REQD: CXI PM Controls HW/SW				
DI 10820	Testing - CXI PM	10	54	02	9120524	07/20/10	08/02/10	SL_CT, SL_AT	2,140.96					▲	Testing - CXI PM				
DI 10840	AVAIL: CXI PM Ready for Installation	0	54	02	9120524		08/02/10		0.00					◆	AVAIL: CXI PM Ready for Installation				
DI 13485	REQD: XCS PM Controls HW/SW	0	293	02	9120524		05/31/10		0.00					◆	REQD: XCS PM Controls HW/SW				
DI 13500	Testing - XCS PM	30	198	02	9120524	10/12/10	11/22/10	SL_AT, SL_CT	2,226.48					▲	Testing - XCS PM				
DI 13520	AVAIL: XCS PM Ready for Installation	0	198	02	9120524		11/22/10		0.00					◆	AVAIL: XCS PM Ready for Installation				
<b>9120565 Design &amp; Engr - Wavefront Monitor</b>																			
DI 01800	Finalize Design - Wavefront Monitor	20	209	02	9120565	04/10/09	05/07/09	SL_MEE, SL_MDD	4,609.70					▲	Finalize Design - Wavefront Monitor				
DI 01840	Detail Piece Part Drawings - Wavefront Monitor	30	209	02	9120565	04/24/09	06/04/09	SL_MEE, SL_MDD	5,473.90					▲	Detail Piece Part Drawings - Wavefront Monitor				
DI 01850	Prep for FDR - Pop-In Wavefront	15	234	02	9120565	05/08/09	05/28/09	SL_MEE, SL_MDD	4,609.70					▲	Prep for FDR - Pop-In Wavefront				
DI 01855	FDR - Final Design Rev - Pop-In Wavefront	1	209	02	9120565	07/03/09	07/03/09	SL_MEE, SL_MDD	806.84					▲	FDR - Final Design Rev - Pop-In Wavefront				
DI 01860	Check & Release Dwgs - Wavefront Monitor	20	209	02	9120565	06/05/09	07/02/09	SL_MDD	2,592.60					▲	Check & Release Dwgs - Wavefront Monitor				
DI 01880	Detail Assembly Drawings - Wavefront Monitor	10	220	02	9120565	06/05/09	06/18/09	SL_MDD	1,382.72					▲	Detail Assembly Drawings - Wavefront Monitor				
DI 01900	COMP: Final Design & Detail Dwgs - Wavefront	0	209	02	9120565		07/03/09		0.00					◆	COMP: Final Design & Detail Dwgs - Wavefront				
<b>9120566 Procurement - Wavefront Monitor</b>																			
DI 13380	Procurement Preps - CXI Wavefront Monitor Parts	15	183	02	9120566	08/11/09	08/31/09		0.00					▲	Procurement Preps - CXI Wavefront Monitor Parts				
DI 13460	AWARD: PO - CXI Wavefront Monitor Parts	1	183	02	9120566	09/01/09	09/01/09	AWARD	37,826.64					▲	AWARD: PO - CXI Wavefront Monitor Parts				
DI 13540	Vendor Fab - CXI Wavefront Monitor Parks	50	183	02	9120566	09/02/09	11/10/09	SL_MSEQ	38,533.68					▲	Vendor Fab - CXI Wavefront Monitor Parks				
DI 13560	RCV: CXI Wavefront Monitor Parts	0	183	02	9120566		11/10/09		0.00					◆	RCV: CXI Wavefront Monitor Parts				
<b>9120567 Fab &amp; Assembly - Wavefront Monitor</b>																			
DI 10860	Inspect Procured Parts - CXI Wavefront Mon	10	183	02	9120567	11/11/09	11/24/09	SL_AT	1,539.03					▲	Inspect Procured Parts - CXI Wavefront Mon				
DI 10880	Clean - all CXI Wavefront Monitor Parks	10	183	02	9120567	11/25/09	12/10/09	SL_MFPC	1,787.13					▲	Clean - all CXI Wavefront Monitor Parks				
DI 10900	In-House Assembly - CXI Wavefront Parts	30	183	02	9120567	12/11/09	02/04/10	SL_MF, SL_AT	6,100.24					▲	In-House Assembly - CXI Wavefront Parts				
DI 10920	Inspect & Fiducialize - CXI Wavefront Monitor	10	183	02	9120567	02/05/10	02/18/10	SL_MES	1,724.00					▲	Inspect & Fiducialize - CXI Wavefront Monitor				
DI 11020	Vacuum Process - CXI Wavefront Monitor Parts	10	183	02	9120567	02/19/10	03/04/10	SL_AT	4,023.60					▲	Vacuum Process - CXI Wavefront Monitor Parts				
<b>9120568 Testing - Wavefront Monitor</b>																			
DI 11100	REQD: CXI Wavefront Monitor Controls HW/SW	0	146	02	9120568		04/26/10		0.00					◆	REQD: CXI Wavefront Monitor Controls HW/SW				
DI 11180	Testing - CXI Wavefront Monitor	30	146	02	9120568	04/27/10	06/07/10	SL_CT, SL_AT	2,140.96					▲	Testing - CXI Wavefront Monitor				
DI 11200	AVAIL: CXI Wavefront Monitor	0	146	02	9120568		06/07/10		0.00					◆	AVAIL: CXI Wavefront Monitor				
<b>1.5.02.02 Pop-In Intensity Monitor</b>																			
<b>01 MIE Funds</b>																			
<b>9110525 Design &amp; Engr - Pop-In Intensity Monitor</b>																			
DI 02160	START: Pop-In Intensity Monitor (IO)	0		01	9110525	10/01/07A			0.00	◆	START: Pop-In Intensity Monitor (IO)								
DI 02180	Generate PRD - IO Monitor	95		01	9110525	10/01/07A	01/18/08A		0.00	▲	Generate PRD - IO Monitor								



Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY08		FY09		FY10		FY11		FY12	
DI 11000	RCV: CXI IO Mon Parts	0	111	02	9120526		04/12/10		0.00										
DI 13660	Vendor Fab - XCS IO Mon Parts	60	218	02	9120526	04/13/10	07/05/10	SL_MSEQ	70,904.50										
DI 13680	RCV: XCS IO Mon Parts	0	218	02	9120526		07/05/10		0.00										
<b>9120527 Fab &amp; Assembly - Pop-In Intensity Monitor</b>																			
DI 02760	Inspect Procured Parts - XPP IO Mon 1st Article	10	43	02	9120527	11/19/09	12/04/09	SL_AT	1,599.38										
DI 02780	Clean - all XPP IO Mon 1st Article Parts	10	43	02	9120527	12/07/09	12/18/09	SL_MFPC	3,574.26										
DI 02800	In-House Assembly - XPP IO Mon 1st Article Parts	30	43	02	9120527	01/04/10	02/12/10	SL_MF, SL_AT	7,927.07										
DI 02810	Inspect & Fiducialize - XPP IO 1st Article Parts	10	43	02	9120527	02/15/10	02/26/10	SL_MES	1,724.00										
DI 02820	Vacuum Process - XPP IO Mon 1st Article Parts	10	43	02	9120527	03/01/10	03/12/10	SL_AT	4,023.60										
DI 11040	Inspect Procured Parts - CXI IO Mon Parts	10	111	02	9120527	04/13/10	04/26/10	SL_AT	1,569.20										
DI 11060	Clean - all CXI IO Mon Parts	10	111	02	9120527	04/27/10	05/10/10	SL_MFPC	3,574.26										
DI 11080	In-House Assembly - CXI IO Mon Parts	30	111	02	9120527	05/11/10	06/21/10	SL_AT, SL_MF	6,749.55										
DI 11110	Inspect & Fiducialize - CXI IO Mon Parts	10	111	02	9120527	06/22/10	07/05/10	SL_MES	1,724.00										
DI 11120	Vacuum Process - CXI IO Mon Parts	5	111	02	9120527	07/06/10	07/12/10	SL_AT	4,023.60										
DI 13720	Inspect Procured Parts - XCS IO Mon Parts	10	218	02	9120527	07/06/10	07/19/10	SL_AT	3,923.01										
DI 13740	Clean - all XCS IO Mon Parts	10	218	02	9120527	07/20/10	08/02/10	SL_MFPC	5,162.82										
DI 13760	In-House Assembly - XCS IO Mon Parts	30	218	02	9120527	08/03/10	09/13/10	SL_MF, SL_AT	14,549.80										
DI 13780	Inspect & Fiducialize - XCS IO Mon Parts	10	218	02	9120527	09/14/10	09/27/10	SL_MES	3,448.00										
DI 13800	Vacuum Process - XCS IO Mon Parts	10	218	02	9120527	09/28/10	10/11/10	SL_AT	8,333.42										
<b>9120528 Testing - Pop-In Intensity Monitor</b>																			
DI 02835	REQD: XPP IO Controls HW/SW	0	69	02	9120528		02/04/10		0.00										
DI 02840	Testing - XPP IO Monitor 1st Article	10	43	02	9120528	03/15/10	03/26/10	SL_CT, SL_AT	2,140.96										
DI 02860	AVAIL: XPP IO Monitor Ready for Installation	0	43	02	9120528		03/26/10		0.00										
DI 11125	REQD: CXI IO Controls HW/SW	0	146	02	9120528		05/24/10		0.00										
DI 11140	Testing - CXI IO Monitor	10	111	02	9120528	07/13/10	07/26/10	SL_CT, SL_AT	2,140.96										
DI 11160	AVAIL: CXI IO Monitor Ready for Installation	0	111	02	9120528		07/26/10		0.00										
DI 13805	REQD: XCS IO Controls HW/SW	0	313	02	9120528		05/31/10		0.00										
DI 13820	Testing - XCS IO Monitor	10	218	02	9120528	10/12/10	10/25/10	SL_AT, SL_CT	2,226.48										
DI 13840	AVAIL: XCS IO Monitor Ready for Installation	0	218	02	9120528		10/25/10		0.00										
<b>1.5.02.03 Intensity-Position Monitor</b>																			
<b>01 MIE Funds</b>																			
<b>9110529 Design &amp; Engr - Intensity-Position Monitor</b>																			
DI 02900	START: Intensity-Position Monitor (IPM)	0		01	9110529	10/01/07A			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												
DI 02920	Generate PRD - Intensity-Position Monitor	95		01	9110529	10/01/07A	01/18/08A		0.00	█ Generate PRD - Intensity-Position Monitor																																																												
DI 02940	COMP: PRD Released - Intensity-Position Monitor	0		01	9110529		01/18/08A		0.00	◆ COMP: PRD Released - Intensity-Position Monitor																																																												
DI 02960	Generate ESD - Intensity-Position Mon	20		01	9110529	04/01/08A	01/09/09A	SL_MEE	0.00	█ Generate ESD - Intensity-Position Mon																																																												
DI 02980	COMP: ESD Released - Intensity-Position Monitor	0		01	9110529		01/09/09A		0.00	◆ COMP: ESD Released - Intensity-Position Monitor																																																												
DI 02981	Apr08 through Sep08 Plan Adjustment	21		01	9110529	09/01/08A	09/30/08A	HIST_LBR	30,575.56	█ Apr08 through Sep08 Plan Adjustment																																																												
DI 03000	Prelim Design & Analysis - IPM	60		01	9110529	07/15/08A	01/09/09A	SL_MEE, SL_MDD, SL_EE	0.00	█ Prelim Design & Analysis - IPM																																																												
DI 03025	Prep for PDR - IPM	10		01	9110529	12/16/08A	01/08/09A	SL_EE, SL_MDD, SL_MEE	9,324.60	█ Prep for PDR - IPM																																																												
DI 03040	PDR - Prelim Design Review - Int Position Mon	1		01	9110529	01/09/09A	01/09/09A	SL_EE, SL_MDD, SL_MEE	1,191.72	✘ PDR - Prelim Design Review - Int Position Mon																																																												
DI 03060	Finalize Design - IPM	40	48	01	9110529	01/12/09A	04/17/09	SL_EE, SL_MDD, SL_MEE	40,961.40	█ Finalize Design - IPM																																																												
DI 03095	Prep for FDR - IPM	10	55	01	9110529	02/27/09A	03/12/09	SL_EE, SL_MDD, SL_MEE	9,324.60	█ Prep for FDR - IPM																																																												
DI 03100	FDR - Final Design Review - Int Position Monitor	1	55	01	9110529	03/13/09	03/13/09	SL_MEE, SL_MDD	806.84	█ FDR - Final Design Review - Int Position Monitor																																																												
DI 03190	Prelim Design & Analysis - IPM Support	10		01	9110529	10/06/08A	01/09/09A	SL_MEE, SL_MDD	0.00	█ Prelim Design & Analysis - IPM Support																																																												
DI 03200	Finalize Design - IPM support	10		01	9110529	01/12/09A	02/27/09A	SL_MDD, SL_MEE	2,305.04	█ Finalize Design - IPM support																																																												
DI 03210	Detail Piece Part Drawings - IPM Support	20	88	01	9110529	01/26/09A	03/17/09	SL_MDD, SL_MEE	2,736.95	█ Detail Piece Part Drawings - IPM Support																																																												
<b>02 ARRA Funds</b>																																																																						
<b>9120529 Design &amp; Engr - Intensity-Position Monitor</b>																																																																						
DI 03080	Detail Piece Part Drawings - IPM	40	48	02	9120529	04/01/09	05/26/09	SL_MDD, SL_MEE	10,947.80	█ Detail Piece Part Drawings - IPM																																																												
DI 03090	Check & Release Dwgs - IPM	10	48	02	9120529	05/27/09	06/09/09	SL_MDD	5,185.20	█ Check & Release Dwgs - IPM																																																												
DI 03120	Incorp FDR Changes - IPM	20	55	02	9120529	04/06/09	05/01/09	SL_MEE	9,223.20	█ Incorp FDR Changes - IPM																																																												
DI 03140	Detail Assembly Drawings - IPM	15	139	02	9120529	05/27/09	06/16/09	SL_MDD	3,456.80	█ Detail Assembly Drawings - IPM																																																												
DI 03160	COMP: Final Design & Detail Dwgs - IPM	0	48	02	9120529		06/09/09		0.00	◆ COMP: Final Design & Detail Dwgs - IPM																																																												
DI 03180	Generate Mfg Docs - IPM	20	139	02	9120529	06/17/09	07/14/09	SL_MEE	9,223.20	█ Generate Mfg Docs - IPM																																																												
DI 03220	Check & Release Dwgs - IIPM Support	20	55	02	9120529	05/04/09	05/29/09	SL_MDD	1,296.30	█ Check & Release Dwgs - IIPM Support																																																												
DI 03290	Prep for Design Status Review - IPM	10	139	02	9120529	07/15/09	07/28/09	SL_MEE, SL_MDD	5,475.80	█ Prep for Design Status Review - IPM																																																												
DI 03300	Design Status Review - IPM	1	139	02	9120529	07/29/09	07/29/09	SL_MEE, SL_MDD	806.84	✘ Design Status Review - IPM																																																												
DI 03310	COMP: Design Phase Complete - IPM & Supports	0	139	02	9120529		07/29/09		0.00	◆ COMP: Design Phase Complete - IPM & Supports																																																												
<b>9120530 Procurement - Intensity-Position Monitor</b>																																																																						
DI 03320	Procurement Preps - XPP IPM 1st Art Prts	15	48	02	9120530	06/10/09	06/30/09		0.00	█ Procurement Preps - XPP IPM 1st Art Prts																																																												
DI 03340	AWARD: PO - XPP IPM 1st Article Parts	1	48	02	9120530	07/01/09	07/01/09	AWARD	127,338.56	✘ AWARD: PO - XPP IPM 1st Article Parts																																																												
DI 03360	Vendor Fab - XPP IPM 1st Article Parts	100	48	02	9120530	07/02/09	11/18/09	SL_MSEQ	129,718.72	█ Vendor Fab - XPP IPM 1st Article Parts																																																												
DI 03380	RCV: XPP IPM 1st Article Parts	0	48	02	9120530		11/18/09		0.00	◆ RCV: XPP IPM 1st Article Parts																																																												
DI 11260	Procurement Preps - CXI/XCS IPM Parts	30	139	02	9120530	07/30/09	09/09/09		0.00	█ Procurement Preps - CXI/XCS IPM Parts																																																												
DI 11280	AWARD: PO - CXI/XCS IPM Parts	1	59	02	9120530	01/18/10	01/18/10	AWARD	257,989.92	✘ AWARD: PO - CXI/XCS IPM Parts																																																												



Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY08		FY09		FY10		FY11		FY12	
DI 11300	Vendor Fab - CXI IPM Parts	60	59	02	9120530	01/19/10	04/12/10	SL_MSEQ	97,018.72					Vendor Fab - CXI IPM Parts					
DI 11320	RCV: CXI IPM Parts	0	59	02	9120530		04/12/10		0.00					RCV: CXI IPM Parts					
DI 13980	Vendor Fab - XCS IPM Parts	60	223	02	9120530	04/13/10	07/05/10	SL_MSEQ	160,971.20					Vendor Fab - XCS IPM Parts					
DI 14000	RCV: XCS IPM Parts	0	223	02	9120530		07/05/10		0.00					RCV: XCS IPM Parts					
<b>9120531 Fab &amp; Assembly - Intensity-Position Monitor</b>																			
DI 03500	Inspect Procured Parts - XPP IPM 1st Article	10	48	02	9120531	11/19/09	12/04/09	SL_AT	4,496.37					Inspect Procured Parts - XPP IPM 1st Article					
DI 03520	Clean - all XPP IPM 1st Article Parts	10	48	02	9120531	12/07/09	12/18/09	SL_MFPC	4,765.68					Clean - all XPP IPM 1st Article Parts					
DI 03540	In-House Assembly - XPP IPM 1st Article Parts	30	48	02	9120531	01/04/10	02/12/10	SL_MF, SL_AT	15,126.65					In-House Assembly - XPP IPM 1st Article Parts					
DI 03550	Inspect & Fiducialize - XPP IPM 1st Article Parts	10	48	02	9120531	02/15/10	02/26/10	SL_MES	1,724.00					Inspect & Fiducialize - XPP IPM 1st Article Parts					
DI 03560	Vacuum Process - XPP IPM 1st Article Parts	5	48	02	9120531	03/01/10	03/05/10	SL_AT	4,023.60					Vacuum Process - XPP IPM 1st Article Parts					
DI 11360	Inspect Procured Parts - CXI IPM Parts	10	59	02	9120531	04/13/10	04/26/10	SL_AT	4,436.02					Inspect Procured Parts - CXI IPM Parts					
DI 11380	Clean - all CXI IPM Parts	10	59	02	9120531	04/27/10	05/10/10	SL_MFPC	4,765.68					Clean - all CXI IPM Parts					
DI 11400	In-House Assembly - CXI IPM Parts	30	59	02	9120531	05/11/10	06/21/10	SL_AT, SL_MF	15,126.65					In-House Assembly - CXI IPM Parts					
DI 11430	Inspect & Fiducialize - CXI IPM Parts	10	59	02	9120531	06/22/10	07/05/10	SL_MES	1,724.00					Inspect & Fiducialize - CXI IPM Parts					
DI 11440	Vacuum Process - CXI IPM Parts	5	59	02	9120531	07/06/10	07/12/10	SL_AT	4,023.60					Vacuum Process - CXI IPM Parts					
DI 14040	Inspect Procured Parts - XCS IPM Parts	10	223	02	9120531	07/06/10	07/19/10	SL_AT	6,166.17					Inspect Procured Parts - XCS IPM Parts					
DI 14060	Clean - all XCS IPM Parts	10	223	02	9120531	07/20/10	08/02/10	SL_MFPC	7,148.52					Clean - all XCS IPM Parts					
DI 14080	In-House Assembly - XCS IPM Parts	30	223	02	9120531	08/03/10	09/13/10	SL_MF, SL_AT	23,145.25					In-House Assembly - XCS IPM Parts					
DI 14090	Inspect & Fiducialize - XCS IPM Parts	10	223	02	9120531	09/14/10	09/27/10	SL_MES	2,586.00					Inspect & Fiducialize - XCS IPM Parts					
DI 14120	Vacuum Process - XCS IPM Parts	5	223	02	9120531	09/28/10	10/04/10	SL_AT	4,123.30					Vacuum Process - XCS IPM Parts					
<b>9120532 Testing - Intensity-Position Monitor</b>																			
DI 03570	Electronic Testing - XPP IPM 1st Article	40	73	02	9120532	11/19/09	01/29/10	SL_EE	16,011.20					Electronic Testing - XPP IPM 1st Article					
DI 03575	REQD: XPP IPM Controls HW/SW	0	69	02	9120532		02/04/10		0.00					REQD: XPP IPM Controls HW/SW					
DI 03580	Testing - XPP IPM 1st Article	10	48	02	9120532	03/08/10	03/19/10	SL_CT, SL_AT	2,140.96					Testing - XPP IPM 1st Article					
DI 03600	AVAIL: XPP IPM 1st Article Ready for Install	0	48	02	9120532		03/19/10		0.00					AVAIL: XPP IPM 1st Article Ready for Install					
DI 11445	REQD: CXI IPM Controls HW/SW	0	111	02	9120532		04/29/10		0.00					REQD: CXI IPM Controls HW/SW					
DI 11460	Testing - CXI IPM	10	59	02	9120532	07/13/10	07/26/10	SL_CT, SL_AT	2,140.96					Testing - CXI IPM					
DI 11480	AVAIL: CXI IPM Ready for Installation	0	59	02	9120532		07/26/10		0.00					AVAIL: CXI IPM Ready for Installation					
DI 14125	REQD: XCS IPM Controls HW/SW	0	313	02	9120532		05/31/10		0.00					REQD: XCS IPM Controls HW/SW					
DI 14140	Testing - XCS IPM	10	223	02	9120532	10/05/10	10/18/10	SL_CT, SL_AT	2,226.48					Testing - XCS IPM					
DI 14160	AVAIL: XCS IPM Ready for Installation	0	223	02	9120532		10/18/10		0.00					AVAIL: XCS IPM Ready for Installation					

Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY08		FY09		FY10		FY11		FY12		
<b>1.5.03.01 Large Offset Monochromator</b>																				
<b>01 MIE Funds</b>																				
<b>9110570 Subcontract - Monochromator</b>																				
DI 60740	Bid Package - XCS Large Offset Monochromator	20	248	01	9110570	05/27/09	06/23/09	SL_MEE	1,844.64											
DI 60750	Vendor Proposal Effort, Questions - XCS LO Mono	40	248	01	9110570	06/24/09	08/18/09	SL_MEE	2,766.96											
DI 60760	Vendor Selection -XCS Large Offset Monochromator	5	248	01	9110570	08/19/09	08/25/09	SL_MEE, SL_PHSS	1,969.04											
DI 60770	Vendor Kick-off - XCS Large Offset Monochromator	32	248	01	9110570	08/31/09	10/13/09	SL_MEE	1,865.43											
DI 60790	Preliminary Design Guidance-XCS LO Monochromator	5	248	01	9110570	10/14/09	10/20/09	SL_MEE	4,796.40											
DI 60800	Vendor Startup Design - XCS Large Offset Mono	1	248	01	9110570	10/21/09	10/21/09	SL_MSSY	57,813.60											
DI 60810	Vendor Preliminary Design Complete - XCS LO Mono	1	248	01	9110570	01/06/10	01/06/10	SL_MSSY	98,100.00											
DI 60820	Preliminary Design Review - XCS LO Monochromator	2	248	01	9110570	01/04/10	01/05/10	SL_MEE, SL_TRVL, SL_PHSS	9,221.88											
DI 60830	AWARD: Vendor Contract/Start Design -XCS LO Mono	1	248	01	9110570	08/28/09	08/28/09	AWARD	1,158,852.80											
DI 60840	Vendor Final Design Complete - XCS LO Mono	1	248	01	9110570	03/08/10	03/08/10	SL_MSSY	207,100.00											
DI 60850	Final Design Review - XCS LO Monochromator	2	248	01	9110570	03/04/10	03/05/10	SL_PHSS, SL_MEE, SL_TRVL	9,221.88											
DI 60860	SLAC Approval Process - XCS Lg Offset Mono	1	248	01	9110570	08/26/09	08/26/09		0.00											
DI 60870	Vendor Fabrication Complete-XCS LO Monochromator	1	248	01	9110570	10/26/10	10/26/10	SL_MSSY	772,800.00											
DI 60880	Acceptance of Vendor Fab - XCS LO Monochromator	5	248	01	9110570	10/19/10	10/25/10	SL_MEE, SL_PHSS, SL_TRVL	9,494.64											
DI 60890	DOE Approval Process - XCS Lg. Offset Mono	1	248	01	9110570	08/27/09	08/27/09		0.00											
DI 60900	Vendor Installation Complete-XCS LO Mono	1	248	01	9110570	11/24/10	11/24/10	SL_MSSY	67,200.00											
DI 60910	Vendor Preliminary Design - XCS LO Monochromator	40	248	01	9110570	10/22/09	12/18/09		0.00											
DI 60920	Vendor Final Design - XCS LO Monochromator	40	248	01	9110570	01/07/10	03/03/10		0.00											
DI 60930	Vendor Fabrication - XCS LO Monochromator	160	248	01	9110570	03/09/10	10/18/10		0.00											
DI 60935	RCV: XCS Large Offset Monochromator	0	254	01	9110570		10/18/10		0.00											
DI 60940	Vendor Installation at SLAC-XCS LO Monochromator	20	248	01	9110570	10/27/10	11/23/10		0.00											
DI 60950	COMP: XCS Large Offset Monochromator	1	248	01	9110570	11/29/10	11/29/10		0.00											
<b>02 ARRA Funds</b>																				
<b>9120569 Design &amp; Engr - Monochromator</b>																				
DI 60690	Generate PRD - XCS Large Offset Monochromator	20	-9	02	9120569	04/01/09*	04/28/09	SL_PHSS	5,233.60											
DI 60700	Generate ESD - XCS Large Offset Monochromator	20	-9	02	9120569	04/29/09	05/26/09	SL_MEE	4,611.60											
DI 60710	Develop Vendor SOW - XCS Large Off Monochromator	30	276	02	9120569	05/27/09	07/07/09	SL_MEE	4,611.60											
DI 60720	Qualification of Vendor - XCS LO Monochromator	2	276	02	9120569	07/08/09	07/09/09	SL_PHSS, SL_MEE, SL_TRVL	16,922.60											
DI 60780	Oversight & Integration - XCS LO Monochromator	302	248	02	9120569	10/14/09	01/12/11	SL_PHSS, SL_MEE	41,294.43											

Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY08					FY09					FY10					FY11					FY12									
<b>1.5.03.02 X-ray Focusing Lenses</b>																																							
<b>01 MIE Funds</b>																																							
<b>9110533 Design &amp; Engr - X-ray Focusing Lenses</b>																																							
DI 05940	START: X-ray Focusing Lenses (XFL)	0		01	9110533	10/01/07A			0.00	◆ START: X-ray Focusing Lenses (XFL)																													
DI 05960	Generate PRD - X-ray Focusing Lenses (XFL)	70		01	9110533	10/01/07A	01/18/08A		0.00	█ Generate PRD - X-ray Focusing Lenses (XFL)																													
DI 05980	COMP: PRD Released - X-ray Focusing Lenses (XFL)	0		01	9110533		01/18/08A		0.00	◆ COMP: PRD Released - X-ray Focusing Lenses (XFL)																													
DI 05985	Update PRD - X-ray Focusing Lenses (XFL)	40		01	9110533	04/01/08A	07/03/08A		0.00	█ Update PRD - X-ray Focusing Lenses (XFL)																													
DI 06000	Generate ESD - X-ray Focusing Lenses	40		01	9110533	04/01/08A	08/18/08A		0.00	█ Generate ESD - X-ray Focusing Lenses																													
DI 06020	COMP: ESD Released - X-ray Focusing Lenses (XFL)	0		01	9110533		09/30/08A		0.00	◆ COMP: ESD Released - X-ray Focusing Lenses (XFL)																													
DI 06021	Apr08 through Sep08 Plan Adjustment	21		01	9110533	09/01/08A	09/30/08A	HIST_LBR	3,115.07	█ Apr08 through Sep08 Plan Adjustment																													
DI 06030	Conceptual Design - XFL	20		01	9110533	08/12/08A	02/27/09A	SL_MDD, SL_MEE	0.00	█ Conceptual Design - XFL																													
DI 06035	Update ESD - XFL	20		01	9110533	09/22/08A	09/30/08A	SL_MEE	0.00	█ Update ESD - XFL																													
DI 06040	Prelim Design & Analysis - XFL	80		01	9110533	10/06/08A	02/13/09A	SL_MEE, SL_MDD	54,282.02	█ Prelim Design & Analysis - XFL																													
DI 06050	Prep for PDR - XFL	10		01	9110533	02/16/09A	02/27/09A	SL_MDD, SL_MEE	5,475.80	█ Prep for PDR - XFL																													
DI 06060	PDR - Prelim Design Review - XFL	1		01	9110533	02/27/09A	02/27/09A	SL_MDD, SL_MEE	806.84	✗ PDR - Prelim Design Review - XFL																													
<b>02 ARRA Funds</b>																																							
<b>9120533 Design &amp; Engr - X-ray Focusing Lenses</b>																																							
DI 06100	Finalize Design - XFL	40	236	02	9120533	04/01/09	05/26/09	SL_MEE, SL_MDD	14,924.64	█ Finalize Design - XFL																													
DI 06120	Detail Piece Part Drawings - XFL	60	236	02	9120533	04/03/09	06/25/09	SL_MEE, SL_MDD	21,895.60	█ Detail Piece Part Drawings - XFL																													
DI 06130	Check & Release Dwgs - XFL	30	287	02	9120533	08/17/09	09/25/09	SL_MDD	10,370.40	█ Check & Release Dwgs - XFL																													
DI 06135	Prep for FDR - XFL	15	236	02	9120533	06/26/09	07/16/09	SL_MEE, SL_MDD	5,475.80	█ Prep for FDR - XFL																													
DI 06140	FDR - Final Design Review - XFL	1	236	02	9120533	07/17/09	07/17/09	SL_MDD, SL_MEE	806.84	█ FDR - Final Design Review - XFL																													
DI 06150	COMP: Piece Part Drawings Complete - XFL	0	287	02	9120533		09/25/09		0.00	◆ COMP: Piece Part Drawings Complete - XFL																													
DI 06160	Incorp FDR Changes - XFL	20	236	02	9120533	07/20/09	08/14/09	SL_MEE	9,223.20	█ Incorp FDR Changes - XFL																													
DI 06180	Detail Assembly Drawings - XFL	20	481	02	9120533	08/17/09	09/11/09	SL_MDD	5,530.88	█ Detail Assembly Drawings - XFL																													
DI 06220	Generate Mfg Docs - XFL	20	481	02	9120533	09/14/09	10/09/09	SL_MEE	9,352.56	█ Generate Mfg Docs - XFL																													
DI 06230	Prep for Design Status Review - XFL	10	481	02	9120533	10/12/09	10/23/09	SL_MEE, SL_MDD	5,695.20	█ Prep for Design Status Review - XFL																													
DI 06260	Design Status Review - XFL	1	481	02	9120533	10/26/09	10/26/09	SL_MD, SL_MEE	860.72	█ Design Status Review - XFL																													
DI 06270	COMP: Design Phase Complete - XFL	0	481	02	9120533		10/26/09		0.00	◆ COMP: Design Phase Complete - XFL																													
<b>9120534 Procurement - X-ray Focusing Lenses</b>																																							
DI 09540	Procurement Preps - XPP XFL Long Lead Parts	100	175	02	9120534	04/01/09	08/18/09		0.00	█ Procurement Preps - XPP XFL Long Lead Parts																													
DI 09560	AWARD: PO - XPP XFL Long Lead Parts	1	369	02	9120534	08/19/09	08/19/09	AWARD	11,770.00	█ AWARD: PO - XPP XFL Long Lead Parts																													
DI 09580	Vendor Fab - XPP XFL Long Lead Parts	160	369	02	9120534	08/20/09	04/16/10	SL_MSEG	11,990.00	█ Vendor Fab - XPP XFL Long Lead Parts																													

Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY08		FY09		FY10		FY11		FY12		
DI 09600	RCV: XPP XFL Long Lead Parts	0	369	02	9120534		04/16/10		0.00											◆ RCV: XPP XFL Long Lead Parts
DI 09620	Procurement Preps - XPP XFL Other Parts	30	287	02	9120534	09/28/09	11/06/09		0.00											▲ Procurement Preps - XPP XFL Other Parts
DI 09640	AWARD: PO - XPP XFL Other Parts	1	411	02	9120534	11/09/09	11/09/09	AWARD	54,151.20											▲ AWARD: PO - XPP XFL Other Parts
DI 09660	Vendor Fab - XPP XFL Other Parts	60	411	02	9120534	11/10/09	02/17/10	SL_MSEQ	54,151.20											▲ Vendor Fab - XPP XFL Other Parts
DI 09680	RCV: XPP XFL Other Parts	0	411	02	9120534		02/17/10		0.00											◆ RCV: XPP XFL Other Parts
DI 14180	Procurement Preps - XCS XFL Long Lead Parts	100	175	02	9120534	08/19/09	01/21/10		0.00											▲ Procurement Preps - XCS XFL Long Lead Parts
DI 14200	AWARD: PO - XCS XFL Long Lead Parts	1	175	02	9120534	01/22/10	01/22/10	AWARD	11,990.00											▲ AWARD: PO - XCS XFL Long Lead Parts
DI 14220	Vendor Fab - XCS XFL Long Lead Parts	160	175	02	9120534	01/25/10	09/03/10	SL_MSEQ	11,990.00											▲ Vendor Fab - XCS XFL Long Lead Parts
DI 14240	RCV: XCS XFL Long Lead Parts	0	175	02	9120534		09/03/10		0.00											◆ RCV: XCS XFL Long Lead Parts
DI 14260	Procurement Preps - XCS XFL Other Parts	30	287	02	9120534	11/09/09	01/05/10		0.00											▲ Procurement Preps - XCS XFL Other Parts
DI 14280	AWARD: PO - XCS XFL Other Parts	1	279	02	9120534	01/18/10	01/18/10	AWARD	54,151.20											▲ AWARD: PO - XCS XFL Other Parts
DI 14300	Vendor Fab - XCS XFL Other Parts	60	279	02	9120534	01/19/10	04/12/10	SL_MSEQ	54,151.20											▲ Vendor Fab - XCS XFL Other Parts
DI 14320	RCV: XCS XFL Other Parts	0	279	02	9120534		04/12/10		0.00											◆ RCV: XCS XFL Other Parts
<b>9120535 Fab &amp; Assembly - X-ray Focusing Lenses</b>																				
DI 09700	Inspect Procured Parts - XPP XFL Long Lead	10	369	02	9120535	04/19/10	04/30/10	SL_AT	1,106.49											▲ Inspect Procured Parts - XPP XFL Long Lead
DI 09720	Inspect Procured Parts - XPP XFL Misc	10	411	02	9120535	02/18/10	03/03/10	SL_AT	2,062.10											▲ Inspect Procured Parts - XPP XFL Misc
DI 09740	Clean - all XPP XFL Parts	10	369	02	9120535	05/03/10	05/14/10	SL_MFPC	3,971.40											▲ Clean - all XPP XFL Parts
DI 09760	In-House Assembly - XPP XFL Parts	30	369	02	9120535	05/17/10	06/25/10	SL_AT, SL_MF	15,035.12											▲ In-House Assembly - XPP XFL Parts
DI 09780	Inspect & Fiducialize - XPP XFL Parts	10	369	02	9120535	06/28/10	07/09/10	SL_MES	1,724.00											▲ Inspect & Fiducialize - XPP XFL Parts
DI 09800	Vacuum Process - XPP XFL Parts	10	369	02	9120535	07/12/10	07/23/10	SL_AT	4,023.60											▲ Vacuum Process - XPP XFL Parts
DI 14340	Inspect Procured Parts - XCS XFL Long Lead	10	175	02	9120535	09/06/10	09/17/10	SL_AT	1,106.49											▲ Inspect Procured Parts - XCS XFL Long Lead
DI 14360	Inspect Procured Parts - XCS XFL Misc Parts	10	279	02	9120535	04/13/10	04/26/10	SL_AT	2,062.10											▲ Inspect Procured Parts - XCS XFL Misc Parts
DI 14380	Clean - all XCS XFL Parts	10	175	02	9120535	09/20/10	10/01/10	SL_MFPC	3,999.98											▲ Clean - all XCS XFL Parts
DI 14400	In-House Assembly - XCS XFL Parts	30	175	02	9120535	10/04/10	11/12/10	SL_AT, SL_MF	15,636.36											▲ In-House Assembly - XCS XFL Parts
DI 14420	Inspect & Fiducialize - XCS XFL Parts	10	175	02	9120535	11/15/10	11/30/10	SL_MES	1,792.80											▲ Inspect & Fiducialize - XCS XFL Parts
DI 14440	Vacuum Process - XCS XFL Parts	10	175	02	9120535	12/01/10	12/14/10	SL_AT	4,184.40											▲ Vacuum Process - XCS XFL Parts
<b>9120536 Testing - X-ray Focusing Lenses</b>																				
DI 09805	REQD: XPP XFL Controls HW/SW	0	260	02	9120536		01/10/11		0.00											◆ REQD: XPP XFL Controls HW/SW
DI 09820	Testing - XPP XFL	30	260	02	9120536	01/11/11	02/21/11	SL_AT, SL_CT	2,226.48											▲ Testing - XPP XFL
DI 09840	AVAIL: XPP XFL Ready for Installation	0	260	02	9120536		02/21/11		0.00											◆ AVAIL: XPP XFL Ready for Installation
DI 14445	REQD: XCS XFL Controls HW/SW	0	335	02	9120536		04/30/10		0.00											◆ REQD: XCS XFL Controls HW/SW
DI 14460	Testing - XCS XFL	30	175	02	9120536	12/15/10	02/08/11	SL_CT, SL_AT	2,226.48											▲ Testing - XCS XFL

Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY08												FY09												FY10												FY11												FY12												
DI 14480	AVAIL: XCS XFL Ready for Installation	0	175	02	9120536		02/08/11		0.00	◆ AVAIL: XCS XFL Ready for Installation																																																												
<b>1.5.03.03 Slit System</b>																																																																						
<b>01 MIE Funds</b>																																																																						
<b>9110537 Design &amp; Engr - Slits</b>																																																																						
DI 06460	START: Slit System (Slit)	0		01	9110537	10/01/07A			0.00	◆ START: Slit System (Slit)																																																												
DI 06480	Generate PRD - Slit	50		01	9110537	10/01/07A	01/18/08A	HIST_LBR	31,850.00	■ Generate PRD - Slit																																																												
DI 06500	COMP: PRD Released - Slit	0		01	9110537		01/18/08A		0.00	◆ COMP: PRD Released - Slit																																																												
DI 06520	Generate ESD - Slit	50		01	9110537	12/17/07A	03/31/08A		0.00	■ Generate ESD - Slit																																																												
DI 06530	Update Engr Spec Doc - Slit	20		01	9110537	04/15/08A	08/15/08A	SL_MEE	0.00	■ Update Engr Spec Doc - Slit																																																												
DI 06540	COMP: ESD Released - Slit	0		01	9110537		09/30/08A		0.00	◆ COMP: ESD Released - Slit																																																												
DI 06541	Apr08 through Sep08 Plan Adjustment	21		01	9110537	09/01/08A	09/30/08A	HIST_LBR	39,487.00	■ Apr08 through Sep08 Plan Adjustment																																																												
DI 06560	Prelim Design & Analysis - Slit	60		01	9110537	07/09/08A	02/02/09A	SL_MDD, SL_MEE	0.00	■ Prelim Design & Analysis - Slit																																																												
DI 06620	Prep for PDR - Slits	10		01	9110537	02/03/09A	02/09/09A	SL_MEE, SL_MDD	5,475.80	■ Prep for PDR - Slits																																																												
DI 06640	PDR - Prelim Design Review - Primary Slit	1		01	9110537	02/10/09A	02/10/09A	SL_MDD, SL_MEE	806.84	■ PDR - Prelim Design Review - Primary Slit																																																												
DI 06700	Finalize Design - Slit	45	29	01	9110537	02/18/09A	05/01/09	SL_MDD, SL_MEE	23,050.40	■ Finalize Design - Slit																																																												
<b>9110538 Procurement - Slits</b>																																																																						
DI 41000	Procure Preps - XPP/CXI/XCS Slit Lng Lead Parts	55	74	01	9110538	03/02/09	05/15/09		0.00	■ Procure Preps - XPP/CXI/XCS Slit Lng Lead Parts																																																												
DI 41040	AWARD: PO - XPP/CXI/XCS Slits Long Lead Parts	1	74	01	9110538	05/18/09	05/18/09	AWARD	328,818.49	■ AWARD: PO - XPP/CXI/XCS Slits Long Lead Parts																																																												
DI 41060	Vendor Fab - XPP Slits Long Lead Parts	100	74	01	9110538	05/19/09	10/05/09	SL_MSEG	76,306.69	■ Vendor Fab - XPP Slits Long Lead Parts																																																												
DI 41065	RCV: XPP Slit Long Lead Parts	0	74	01	9110538		10/05/09		0.00	◆ RCV: XPP Slit Long Lead Parts																																																												
DI 41230	Vendor Fab - CXI Slits Long Lead Parts	80	111	01	9110538	10/06/09	02/10/10	SL_MSEG	103,066.04	■ Vendor Fab - CXI Slits Long Lead Parts																																																												
DI 41250	RCV: CXI Slit Long Lead Parts	0	111	01	9110538		02/10/10		0.00	◆ RCV: CXI Slit Long Lead Parts																																																												
DI 42115	Vendor Fab - XCS Slits Long Lead Parts	80	276	01	9110538	02/11/10	06/02/10	SL_MSEG	154,599.06	■ Vendor Fab - XCS Slits Long Lead Parts																																																												
DI 42117	RCV: XCS Slit Long Lead Parts	0	276	01	9110538		06/02/10		0.00	◆ RCV: XCS Slit Long Lead Parts																																																												
<b>02 ARRA Funds</b>																																																																						
<b>9120537 Design &amp; Engr - Slits</b>																																																																						
DI 06720	Detail Piece Part Drawings & Spec - Slit	40	29	02	9120537	05/18/09	07/10/09	SL_MDD	8,642.00	■ Detail Piece Part Drawings & Spec - Slit																																																												
DI 06730	Check & Release Dwgs - Slit	15	29	02	9120537	07/13/09	07/31/09	SL_MDD	5,185.20	■ Check & Release Dwgs - Slit																																																												
DI 06735	COMP: Final Design & Detail Dwgs - Primary Slit	0	29	02	9120537		07/31/09		0.00	◆ COMP: Final Design & Detail Dwgs - Primary Slit																																																												
DI 06740	Prep for FDR - Slits	10	48	02	9120537	05/04/09	05/15/09	SL_MEE, SL_MDD	5,475.80	■ Prep for FDR - Slits																																																												
DI 06760	FDR - Final Design Review - Slits	1	48	02	9120537	05/18/09	05/18/09	SL_MEE, SL_MDD	806.84	■ FDR - Final Design Review - Slits																																																												
DI 06780	Incorp FDR Changes - Slit	20	48	02	9120537	05/19/09	06/15/09	SL_MEE	9,223.20	■ Incorp FDR Changes - Slit																																																												
DI 06786	Generate Mfg Docs - Slit	20	79	02	9120537	08/03/09	08/28/09	SL_MEE	9,223.20	■ Generate Mfg Docs - Slit																																																												

Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY08				FY09				FY10				FY11				FY12			
DI 06787	Prep for Design Status Review - Slit	10	79	02	9120537	08/31/09	09/11/09	SL_MDD, SL_MEE	5,475.80									▲ Prep for Design Status Review - Slit											
DI 06788	Design Status Review - Slits	1	79	02	9120537	09/14/09	09/14/09	SL_MEE, SL_MD	827.60									▲ Design Status Review - Slits											
DI 06830	COMP: Design Phase Complete - Slit	0	79	02	9120537		09/14/09		0.00									◆ COMP: Design Phase Complete - Slit											
<b>9120538 Procurement - Slits</b>																													
DI 41070	Procure Preps - XPP/CXI/XCS Slit Other Parts	30	29	02	9120538	08/03/09	09/11/09		0.00									▲ Procure Preps - XPP/CXI/XCS Slit Other Parts											
DI 41075	AWARD: PO - XPP/CXI/XCS Slits Other Parts	1	29	02	9120538	09/14/09	09/14/09	AWARD	53,490.84									▲ AWARD: PO - XPP/CXI/XCS Slits Other Parts											
DI 41080	Vendor Fab - XPP Slits Other Parts	50	29	02	9120538	09/15/09	11/23/09	SL_MSEG	16,432.84									▲ Vendor Fab - XPP Slits Other Parts											
DI 41110	RCV: XPP Slit All Other Parts	0	29	02	9120538		11/23/09		0.00									◆ RCV: XPP Slit All Other Parts											
DI 41310	Vendor Fab - CXI Slits Other Parts	50	106	02	9120538	11/24/09	02/17/10	SL_MSEG	12,089.67									▲ Vendor Fab - CXI Slits Other Parts											
DI 41330	RCV: CXI Slit All Other Parts	0	106	02	9120538		02/17/10		0.00									◆ RCV: CXI Slit All Other Parts											
DI 42140	Vendor Fab - XCS Slits Other Parts	50	301	02	9120538	02/18/10	04/28/10	SL_MSEG	25,968.16									▲ Vendor Fab - XCS Slits Other Parts											
DI 42150	RCV: XCS Slit All Other Parts	0	301	02	9120538		04/28/10		0.00									◆ RCV: XCS Slit All Other Parts											
<b>9120539 Fab &amp; Assembly - Slits</b>																													
DI 41090	In-House Fab & Machine - XPP Slit Parts	30	29	02	9120539	11/24/09	01/20/10	SL_MF	2,479.00									▲ In-House Fab & Machine - XPP Slit Parts											
DI 41130	Inspect Procured Parts - XPP Slit Misc	20	39	02	9120539	11/24/09	01/06/10	SL_AT	4,023.60									▲ Inspect Procured Parts - XPP Slit Misc											
DI 41140	Clean - all XPP Slit Parts	10	29	02	9120539	01/21/10	02/03/10	SL_MFPC	7,148.52									▲ Clean - all XPP Slit Parts											
DI 41150	In-House Assembly - XPP Slit Parts	20	29	02	9120539	02/04/10	03/03/10	SL_AT, SL_MF	21,374.69									▲ In-House Assembly - XPP Slit Parts											
DI 41160	Inspect & Fiducialize - XPP Slit Parts	8	29	02	9120539	03/04/10	03/15/10	SL_MES	1,379.20									▲ Inspect & Fiducialize - XPP Slit Parts											
DI 41170	Vacuum Process - XPP Slit Parts	8	29	02	9120539	03/16/10	03/25/10	SL_AT	4,023.60									▲ Vacuum Process - XPP Slit Parts											
DI 41350	Inspect Procured Parts - CXI Slit Long Lead	10	106	02	9120539	02/18/10	03/03/10	SL_MES	3,448.00									▲ Inspect Procured Parts - CXI Slit Long Lead											
DI 41370	Clean - all CXI Slit Parts	10	106	02	9120539	03/04/10	03/17/10	SL_MFPC	7,942.80									▲ Clean - all CXI Slit Parts											
DI 41390	In-House Assembly - CXI Slit Parts	20	106	02	9120539	03/18/10	04/14/10	SL_AT, SL_MF	5,575.84									▲ In-House Assembly - CXI Slit Parts											
DI 41410	Inspect & Fiducialize - CXI Slit Parts	8	106	02	9120539	04/15/10	04/26/10	SL_MES	1,379.20									▲ Inspect & Fiducialize - CXI Slit Parts											
DI 41430	Vacuum Process - CXI Slit Parts	8	106	02	9120539	04/27/10	05/06/10	SL_AT	4,023.60									▲ Vacuum Process - CXI Slit Parts											
DI 42180	Inspect Procured Parts - XCS Slit Long Lead	10	276	02	9120539	06/03/10	06/16/10	SL_MES	6,896.00									▲ Inspect Procured Parts - XCS Slit Long Lead											
DI 42190	Clean - all XCS Slit Parts	10	276	02	9120539	06/17/10	06/30/10	SL_MFPC	15,091.32									▲ Clean - all XCS Slit Parts											
DI 42200	In-House Assembly - XCS Slit Parts	20	276	02	9120539	07/01/10	07/28/10	SL_MF, SL_AT	26,950.53									▲ In-House Assembly - XCS Slit Parts											
DI 42210	Inspect & Fiducialize - XCS Slit Parts	8	276	02	9120539	07/29/10	08/09/10	SL_MES	2,758.40									▲ Inspect & Fiducialize - XCS Slit Parts											
DI 42220	Vacuum Process - XCS Slit Parts	8	276	02	9120539	08/10/10	08/19/10	SL_AT	4,023.60									▲ Vacuum Process - XCS Slit Parts											
<b>9120540 Testing - Slits</b>																													
DI 12430	REQD: XPP Slit Controls HW/SW	0	84	02	9120540		01/07/10		0.00									◆ REQD: XPP Slit Controls HW/SW											
DI 12435	Testing - XPP Slit	15	29	02	9120540	03/26/10	04/15/10	SL_CT, SL_AT	2,140.96									▲ Testing - XPP Slit											
DI 12445	AVAIL: XPP Slit Ready For Installation	0	29	02	9120540		04/15/10		0.00									◆ AVAIL: XPP Slit Ready For Installation											

Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY08		FY09		FY10		FY11		FY12		
DI 12450	REQD: XCS Slit Controls HW/SW	0	163	02	9120540		02/10/11		0.00											◆ REQD: XCS Slit Controls HW/SW
DI 12455	Testing - XCS Slit	10	163	02	9120540	02/11/11	02/24/11	SL_CT, SL_AT	2,226.48											▲ Testing - XCS Slit
DI 12460	AVAIL: XCS Slit Ready For Installation	0	163	02	9120540		02/24/11		0.00											◆ AVAIL: XCS Slit Ready For Installation
DI 12465	REQD: CXI Slit Controls HW/SW	0	112	02	9120540		04/28/10		0.00											◆ REQD: CXI Slit Controls HW/SW
DI 12485	Testing - CXI Slit	10	106	02	9120540	05/07/10	05/20/10	SL_CT, SL_AT	2,140.96											▲ Testing - CXI Slit
DI 12505	AVAIL: CXI Slit Ready for Installation	0	106	02	9120540		05/20/10		0.00											◆ AVAIL: CXI Slit Ready for Installation
<b>1.5.03.04 Attenuators / Filters</b>																				
<b>01 MIE Funds</b>																				
<b>9110545 Design &amp; Engr - Attenuators / Filters</b>																				
DI 06860	START: Attenuators/Filters (ATT)	0		01	9110545	10/01/07A			0.00	◆	START: Attenuators/Filters (ATT)									
DI 06880	Generate PRD - ATT	70		01	9110545	10/01/07A	01/18/08A		0.00	■	Generate PRD - ATT									
DI 06900	COMP: PRD Released - ATT	0		01	9110545		01/18/08A		0.00	◆	COMP: PRD Released - ATT									
DI 06910	Generate ESD - Attenuators	20		01	9110545	04/01/08A	09/15/08A	SL_MEE	0.00	■	Generate ESD - Attenuators									
DI 06940	COMP: ESD Released - ATT	0		01	9110545		09/15/08A		0.00	◆	COMP: ESD Released - ATT									
DI 06941	Apr08 through Sep08 Plan Adjustment	21		01	9110545	09/01/08A	09/30/08A	HIST_LBR	24,794.46	■	Apr08 through Sep08 Plan Adjustment									
DI 06950	Conceptual Design - ATT	20		01	9110545	10/15/08A	11/26/08A	SL_MEE	9,223.20	■	Conceptual Design - ATT									
DI 06960	Prelim Design & Analysis - ATT	60		01	9110545	10/29/08A	01/23/09A	SL_MEE, SL_MDD	16,998.15	■	Prelim Design & Analysis - ATT									
DI 06970	Prep for PDR - ATT	10		01	9110545	11/10/08A	12/01/08A	SL_MDD, SL_MEE	5,475.80	■	Prep for PDR - ATT									
DI 06980	PDR - Prelim Design Review - ATT	1		01	9110545	11/24/08A	12/03/08A	SL_MEE, SL_MDD	806.84	■	PDR - Prelim Design Review - ATT									
DI 07020	Finalize Design - ATT	30	57	01	9110545	02/02/09A	04/10/09	SL_MDD, SL_MEE	9,795.85	▲	Finalize Design - ATT									
DI 07050	Prep for FDR - ATT	10	64	01	9110545	02/27/09A	03/12/09	SL_MDD, SL_MEE	5,475.80	▲	Prep for FDR - ATT									
DI 07070	FDR - Final Design Review - Attenuator	1	64	01	9110545	03/13/09	03/13/09	SL_MEE, SL_MDD	806.84	▲	FDR - Final Design Review - Attenuator									
DI 07155	Prelim Design & Analysis - ATT Support	20		01	9110545	11/03/08A	02/09/09A	SL_MEE, SL_MDD	4,610.08	■	Prelim Design & Analysis - ATT Support									
DI 07160	Finalize Design - ATT Support	20	55	01	9110545	02/02/09A	03/27/09	SL_MDD, SL_MEE	2,305.04	▲	Finalize Design - ATT Support									
<b>02 ARRA Funds</b>																				
<b>9120545 Design &amp; Engr - Attenuators / Filters</b>																				
DI 07030	Detail Piece Part Drawings - ATT	30	57	02	9120545	04/01/09	05/12/09	SL_MEE, SL_MDD	13,684.75	▲	Detail Piece Part Drawings - ATT									
DI 07040	Check & Release Dwgs - ATT	20	67	02	9120545	05/13/09	06/09/09	SL_MDD	6,481.50	▲	Check & Release Dwgs - ATT									
DI 07045	COMP: Piece Part Drawings Complete - ATT	0	123	02	9120545		06/25/09		0.00	◆	COMP: Piece Part Drawings Complete - ATT									
DI 07080	Incorp FDR Changes - Attenuator	20	64	02	9120545	04/06/09	05/01/09	SL_MEE	9,223.20	▲	Incorp FDR Changes - Attenuator									
DI 07100	Detail Assembly Drawings - ATT	10	57	02	9120545	05/13/09	05/26/09	SL_MEE, SL_MDD	4,033.25	▲	Detail Assembly Drawings - ATT									
DI 07140	Generate Mfg Docs - ATT	20	150	02	9120545	05/27/09	06/23/09	SL_MEE	4,611.60	▲	Generate Mfg Docs - ATT									
DI 07165	Detail Piece Part Drawings - ATT Support	40	55	02	9120545	04/03/09	05/28/09	SL_MEE, SL_MDD	2,736.95	▲	Detail Piece Part Drawings - ATT Support									

Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY08		FY09		FY10		FY11		FY12		
DI 07170	Check & Release Dwgs - ATT Support	20	55	02	9120545	05/29/09	06/25/09	SL_MDD	1,296.30					▲ Check & Release Dwgs - ATT Support						
DI 07175	Prep for Design Status Review - ATT Support	10	572	02	9120545	06/26/09	07/09/09	SL_MEE, SL_MDD	5,475.80					▲ Prep for Design Status Review - ATT Support						
DI 07180	Design Status Review - ATT	1	572	02	9120545	07/10/09	07/10/09	SL_MEE, SL_MD	827.60					▲ Design Status Review - ATT						
DI 07190	COMP: Design Phase - ATT	0	572	02	9120545		07/10/09		0.00					◆ COMP: Design Phase - ATT						
<b>9120546 Procurement - Attenuators / Filters</b>																				
DI 10020	Procurement Preps - XPP Attenuator Parts	30	123	02	9120546	06/26/09	08/06/09		0.00					▲ Procurement Preps - XPP Attenuator Parts						
DI 10025	AWARD: PO - XPP Attenuator Parts	1	492	02	9120546	08/07/09	08/07/09	AWARD	47,791.55					▲ AWARD: PO - XPP Attenuator Parts						
DI 10030	Vendor Fab - XPP Attenuator Parts	60	492	02	9120546	08/10/09	10/30/09	SL_MSEQ	48,684.85					▲ Vendor Fab - XPP Attenuator Parts						
DI 10035	RCV: XPP Attenuator Parts	0	492	02	9120546		10/30/09		0.00					◆ RCV: XPP Attenuator Parts						
DI 12560	Procurement Preps - CXI/XCS Attenuator Parts	30	123	02	9120546	08/07/09	09/17/09		0.00					▲ Procurement Preps - CXI/XCS Attenuator Parts						
DI 12580	AWARD: PO - CXI/XCS Attenuator Parts	1	49	02	9120546	01/18/10	01/18/10	AWARD	97,369.70					▲ AWARD: PO - CXI/XCS Attenuator Parts						
DI 12600	Vendor Fab - CXI Attenuator Parts	60	49	02	9120546	01/19/10	04/12/10	SL_MSEQ	48,684.85					▲ Vendor Fab - CXI Attenuator Parts						
DI 12620	RCV: CXI Attenuator Parts	0	49	02	9120546		04/12/10		0.00					◆ RCV: CXI Attenuator Parts						
DI 14620	Vendor Fab - XCS Attenuator Parts	60	234	02	9120546	04/13/10	07/05/10	SL_MSEQ	48,684.85					▲ Vendor Fab - XCS Attenuator Parts						
DI 14640	RCV: XCS Attenuator Parts	0	234	02	9120546		07/05/10		0.00					◆ RCV: XCS Attenuator Parts						
<b>9120547 Fab &amp; Assembly - Attenuators / Filters</b>																				
DI 10045	Inspect Procured Parts - XPP ATT Parts	10	492	02	9120547	11/02/09	11/13/09	SL_AT	2,202.92					▲ Inspect Procured Parts - XPP ATT Parts						
DI 10050	Clean - all XPP ATT Parts	10	492	02	9120547	11/16/09	12/01/09	SL_MFPC	3,971.40					▲ Clean - all XPP ATT Parts						
DI 10155	In-House Assembly - XPP ATT Parts	30	492	02	9120547	12/02/09	01/26/10	SL_MF, SL_AT	10,249.70					▲ In-House Assembly - XPP ATT Parts						
DI 10160	Inspect & Fiducialize - XPP ATT	10	492	02	9120547	01/27/10	02/09/10	SL_MES	862.00					▲ Inspect & Fiducialize - XPP ATT						
DI 10165	Vacuum Process - XPP ATT Parts	10	492	02	9120547	02/10/10	02/23/10	SL_AT	4,023.60					▲ Vacuum Process - XPP ATT Parts						
DI 12660	Inspect Procured Parts - CXI ATT Parts	10	49	02	9120547	04/13/10	04/26/10	SL_AT	2,202.92					▲ Inspect Procured Parts - CXI ATT Parts						
DI 12680	Clean - all CXI ATT Parts	10	49	02	9120547	04/27/10	05/10/10	SL_MFPC	3,971.40					▲ Clean - all CXI ATT Parts						
DI 12700	In-House Assembly - CXI ATT Parts	30	49	02	9120547	05/11/10	06/21/10	SL_MF, SL_AT	10,249.70					▲ In-House Assembly - CXI ATT Parts						
DI 12720	Inspect & Fiducialize - CXI ATT	10	49	02	9120547	06/22/10	07/05/10	SL_MES	862.00					▲ Inspect & Fiducialize - CXI ATT						
DI 12740	Vacuum Process - CXI ATT Parts	10	49	02	9120547	07/06/10	07/19/10	SL_AT	4,023.60					▲ Vacuum Process - CXI ATT Parts						
DI 14680	Inspect Procured Parts - XCS ATT Parts	10	234	02	9120547	07/06/10	07/19/10	SL_AT	2,202.92					▲ Inspect Procured Parts - XCS ATT Parts						
DI 14700	Clean - all XCS ATT Parts	10	234	02	9120547	07/20/10	08/02/10	SL_MFPC	3,971.40					▲ Clean - all XCS ATT Parts						
DI 14720	In-House Assembly - XCS ATT Parts	30	234	02	9120547	08/03/10	09/13/10	SL_AT, SL_MF	10,249.70					▲ In-House Assembly - XCS ATT Parts						
DI 14740	Inspect & Fiducialize - XCS ATT	10	234	02	9120547	09/14/10	09/27/10	SL_MES	862.00					▲ Inspect & Fiducialize - XCS ATT						
DI 14760	Vacuum Process - XCS ATT Parts	10	234	02	9120547	09/28/10	10/11/10	SL_AT	4,166.71					▲ Vacuum Process - XCS ATT Parts						
<b>9120548 Testing - Attenuators / Filters</b>																				
DI 10170	REQD: XPP ATT Controls HW/SW	0	425	02	9120548		05/27/10		0.00					◆ REQD: XPP ATT Controls HW/SW						







Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY08		FY09		FY10		FY11		FY12		
<b>9120553 Fab &amp; Assembly - Pulse Picker</b>																				
DI 12940	In-House Fab & Machine-XPP Pulse Picker Parts	55	68	02	9120553	11/02/09	02/02/10	SL_MF	17,105.10											
DI 13080	Inspect Procured Parts - XPP Pulse Picker	10	73	02	9120553	01/13/10	01/26/10	SL_AT	1,408.26											
DI 13100	Clean - XPP Pulse Picker Parts	10	68	02	9120553	02/03/10	02/16/10	SL_MFPC	794.28											
DI 13156	In-House Assembly - XPP Pulse Picker Parts	15	68	02	9120553	02/17/10	03/09/10	SL_MF, SL_AT	8,468.64											
DI 13158	Inspect & Fiducialize - XPP Pulse Picker Parts	3	68	02	9120553	03/10/10	03/12/10	SL_MES	689.60											
DI 13160	Vacuum Process - XPP Pulse Picker Parts	15	68	02	9120553	03/15/10	04/02/10	SL_AT	5,230.68											
DI 16100	In-House Fab & Machine- CXI Pulse Picker Parts	55	41	02	9120553	03/16/10	05/31/10	SL_MF	17,105.10											
DI 16105	Inspect Procured Parts - CXI Pulse Picker	10	41	02	9120553	05/18/10	05/31/10	SL_AT	1,408.26											
DI 16110	Clean - all CXI Pulse Picker Parts	10	41	02	9120553	06/01/10	06/14/10	SL_MFPC	794.28											
DI 16115	In-House Assembly - CXI Pulse Picker Parts	15	41	02	9120553	06/15/10	07/05/10	SL_AT, SL_MF	8,468.64											
DI 16120	Inspect & Fiducialize - CXI Pulse Picker Parts	3	41	02	9120553	07/06/10	07/08/10	SL_MES	689.60											
DI 16125	Vacuum Process - CXI Pulse Picker Parts	15	41	02	9120553	07/09/10	07/29/10	SL_AT	5,230.68											
DI 16130	In-House Fab & Machine- XCS Pulse Picker Parts	55	340	02	9120553	05/11/10	07/26/10	SL_MF	17,105.10											
DI 16135	Inspect Procured Parts - XCS Pulse Picker	10	325	02	9120553	08/03/10	08/16/10	SL_AT	1,408.26											
DI 16140	Clean - XCS Pulse Picker Parts	10	325	02	9120553	08/17/10	08/30/10	SL_MFPC	794.28											
DI 16145	In-House Assembly - XCS Pulse Picker Parts	15	325	02	9120553	08/31/10	09/20/10	SL_MF, SL_AT	8,468.64											
DI 16150	Inspect & Fiducialize - XCS Pulse Picker Parts	3	325	02	9120553	09/21/10	09/23/10	SL_MES	689.60											
DI 16155	Vacuum Process - XCS Pulse Picker Parts	15	325	02	9120553	09/24/10	10/14/10	SL_AT	5,411.85											
<b>9120554 Testing - Pulse Picker</b>																				
DI 13230	REQD: XPP Pulse Picker Controls HW/SW	0	159	02	9120554		11/10/09		0.00											
DI 13235	Testing - XPP Pulse Picker	15	68	02	9120554	04/05/10	04/23/10	SL_AT, SL_CT	2,140.96											
DI 13240	AVAIL: XPP Pulse Picker Ready For Installation	0	68	02	9120554		04/23/10		0.00											
DI 16160	REQD: CXI Pulse Picker Controls HW/SW	0	106	02	9120554		04/29/10		0.00											
DI 16165	Testing - CXI Pulse Picker	15	41	02	9120554	07/30/10	08/19/10	SL_CT, SL_AT	2,140.96											
DI 16170	AVAIL: CXI Pulse Picker Ready For Installation	0	41	02	9120554		08/19/10		0.00											
DI 16175	REQD: XCS Pulse Picker Controls HW/SW	0	422	02	9120554		06/01/10		0.00											
DI 16180	Testing - XCS Pulse Picker	15	325	02	9120554	10/15/10	11/04/10	SL_CT, SL_AT	2,226.48											
DI 16185	AVAIL: XCS Pulse Picker Ready For Installation	0	325	02	9120554		11/04/10		0.00											
<b>1.5.03.06 Harmonic Rejection Mirrors</b>																				
<b>01 MIE Funds</b>																				
<b>9110561 Design &amp; Engr - Harmonic Rejection Mirrors</b>																				
DI 07800	START: Harmonic Rejection Mirrors (HRM)	0		01	9110561	10/01/07A			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	
DI 07820	Generate PRD - HRM	80		01	9110561	10/01/07A	01/18/08A		0.00	■	■								
DI 07840	COMP: PRD Released - HRM	0		01	9110561		01/18/08A		0.00	◆									
DI 07860	Generate ESD - HRM	80		01	9110561	09/01/08A	09/30/08A	SL_MEE	0.00	■	■								
DI 07880	COMP: ESD Released - HRM	0		01	9110561		09/30/08A		0.00	◆									
DI 07881	Apr08 through Sep08 Plan Adjustment	21		01	9110561	09/01/08A	09/30/08A	HIST_LBR	9,052.25	■	■								
DI 07890	Conceptual Design - HRM	30	55	01	9110561	09/30/08A	03/10/09	SL_MDD, SL_MEE	14,979.13	■	■								
DI 07900	Prelim Design & Analysis - HRM	80	-18	01	9110561	10/13/08A	06/19/09	SL_MEE, SL_MDD	29,964.00	■	■								
DI 07910	Prep for PDR - HRM	10	-18	01	9110561	06/22/09	07/03/09	SL_MEE, SL_MDD	5,475.80			▲							
DI 07920	PDR - Prelim Design Review - HRM	1	-18	01	9110561	07/06/09	07/06/09	SL_MEE, SL_MDD	806.84			▲							
<b>02 ARRA Funds</b>																			
<b>9120561 Design &amp; Engr - Harmonic Rejection Mirrors</b>																			
DI 07940	Finalize Design - HRM	80	154	02	9120561	07/07/09	10/26/09	SL_MEE, SL_MDD	18,723.09			▲							
DI 07960	Detail Piece Part Drawings - HRM	40	180	02	9120561	10/06/09	12/02/09	SL_MEE, SL_MDD	17,079.30			▲							
DI 07970	Check & Release Dwgs - HRM	20	174	02	9120561	12/11/09	01/21/10	SL_MDD	8,089.20			▲							
DI 07975	COMP: Piece Part Drawings Complete - HRM	0	174	02	9120561		01/21/10		0.00			◆							
DI 07980	Prep for FDR - HRM	10	154	02	9120561	10/27/09	11/09/09	SL_MDD, SL_MEE	5,695.20			▲							
DI 07990	FDR - Final Design Review - HRM	1	154	02	9120561	11/10/09	11/10/09	SL_MDD, SL_MEE	839.16			▲							
DI 08000	Incorp FDR Changes - HRM	20	154	02	9120561	11/11/09	12/10/09	SL_MDD	7,190.40			▲							
DI 08020	Generate Assembly Drawings - HRM	10	174	02	9120561	01/22/10	02/04/10	SL_MDD	3,595.20			▲							
DI 08060	Generate Mfg Docs - HRM	20	174	02	9120561	02/05/10	03/04/10	SL_MEE	9,592.80			▲							
DI 08070	Prep for Design Status Review - HRM	10	174	02	9120561	03/05/10	03/18/10	SL_MEE, SL_MDD	5,695.20			▲							
DI 08100	Design Status Review - HRM	1	174	02	9120561	03/19/10	03/19/10	SL_MDD, SL_MEE	839.16			▲							
DI 08120	COMP: Design Phase Complete - HRM	0	399	02	9120561		03/19/10		0.00			◆							
<b>9120562 Procurement - Harmonic Rejection Mirrors</b>																			
DI 10440	Procurement Preps - XPP HRM Long Lead Parts	30	281	02	9120562	07/07/09	08/17/09		0.00			▲							
DI 10445	AWARD: PO - XPP HRM Long Lead Parts	1	420	02	9120562	08/18/09	08/18/09	AWARD	47,080.00			▲							
DI 10450	Vendor Fab - XPP HRM Long Lead Parts	120	420	02	9120562	08/19/09	02/18/10	SL_MSEQ	47,960.00			▲							
DI 10455	RCV: XPP HRM Long Lead Parts	0	420	02	9120562		02/18/10		0.00			◆							
DI 10460	Procurement Preps - XPP Other HRM	30	174	02	9120562	03/22/10	04/30/10		0.00			▲							
DI 10465	AWARD: PO - XPP HRM Other Parts	1	313	02	9120562	05/03/10	05/03/10	AWARD	44,658.39			▲							
DI 10470	Vendor Fab - XPP HRM Other Parts	60	313	02	9120562	05/04/10	07/26/10	SL_MSEQ	44,658.39			▲							
DI 10475	RCV: XPP HRM Other Parts	0	313	02	9120562		07/26/10		0.00			◆							
DI 14820	Procurement Preps - XCS HRM Long Lead Parts	30	281	02	9120562	08/18/09	09/28/09		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	
DI 14840	AWARD: PO - XCS HRM Long Lead Parts	1	214	02	9120562	01/18/10	01/18/10	AWARD	47,960.00					▲AWARD: PO - XCS HRM Long Lead Parts					
DI 14860	Vendor Fab - XCS HRM Long Lead Parts	120	214	02	9120562	01/19/10	07/05/10	SL_MSEQ	47,960.00					▲ Vendor Fab - XCS HRM Long Lead Parts					
DI 14880	RCV: XCS HRM Long Lead Parts	0	214	02	9120562		07/05/10		0.00					◆ RCV: XCS HRM Long Lead Parts					
DI 14900	Procurement Preps - XCS HRM Other Parts	30	174	02	9120562	05/03/10	06/11/10		0.00					▲ Procurement Preps - XCS HRM Other Parts					
DI 14920	AWARD: PO - XCS HRM Other Parts	1	174	02	9120562	06/14/10	06/14/10	AWARD	44,658.39					▲AWARD: PO - XCS HRM Other Parts					
DI 14940	Vendor Fab - XCS HRM Other Parts	60	174	02	9120562	06/15/10	09/06/10	SL_MSEQ	44,658.39					▲ Vendor Fab - XCS HRM Other Parts					
DI 14960	RCV: XCS HRM Other Parts	0	174	02	9120562		09/06/10		0.00					◆ RCV: XCS HRM Other Parts					
<b>9120563 Fab &amp; Assembly - Harmonic Rejection Mirrors</b>																			
DI 10480	Inspect Procured Parts - XPP HRM Long Lead	15	399	02	9120563	03/22/10	04/09/10	SL_AT	8,047.20					▲ Inspect Procured Parts - XPP HRM Long Lead					
DI 10485	Inspect Procured Parts - XPP HRM Misc	10	313	02	9120563	07/27/10	08/09/10	SL_AT	3,289.29					▲ Inspect Procured Parts - XPP HRM Misc					
DI 10490	Clean - all XPP HRM Parts	10	313	02	9120563	08/10/10	08/23/10	SL_MFPC	6,354.24					▲ Clean - all XPP HRM Parts					
DI 10495	In-House Assembly - XPP HRM Parts	35	313	02	9120563	08/24/10	10/11/10	SL_MF, SL_AT	17,623.04					▲ In-House Assembly - XPP HRM Parts					
DI 10500	Inspect & Fiducialize - XPP HRM	10	313	02	9120563	10/12/10	10/25/10	SL_MES	717.12					▲ Inspect & Fiducialize - XPP HRM					
DI 10505	Vacuum Process - XPP HRM Parts	10	313	02	9120563	10/26/10	11/08/10	SL_AT	4,184.40					▲ Vacuum Process - XPP HRM Parts					
DI 14980	Inspect Procured Parts - XCS HRM Long Lead	15	214	02	9120563	07/06/10	07/26/10	SL_AT	8,047.20					▲ Inspect Procured Parts - XCS HRM Long Lead					
DI 15000	Inspect Procured Parts - XCS HRM Misc Parts	10	174	02	9120563	09/07/10	09/20/10	SL_AT	3,289.29					▲ Inspect Procured Parts - XCS HRM Misc Parts					
DI 15020	Clean - all XCS HRM Parts	10	174	02	9120563	09/21/10	10/04/10	SL_MFPC	6,443.17					▲ Clean - all XCS HRM Parts					
DI 15040	In-House Assembly - XCS HRM Parts	35	174	02	9120563	10/05/10	11/22/10	SL_MF, SL_AT	18,074.97					▲ In-House Assembly - XCS HRM Parts					
DI 15060	Inspect & Fiducialize - XCS HRM Parts	10	174	02	9120563	11/23/10	12/08/10	SL_MES	717.12					▲ Inspect & Fiducialize - XCS HRM Parts					
DI 15080	Vacuum Process - XCS HRM Parts	5	174	02	9120563	12/09/10	12/15/10	SL_AT	4,184.40					▲ Vacuum Process - XCS HRM Parts					
<b>9120564 Testing - Harmonic Rejection Mirrors</b>																			
DI 10510	REQD: XPP HRM Controls HW/SW	0	430	02	9120564		05/27/10		0.00					◆ REQD: XPP HRM Controls HW/SW					
DI 10515	Testing - XPP HRM	10	313	02	9120564	11/09/10	11/22/10	SL_AT, SL_CT	2,226.48					▲ Testing - XPP HRM					
DI 10520	AVAIL: XPP HRM Ready for Installation	0	313	02	9120564		11/22/10		0.00					◆ AVAIL: XPP HRM Ready for Installation					
DI 15085	REQD: XCS HRM Controls HW/SW	0	335	02	9120564		04/30/10		0.00					◆ REQD: XCS HRM Controls HW/SW					
DI 15100	Testing - XCS HRM	30	174	02	9120564	12/16/10	02/09/11	SL_AT, SL_CT	2,226.48					▲ Testing - XCS HRM					
DI 15120	AVAIL: XCS HRM Ready for Installation	0	174	02	9120564		02/09/11		0.00					◆ AVAIL: XCS HRM Ready for Installation					
<b>1.5.03.07 Channel Cut Monochromator</b>																			
<b>02 ARRA Funds</b>																			
<b>9120946 Design &amp; Engr - Channel Cut Monochromator</b>																			
DI 60290	Generate PRD - Channel Cut Monochromator	20	271	02	9120946	05/04/09	05/29/09	SL_PHSS	10,467.20					▲ Generate PRD - Channel Cut Monochromator					
DI 60310	Generate ESD - Channel Cut Monochromator	20	271	02	9120946	06/01/09	06/26/09	SL_MEE	9,223.20					▲ Generate ESD - Channel Cut Monochromator					
DI 60330	Develop ANL MOU - CC Monochromator	30	271	02	9120946	06/29/09	08/07/09	SL_MEE	9,223.20					▲ Develop ANL MOU - CC Monochromator					

Activity ID	Activity Description	Orig Dur	Total Float	PTS	WP	Early Start	Early Finish	Resource ID	Budgeted Cost	FY08		FY09		FY10		FY11		FY12		
DI 60350	Design Review - CC Monochromator	2	271	02	9120946	09/01/09	09/02/09	SL_PHSS, SL_MEE, SL_TRVL	9,938.08											▣ Design Review - CC Monochromator
DI 60390	Establish MOU - Channel Cut Monochromator	5	271	02	9120946	08/10/09	08/14/09	SL_MEE, SL_PHSS, SL_TRVL	10,922.60											▣ Establish MOU - Channel Cut Monochromator
DI 60430	Oversight & Integration - Channel Cut Mono	302	284	02	9120946	08/17/09	10/28/10	SL_MEE, SL_PHSS	20,447.20											▣ Oversight & Integration - Channel Cut Mono
<b>9120947 Subcontract - Channel Cut Monochromator</b>																				
DI 60470	Fab Coordination and Oversight - XCS CC Mono-ANL	115	391	02	9120947	09/03/09	02/26/10	AN_ME2	48,795.30											▣ Fab Coordination and Oversight - XCS CC Mono-ANL
DI 60525	SLAC Approval Process - CC Mono	5	271	02	9120947	08/17/09	08/21/09		0.00											▣ SLAC Approval Process - CC Mono
DI 60535	DOE Approval Process - CC Mono	5	271	02	9120947	08/24/09	08/28/09		0.00											▣ DOE Approval Process - CC Mono
DI 60540	AWARD: XCS Channel Cut Monochromator	1	271	02	9120947	08/31/09	08/31/09	AWARD	230,820.40											▣ AWARD: XCS Channel Cut Monochromator
DI 60575	Vendor Components -XCS Channel Cut Monochromator	40	271	02	9120947	09/03/09	10/28/09	SL_MSSY	232,977.60											▣ Vendor Components -XCS Channel Cut Monochromator
DI 60580	Vendor Parts Inspection - XCS CC Mono - ANL	20	271	02	9120947	10/29/09	11/25/09	AN_MFAT2	7,216.00											▣ Vendor Parts Inspection - XCS CC Mono - ANL
DI 60585	Vendor Parts Cleaning and Processing - ANL	10	271	02	9120947	11/30/09	12/11/09	AN_MFAT2	7,216.00											▣ Vendor Parts Cleaning and Processing - ANL
DI 60590	Monochromator Assembly - XCS CC Mono - ANL	120	271	02	9120947	12/14/09	06/11/10	AN_MFAT2	28,864.00											▣ Monochromator Assembly - XCS CC Mono - ANL
DI 60610	Monochromator Testing - XCS CC Mono - ANL	20	271	02	9120947	06/14/10	07/09/10	AN_MFAT2	7,216.00											▣ Monochromator Testing - XCS CC Mono - ANL
DI 60620	Acceptance of Vendor Fab - XCS CC Monochromator	5	271	02	9120947	07/12/10	07/16/10	AN_MFAT2, AN_MSTR2	12,672.80											▣ Acceptance of Vendor Fab - XCS CC Monochromator
DI 60630	Shipping - XCS CC Monochromator - ANL	20	271	02	9120947	07/19/10	08/13/10	AN_MSTR2	13,800.00											▣ Shipping - XCS CC Monochromator - ANL
DI 60650	XCS CC Monochromator Installation - ANL	20	271	02	9120947	08/16/10	09/10/10	AN_MFAT2	12,988.80											▣ XCS CC Monochromator Installation - ANL
DI 60670	XCS CC Monochromator Field Testing - ANL	10	271	02	9120947	09/13/10	09/24/10	AN_MFAT2	12,988.80											▣ XCS CC Monochromator Field Testing - ANL
DI 60680	AVAIL: XCS Channel Cut Monochromator	0	271	02	9120947		09/24/10		0.00											◆ AVAIL: XCS Channel Cut Monochromator