

Activity ID	Activity Name	Start	Activity % Complete	Finish	Remaining Duration	Expected Finish	BL1 Start	BL1 Finish	Original Duration	FY2011												FY2012				
										A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A
Jaski, Yifei R.																										
[5892A] - Front end undulator upgrades for the ...																										
A1030	Milestone 5: Mechanical design for both GSE ...		0%	30-Sep-10*	0			30-Sep-10	0	◆ Milestone 5: Mechanical design for both GSE undulators completed																
A1050	Milestone 6: All FE, VC, magnets, and undulat...		0%	22-Dec-11*	0			22-Dec-11	0													◆ Milestone 6: All FE, VC, magnets, and undulator components completed				
A1060	Start Work	10-Aug-09 A	100%		0		03-Aug-09		0																	
A1080	Milestone 1: At least one front end (FE) and va...		100%	17-Sep-09 A	0			30-Sep-09	0	(FE) and vacuum chamber (VC) layout and component design completed																
A1100	Milestone 2: Procurement packages for canted...		100%	02-Dec-09 A	0			23-Dec-09	0	Procurement packages for canted magnets, corrector magnets, and Sector 34 permanent magnet blacks (PMBs)																
A1110	Milestone 3: All FE design reviews completed. ...		100%	11-Mar-10 A	0			31-Mar-10	0	Milestone 3: All FE design reviews completed. Magnetic designs for both GSE undulators completed. Procurement pack																
A1130	Milestone 4: All FE/VC procurement package c...		0%	30-Jun-10*	0			30-Jun-10	0	◆ Milestone 4: All FE/VC procurement package completed																
Sector 34 ID Upgrade WP 0202A																										
A1710	Miscellaneous Purchases and Shop Service O...	26-Oct-09 A	27.01%	30-Nov-11	381	30-Nov-11	26-Oct-09	30-Nov-11	522																	
Sector 34 Vacuum Chamber																										
A1510	S 34 VC design	10-Aug-09 A	100%	17-Sep-09 A	0		10-Aug-09	28-Sep-09	35																	
A1520	Write Engineering spec and QA plan for procur...	30-Sep-09 A	100%	19-Mar-10 A	0		05-Oct-09	23-Dec-09	56																	
A1530	Procurement of vacuum chamber and end boxes	08-Feb-10 A	75%	07-Jul-10	31		04-Jan-10	24-Jun-10	123																	
A1540	Fabrication of the vacuum chamber and end b...	04-May-10 A	10%	15-Oct-10	102		05-Apr-10	13-Sep-10	113																	
A1550	Delivery of the vacuum chamber and end boxes	01-Oct-10	0%	04-Aug-11	208		30-Aug-10	30-Jun-11	208																	
Sector 34 Front End																										
A1560	34-ID FE design (Layout and ray tracing and e...	03-Aug-09 A	100%	10-Sep-09 A	0		03-Aug-09	28-Sep-09	40																	
A1570	BSDRSC deesign review for 34-ID FE	21-Jan-10 A	100%	11-Mar-10 A	0		16-Nov-09	25-Jan-10	51																	
A1580	Procurement of various FE components	05-Mar-10 A	75%	23-Jun-10	22		04-Jan-10	04-May-10	87																	
A1590	S-34 FE components fabrication	05-May-10 A	10%	07-Apr-11	202		26-Apr-10	21-Mar-11	224																	
A1600	S-34 FE components delivery	15-Mar-10 A	28%	19-Jul-11	167		26-Oct-10	30-Sep-11	232																	
Sector 34 Canted Magnets and Undulator																										
A1610	Prepare procurement package for canted mag...	31-Aug-09 A	100%	19-Oct-09 A	0		31-Aug-09	30-Nov-09	63																	
A1620	Procure canted magnet, corrector magnets	19-Oct-09 A	100%	18-Jan-10 A	0		30-Nov-09	06-Apr-10	87																	
A1630	Fabrication of canted magnets and corrector m...	25-Jan-10 A	75%	19-Jul-10	39		29-Mar-10	03-Nov-10	155																	
A1640	Delivery of the canted and corrector magnets	14-Jul-10	0%	03-Dec-10	99		01-Nov-10	30-Mar-11	99																	
A1650	Prepare procurement package for 34-ID perma...	26-Oct-09 A	100%	02-Dec-09 A	0		05-Oct-09	15-Dec-09	50																	
A1660	Fabricate 34-ID undulator PBMs	01-Jul-10 A	8.89%	17-Sep-10	82	17-Sep-10	01-Mar-10	06-Jul-10	90																	
A1670	Delivery of 34-ID undulator PBMs	01-Mar-11*	0%	22-Jul-11	102		02-Aug-10	04-Jan-11	102																	
A1680	Prepare procurement package for 34-ID undul...	19-Apr-10 A	20%	30-Aug-10	69		04-Jan-10	04-May-10	86																	
A1690	Fabricate 34-ID undulator support	27-Sep-10	0%	16-Mar-11	114		28-May-10	09-Nov-10	114																	
A1700	Delivery 34-ID undulator support	09-Mar-11	0%	06-Jun-11	63		01-Nov-10	08-Feb-11	63																	
HP-CAT WP 0200A																										
A1720	Miscellaneous Purchases and Shop Service O...	26-Oct-09 A	26.89%	30-Nov-11	381	30-Nov-11	26-Oct-09	30-Nov-11	521																	
HP-CAT Vacuum Chamber																										
A1150	S 16 VC Design	05-Oct-09 A	100%	04-Dec-09 A	0		05-Oct-09	21-Dec-09	54																	
A1160	Write Engineering spec and QA plan for procur...	05-Oct-09 A	100%	19-Mar-10 A	0		05-Oct-09	22-Dec-09	54																	
A1170	Procurement of vacuum chamber and end boxes	08-Feb-10 A	75%	07-Jul-10	31		04-Jan-10	24-Jun-10	122																	
A1180	Fabrication of the vacuum chamber and end b...	04-May-10 A	10%	13-Oct-10	100		05-Apr-10	09-Sep-10	111																	
A1190	Delivery of the vacuum chamber and end boxes	06-Oct-10	0%	03-Aug-11	204		02-Sep-10	29-Jun-11	204																	
HP CAT Front End																										
A1200	16-ID FE design (Layout and ray tracing and e...	21-Sep-09 A	100%	29-Oct-09 A	0		21-Sep-09	16-Nov-09	41																	
A1210	BSDRSC design review for 16-ID FE	21-Jan-10 A	100%	11-Mar-10 A	0		17-Nov-09	26-Jan-10	51																	
A1220	Procurement of various FE components	03-Mar-10 A	75%	23-Jun-10	22		23-Dec-09	03-May-10	87																	

█ Remaining Level of Effort
 █ Primary Baseline
 █ Remaining Work
 ◆ Baseline Milestone
█ Actual Level of Effort
 █ Actual Work
 █ Critical Remaining Work
 ◆ Milestone

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										A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J		
A1230	S-16 FE components fabrication	05-May-10 A	10%	13-Apr-11	205		26-Apr-10	25-Mar-11	228																								
A1240	S-16 FE components delivery	15-Mar-10 A	28%	18-Jul-11	170		20-Oct-10	30-Sep-11	236																								
HP-CAT Canted Magnets and Undulator																																	
A1250	Prepare procurement package for canted mag...	31-Aug-09 A	100%	19-Oct-09 A	0		31-Aug-09	02-Dec-09	65																								
A1260	Procure canted magnet, corrector magnets	19-Oct-09 A	100%	18-Jan-10 A	0		30-Nov-09	07-Apr-10	86																								
A1270	Fabrication of canted magnets and corrector m...	25-Jan-10 A	75%	20-Jul-10	39		29-Mar-10	05-Nov-10	157																								
A1280	Delivery of the canted and corrector magnets	13-Jul-10	0%	03-Dec-10	100		01-Nov-10	31-Mar-11	100																								
A1290	Prepare procurement package for 16-ID perma...	02-Nov-09 A	100%	02-Dec-09 A	0		02-Nov-09	11-Feb-10	65																								
A1300	Fabricate 16-ID undulator	15-Jun-10*	0%	21-Feb-11	169		01-Mar-10	06-Jan-11	169																								
A1310	Delivery of 16-ID undulator	17-Feb-11	0%	26-Jul-11	112		04-Jan-11	09-Jun-11	112																								
GSECARS Upgrade WP 0201A																																	
A1730	Miscellaneous Purchases and Shop Service O...	26-Oct-09 A	26.91%	02-Dec-11	383	02-Dec-11	03-Aug-09	02-Dec-11	563																								
GSECARS Vacuum Chamber																																	
A1140	S 13 VC design	05-Oct-09 A	100%	04-Dec-09 A	0		05-Oct-09	21-Dec-09	54																								
A1320	Write Engineering spec and QA plan for procur...	05-Oct-09 A	100%	19-Mar-10 A	0		05-Oct-09	22-Dec-09	55																								
A1330	Procurement of vacuum chamber and end boxes	08-Feb-10 A	75%	07-Jul-10	31		04-Jan-10	24-Jun-10	123																								
A1340	Fabrication of the vacuum chamber and end b...	04-May-10 A	10%	13-Oct-10	99		05-Apr-10	09-Sep-10	110																								
A1350	Delivery of the vacuum chamber and end boxes	07-Oct-10	0%	04-Aug-11	205		02-Sep-10	30-Jun-11	205																								
GSECARS Front End																																	
A1360	13-ID FE design (Layout and ray tracing and ex...	21-Sep-09 A	100%	29-Oct-09 A	0		21-Sep-09	17-Nov-09	42																								
A1370	BSDRSC design review for 13-ID FE	21-Jan-10 A	100%	11-Mar-10 A	0		16-Nov-09	27-Jan-10	51																								
A1380	Procurement of various FE components	03-Mar-10 A	75%	24-Jun-10	23		04-Jan-10	07-May-10	90																								
A1390	S-13 FE components fabrication	05-May-10 A	10%	13-Apr-11	208		26-Apr-10	31-Mar-11	231																								
A1400	S-13 FE components delivery	15-Mar-10 A	28%	12-Jul-11	173		14-Oct-10	30-Sep-11	240																								
GSECARS Canted Magnets and Undulator																																	
A1410	Prepare procurement package for canted mag...	31-Aug-09 A	100%	19-Oct-09 A	0		31-Aug-09	02-Dec-09	65																								
A1420	Procure canted magnet, corrector magnets	19-Oct-09 A	100%	18-Jan-10 A	0		30-Nov-09	07-Apr-10	86																								
A1430	Fabrication of canted magnets and corrector m...	25-Jan-10 A	75%	20-Jul-10	39		29-Mar-10	05-Nov-10	157																								
A1440	Delivery of the canted and corrector magnets	13-Jul-10	0%	03-Dec-10	100		01-Nov-10	31-Mar-11	100																								
A1450	Finalizing GSECARS undulator period	03-Aug-09 A	100%	25-Sep-09 A	0		03-Aug-09	03-Nov-09	66																								
A1460	Magnetic Design of both GSECARS undulators	26-Oct-09 A	100%	19-Feb-10 A	0		02-Nov-09	23-Feb-10	73																								
A1470	Mechanical Design of both GSECARS undulat...	22-Feb-10 A	75%	15-Jul-10	36		16-Feb-10	09-Sep-10	145																								
A1480	Orders for both GSECARS undulator PMBs to ...	08-Jun-10	0%	09-Sep-10	65		03-Aug-10	03-Nov-10	65																								
A1490	Fabrication of two GSECARS undulators and o...	08-Sep-10	0%	10-Jun-11	187		02-Nov-10	05-Aug-11	187																								
A1500	Delivery of both GSECARS undulators and on...	09-May-11	0%	06-Sep-11	83		05-Jul-11	31-Oct-11	83																								

█ Remaining Level of Effort
 █ Primary Baseline
 █ Remaining Work
 █ Actual Level of Effort
 █ Actual Work
 █ Critical Remaining Work
 ◆ Baseline Milestone
 ◆ Milestone