

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	FY06				FY07				FY08				FY09											
					A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M
1.02.03.04 Timing Stability Monitoring																												
IJ03040910	Proc Timing Stability Apparatus	100*	05/01/06A	09/20/06	█	█	█	█	█																			
IJ03040035	SLAC Place Order Timing Stability Apparatus	109*	05/01/06A	10/03/06	█	█	█	█	█																			
IJ03040915	Eng&Dsn of the Osc timing stability measurement	128*	05/01/06A	10/30/06	█	█	█	█	█																			
IJ03040905	Eng & Dsn of Timing Stability Monitoring App	149*	05/01/06A	11/30/06	█	█	█	█	█																			
IJ03040020	RCV: Timing stability Monitoring Apparatus	0		11/30/06						◆																		
IJ0304	TIMING STABILITY MONITORING SUMMARY	209	05/01/06A	03/13/07	█	█	█	█	█																			
IJ03040025	Assemble & C/O: Timing Stability Mon Apparatus	60	12/01/06	03/13/07							█	█																
IJ03040030	AVAIL: Timing Stability Monitoring Apparatus	0		03/13/07									◆															
1.02.03.05 Steering Stability Feedback & Msmts																												
IJ03050915	SLAC Place Order Steering Stability Apparatus	30	05/01/06A	06/30/06A	█	█																						
IJ03050905	Procure Steering Stability Apparatus	182	05/01/06A	07/31/06A	█	█	█	█	█																			
IJ03050065	RCV: Steering Stability Apparatus	0		07/31/06A						◆																		
IJ0305	STEERING STABILITY FEEDBACK & MSMTS SUMMARY	160	05/01/06A	12/15/06	█	█	█	█	█																			
IJ03050910	Assemble & Checkout: Steering Stabilization App	160*	05/01/06A	12/15/06	█	█	█	█	█																			
IJ03050125	AVAIL: Steering Stability Apparatus for Install	0		12/15/06						◆																		
1.02.03.06 Pre Amp Low Power Comp																												
IJ03060000	Define PreAmplifier Low Power Comp Specs	10	01/22/07	02/02/07							█																	
IJ03060005	Design PreAmplifier Low Power Comp	40	02/05/07	04/02/07							█	█																
IJ03060010	COMP: PreAmplifier Low Power Comp Design	0		04/02/07									◆															
IJ03060075	Fab (InHouse): Custom Low Power Compressor Parts	20	04/03/07	04/30/07								█																
IJ03060065	Procure Low Power Compressor System Parts	60	04/03/07	06/26/07								█	█															
IJ03060070	RCV: Low Power Compressor Parts	0		06/26/07																			◆					
IJ0306	PREAMPLIFIER LOW PWR COMP SUMMARY	130	01/22/07	07/25/07							█	█	█	█														
IJ03060085	Assemble: Low Power Compressor	20	06/27/07	07/25/07									█															
IJ03060090	AVAIL: Low Power Compressor for Integration	0		07/25/07																			◆					
1.02.03.08 UV Launch, Conditioning & Diagnostics																												
IJ03080905	Eng & Dsn of the Laser Port Window	142	06/01/06A	06/30/06A	█	█																						
IJ03080925	Release Drawings	64	06/01/06A	06/30/06A	█	█																						
IJ03080910	Procure UV Launch,Conditioning & Diag HW	182	05/01/06A	07/31/06A	█	█	█	█	█																			
IJ03080915	RCV: UV Launch,Conditioning & Diag HW	182	05/01/06A	07/31/06A	█	█	█	█	█																			

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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			F			M		
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52																				
1.02.05 Injector Magnets & Supports																																																																												
1.02.05.01 Injector Dipoles																																																																												
IJ501_1210	Purchase Materials	22	05/01/06A	05/31/06A																																																																								
IJ501_1220	Design Support	9	05/01/06A	05/31/06A																																																																								
IJ501_1230	Fabricate Support	9	05/01/06A	05/31/06A																																																																								
IJ501_3200	Purchase Materials	22	05/01/06A	05/31/06A																																																																								
IJ501_3220	Design Support	9	05/01/06A	05/31/06A																																																																								
IJ501_3230	Fabricate Support	9	05/01/06A	05/31/06A																																																																								
IJ501_1200	Engineering Support Gun Spectrometer Magnet	53	05/01/06A	06/30/06A																																																																								
IJ501_1240	SLAC Fab Coils	22	06/01/06A	06/30/06A																																																																								
IJ501_2200	Fabricate Support	9	06/01/06A	06/30/06A																																																																								
IJ501_3210	SLAC Fab Coils	22	06/01/06A	07/30/06A																																																																								
IJ0901	DL1 B01 & B02 DIPOLES SUMMARY	87	05/01/06A	08/31/06A																																																																								
IJ501_2210	Perform QC/MM on DL1 Dipole Assm	32	05/01/06A	08/31/06A																																																																								
IJ501_2220	AVAIL: DL1 Dipole Assm and Sppt RFI	0		08/31/06A																																																																								
IJ501_3240	LBNL Fab Core	82*	06/01/06A	09/26/06																																																																								
IJ501_1250	LBNL Fab Core	70*	07/01/06A	10/10/06																																																																								
IJ501_3250	SLAC Assemble Magnet	9	10/06/06*	10/18/06																																																																								
IJ501_1260	SLAC Assemble Magnet	9	10/11/06	10/23/06																																																																								
IJ1101	SAB SPECTROMETER DIPOLE SUMMARY	128	05/01/06A	10/30/06																																																																								
IJ501_3260	Perform QC/MM on SAB Dipole Assm	8	10/19/06	10/30/06																																																																								
IJ501_3270	AVAIL: SAB Dipole Assm and Suppt RFI	0		10/30/06																																																																								
IJ050901	GUN SPECTROMETER DIPOLE SUMMARY	134	05/01/06A	11/07/06																																																																								
IJ501_1270	Perform QC/MM on Dipole Assembly	11	10/24/06	11/07/06																																																																								
IJ501_1280	AVAIL: GS Dipole Assm and Suppt Ready for Inst	0		11/07/06																																																																								
1.02.05.02 Injector Quads																																																																												
IJ502_1200	RCV: GS Quads Assy	1	05/01/06A	05/31/06A																																																																								
IJ502_1210	Design Supports	20	05/01/06A	05/31/06A																																																																								
IJ0701	L0-1TL0-2 QUADRUPOLES SUMMARY (2EA)	44	05/01/06A	06/30/06A																																																																								
IJ502_2200	Perform QC/MM on Inj Quads Assy & Sppt	50	05/01/06A	06/30/06A																																																																								

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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
1.02.05.04 Linac Solenoid																									
IJ504_1030	AVAIL: Linac Solenoid Assy & Sppt RFI	0		08/31/06A					♦																
1.02.06 Injector Vacuum & Supports																									
1.02.06.01 Injector Vacuum Engineering																									
IJ601_1200	GTL Chamber Engineering	44	05/01/06A	06/30/06A	█	█	█	█																	
IJ601_1210	Linac L0aL0b Engineering	32	05/01/06A	06/30/06A	█	█	█	█																	
IJ601_1220	Linac L0aL0b Design	32	05/01/06A	06/30/06A	█	█	█	█																	
IJ601_1250	INS/SAB Engineering	32	05/01/06A	06/30/06A	█	█	█	█																	
IJ601_1260	INS/SAB Design	32	05/01/06A	06/30/06A	█	█	█	█																	
IJ050907	GS SUPPORT SUMMARY	87	05/01/06A	08/31/06A	█	█	█	█																	
IJ601_1270	Fabrication Support	220	06/01/06A	08/31/06A	█	█	█	█																	
1.02.06.03 Injector Vacuum Special Chambers																									
IJ603_1200	Fabricate Linac Region Special Chambers	21	06/01/06A	08/31/06A	█	█	█	█																	
IJ603_1210	Fabricate Heater Region Special Chambers	21	06/01/06A	08/31/06A	█	█	█	█																	
IJ603_1240	Vacuum Process Linac Region Special Chambers	22	08/01/06A	08/31/06A				█																	
IJ603_1250	Vacuum Process Heater Region Special Chambers	22	08/01/06A	08/31/06A				█																	
IJ603_1260	AVAIL: Linac Region Special Chambers	0		08/31/06A					♦																
IJ603_1270	AVAIL: Heater Region Special Chambers	0		08/31/06A					♦																
IJ603_1255	Vacuum Process Special Chambers (LLNL)	40	09/01/06*	10/27/06				█	█																
IJ603_1220	Fabricate INS/SAB Region Special Chambers	85*	07/01/06A	10/31/06	█	█	█	█																	
IJ603_1230	Fabricate Gun Region Special Chambers	85*	07/01/06A	10/31/06	█	█	█	█																	
IJ603_1300	Vacuum Process Gun Region Special Chambers	5	11/01/06	11/07/06					█																
IJ603_1310	AVAIL: Gun Region Special Chambers	0		11/07/06					♦																
IJ0508	INJECTOR VACUUM SPECIAL CHAMBERS SUMMARY	117	06/01/06A	11/14/06	█	█	█	█																	
IJ603_1280	Vacuum Process INS/SAB Region Special Chambers	10	11/01/06	11/14/06					█																
IJ603_1290	AVAIL: INS/SAB Region Special Chambers	0		11/14/06					♦																
1.02.06.05 Injector Vacuum Support Components																									
IJ605_1060	Proc - LTDL1 Support Structure Materials	40	12/01/05A	12/30/05A																					
IJ605_1090	Proc - Misc Support Hardware (bolts, nuts, etc.)	40	12/01/05A	12/30/05A																					
IJ605_1200	Proc - Special Beam Pump/Spool Support Material	40	05/01/06A	08/31/06A	█	█	█	█																	
IJ605_1210	Proc - LTDL1 Support Structure Materials	40	05/01/06A	08/31/06A	█	█	█	█																	

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1.02.17.03 Injector Lasers Install & Align																																			
IJ173_0110	Install Laser safety wiring	8	06/01/06A	07/30/06A	■																														
IJ1730105	Install Laser Bay Optical Tables/Alignment Laser	10	07/01/06A	07/30/06A	■																														
IJ173_0040	Ceiling closed room cleaned	1	07/01/06A	07/30/06A	■																														
IJ173_0050	Install Table legs room cleaned	5	07/01/06A	07/30/06A	■																														
IJ173_0060	Install Tables	3	07/01/06A	07/30/06A	■																														
IJ173_0070	Install Table enclosures	4	07/01/06A	07/30/06A	■																														
IJ173_0080	Laser Safety System	25	07/01/06A	07/30/06A	■																														
IJ173_0090	Install Laser safety panels to wall	2	07/01/06A	07/30/06A	■																														
IJ173_0100	Install Laser safety door switches	8	07/01/06A	07/30/06A	■																														
IJ173_0120	Certify laser safety system	5	07/01/06A	07/30/06A	■																														
IJ173_0130	Laser safety system installed	1	07/01/06A	07/30/06A	■																														
IJ173_0140	Utilities	5	07/01/06A	07/30/06A	■																														
IJ173_0150	Water system available in laser bay	3	07/01/06A	07/30/06A	■																														
IJ173_0160	Electrical/Controls	15	07/01/06A	07/30/06A	■																														
IJ173_0170	Install loaded racks	3	07/01/06A	07/30/06A	■																														
IJ173_0180	Conduit to racks	5	07/01/06A	07/30/06A	■																														
IJ173_0190	Power to racks	5	07/01/06A	07/30/06A	■																														
IJ173_0200	Utilities Installed	1	07/01/06A	07/30/06A	■																														
IJ173_0210	Laser Installation	20	07/01/06A	07/30/06A	■																														
IJ173_0220	Install	5	07/01/06A	07/30/06A	■																														
IJ173_0230	Characterization	10	07/01/06A	07/30/06A	■																														
IJ173_0240	Training	5	07/01/06A	07/30/06A	■																														
IJ173_0250	Laser Safety System Completed	5	07/01/06A	07/30/06A	■																														
IJ173_0260	Install shutters\	1	07/01/06A	07/30/06A	■																														
IJ173_0270	Install wiring to lasers	5	07/01/06A	07/30/06A	■																														
IJ1730103	REQD:Laser Bay Opt Tables/Legs/Ends/Alignmt Lsr	0		07/30/06A						◆																									
IJ1730130	AVAIL: Laser Tables & Optical Paths Installed	0		07/30/06A						◆																									
IJ1730112	REQD: Laser Heater optical paths	0		08/01/06						◆																									
IJ173_0280	Test	5	08/02/06	08/08/06						■																									

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1.02.17.03 Injector Lasers Install & Align																																																				
IJ17030115	Install laser heater optical path	15	08/02/06	08/22/06																																																
IJ173_0290	Certification by LSO	2	10/31/06	11/01/06																																																
IJ1703	INJECTOR LASERS INSTALLATION SUMMARY	209	05/01/06A	03/13/07																																																
IJ17_30020	AVAIL: Injector Laser Components Installed	0		03/13/07*																																																
1.02.17.04 Gun Area Integration																																																				
IJ174_0020	Planning, preperation and staging prior to downt	19	08/01/06A	08/31/06A																																																
IJ174_0025	REQD: Hdwe for Gun Area Installation	0		11/10/06																																																
IJ174_0030	Transport Equipment to S20	75*	08/01/06A	11/14/06																																																
IJ174_0040	Lower Equipment into Vault	75*	08/01/06A	11/14/06																																																
IJ174_0050	Install RF Gun/GTL Support Assy	1	11/15/06*	11/15/06																																																
IJ174_0060	Align RF Gun/GTL Support Assy	2	11/16/06	11/17/06																																																
IJ174_0070	Install GTL Assy	2	11/20/06	11/21/06																																																
IJ174_0080	Install GTL Spectrometer Assy	4	11/22/06	11/29/06																																																
IJ174_0090	Make up vacuum interconnections	2	11/30/06	12/01/06																																																
IJ174_0100	Install RF Gun Assembly	2	12/15/06	12/18/06																																																
IJ174_0160	AVAIL: RF Gun Assembly Installed	0		12/18/06*																																																
IJ174_0110	Pumpdown and leak check	2	12/19/06	12/20/06																																																
IJ174_0120	Install Gun Solenoid	2	12/21/06	12/22/06																																																
IJ174_0130	Install Plumbing	2	12/26/06	12/27/06																																																
IJ174_0010	GTL Installation	105	08/01/06A	12/29/06																																																
IJ174_0140	Final Alignment	2	12/28/06	12/29/06																																																
IJ174_0150	AVAIL: Gun Area Ready for Commissioning	0		12/29/06																																																
1.02.17.06 Accelerator Area Integration																																																				
IJ176_0020	Planning, preperation and staging prior to downt	19	08/01/06A	08/31/06A																																																
IJ176_0025	REQD: Hdwe for Accelerator Area Installation	0		10/20/06																																																
IJ176_0030	Transport Equipment to S20	65*	08/01/06A	10/31/06																																																
IJ176_0040	Lower Equipment to S20 Vault	65*	08/01/06A	10/31/06																																																
IJ176_0050	Install supports	1	11/01/06*	11/01/06																																																
IJ176_0060	Install LOA structure	2	11/02/06	11/03/06																																																

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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	F	M		
1.02.17.06 Accelerator Area Integration																														
IJ176_0070	Install LOB structure	2	11/06/06	11/07/06																										
IJ176_0080	Align LOA and LOB	2	11/08/06	11/09/06																										
IJ176_0300	AVAIL: LOA and LOB Installed	0		11/09/06							◆																			
IJ176_0090	Install RF output W/G to LOA	5	11/10/06	11/16/06																										
IJ176_0100	Install YAG03	1	11/17/06	11/17/06																										
IJ176_0110	Align YAG03	1	11/20/06	11/20/06																										
IJ176_0120	Tighten Flanges	1	11/21/06	11/21/06																										
IJ176_0130	Install Magnet QA01	1	11/22/06	11/22/06																										
IJ176_0140	Align Magnet QA01	1	11/27/06	11/27/06																										
IJ176_0150	Tighten Flanges	1	11/28/06	11/28/06																										
IJ176_0160	Install PH01	1	11/29/06	11/29/06																										
IJ176_0170	Align PH02	1	11/30/06	11/30/06																										
IJ176_0180	Tighten Flanges	1	12/01/06	12/01/06																										
IJ176_0190	Install QA02 w/BPM05	1	12/04/06	12/04/06																										
IJ176_0200	Align QA02 w/BPM05	1	12/05/06	12/05/06																										
IJ176_0210	Tighten Flanges	1	12/06/06	12/06/06																										
IJ176_0220	Install XYCOR04	1	12/07/06*	12/07/06																										
IJ176_0230	Install XYCOR05	1	12/08/06	12/08/06																										
IJ176_0240	Install RF output W/G to LOB	5	12/11/06	12/15/06																										
IJ176_0250	Install Linac Solenoid Support	2	12/18/06	12/19/06																										
IJ176_0260	Install Linac Solenoid	1	12/20/06	12/20/06																										
IJ176_0270	Install Plumbing	4	12/21/06	12/27/06																										
IJ176_0010	LOA/B	104	08/01/06A	12/28/06							█																			
IJ176_0280	Final Alignment	1	12/28/06	12/28/06																										
IJ176_0290	AVAIL: Accelerator Components for Commissioning	0		12/28/06							◆																			
1.02.17.07 Heater Area Integration																														
IJ177_0020	Planning, preperation and staging prior to downt	19	08/01/06A	08/31/06A							█																			
IJ177_0025	REQD: Hdwe for Heater Area Installation	0		08/31/06							◆																			
IJ177_0150	Transport Equipment to S20	48*	08/01/06A	10/06/06							█																			

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1.02.17.07 Heater Area Integration																																																				
IJ177_0160	Lower Equipmetn into Vault	48*	08/01/06A	10/06/06																																																
IJ177_0030	Install supports to VACV N	1	10/09/06*	10/09/06																																																
IJ177_0170	Install Support Table	1	10/09/06*	10/09/06																																																
IJ177_0040	Install Vat Valve VV03	1	10/10/06	10/10/06																																																
IJ177_0180	Align Support Table	1	10/10/06	10/10/06																																																
IJ177_0050	Align Vat Valve	1	10/11/06	10/11/06																																																
IJ177_0190	Install Vat Valve VV02	1	10/11/06	10/11/06																																																
IJ177_0060	Tighten Flanges	1	10/12/06	10/12/06																																																
IJ177_0200	Align Vat Valve	1	10/12/06	10/12/06																																																
IJ177_0070	Install Current Monitor OTR1	1	10/13/06	10/13/06																																																
IJ177_0210	Tighten Flanges	1	10/13/06	10/13/06																																																
IJ177_0080	Interconnect Vat Valve and Current Monitor	1	10/16/06	10/16/06																																																
IJ177_0220	Install QE02	1	10/16/06	10/16/06																																																
IJ177_0090	Align Current Monitor	1	10/17/06	10/17/06																																																
IJ177_0230	Align QE02	1	10/17/06	10/17/06																																																
IJ177_0100	Tighten flanges	1	10/18/06	10/18/06																																																
IJ177_0240	Tighten Flanges	1	10/18/06	10/18/06																																																
IJ177_0110	Install Wire Scanner WS01	1	10/19/06	10/19/06																																																
IJ177_0250	Install Beamline Spoolpiece Supports	1	10/19/06	10/19/06																																																
IJ177_0120	Interconnect Current Monitor and Wire Scanner	1	10/20/06	10/20/06																																																
IJ177_0260	Install Beamline Spoolpiece w/Bellows	1	10/20/06	10/20/06																																																
IJ177_0130	Align Wire scanner	1	10/23/06	10/23/06																																																
IJ177_0270	Align Beamline Spoolpiece w/Bellows	1	10/23/06	10/23/06																																																
IJ177_0140	Tighten Flanges	1	10/24/06	10/24/06																																																
IJ177_0280	Tighten Flanges	1	10/24/06	10/24/06																																																
IJ177_0290	Install T Cavity	1	10/25/06	10/25/06																																																
IJ177_0300	Align T Cavity	1	10/26/06	10/26/06																																																
IJ177_0310	Tighten Flanges	1	10/27/06	10/27/06																																																
IJ177_0320	Install QE03 w/BPM08	1	10/30/06	10/30/06																																																

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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	F	M
1.02.17.09 Insertion Area Integration																												
IJ179_0220	Tighten flanges	1	10/24/06	10/24/06																								
IJ179_0230	Install Quad Magnet QM01/BPM11	2	10/25/06	10/26/06																								
IJ179_0240	Align Quad Magnet	2	10/27/06	10/30/06																								
IJ179_0250	Tighten flanges	2	10/31/06	11/01/06																								
IJ179_0260	Layout Support Stands	1	11/02/06	11/02/06																								
IJ179_0025	REQD: Hdwe for Insertion/SAB Area Installation	0		11/10/06						◆																		
IJ179_0270	Install Support Stands	10	11/03/06	11/16/06						■																		
IJ179_0280	Align Support Stands	1	11/17/06	11/17/06																								
IJ179_0290	Grout Support Stands in Place	2	11/20/06	11/21/06																								
IJ179_0300	Install Vat Valve VV04	1	11/22/06	11/22/06																								
IJ179_0310	Install Beamline Spoolpiece	1	11/27/06	11/27/06																								
IJ179_0320	Install XY Corrector XCOR08/YCOR08	1	11/28/06	11/28/06																								
IJ179_0330	Align XY Corrector	1	11/29/06	11/29/06																								
IJ179_0340	Install Quad Magnet QM02/BPM12	1	11/30/06	11/30/06																								
IJ179_0350	Align Quad Magnet	1	12/01/06	12/01/06																								
IJ179_0360	Tighten flanges	1	12/04/06	12/04/06																								
IJ179_0370	Install Dipole Magnet BX01/DX01	2	12/05/06	12/06/06																								
IJ179_0380	Align Dipole Magnet	1	12/07/06	12/07/06																								
IJ179_0390	Tighten flanges	1	12/08/06	12/08/06																								
IJ179_0400	Install Current Monitor OTR04	1	12/11/06	12/11/06																								
IJ179_0410	Align Current Monitor	1	12/12/06	12/12/06																								
IJ179_0420	Tighten flanges	1	12/13/06	12/13/06																								
IJ179_0430	Install Beamline Spoolpiece Between XCOR09/YCOR0	1	12/14/06	12/14/06																								
IJ179_0440	Align XYCOR09	1	12/15/06	12/15/06																								
IJ179_0560	AVAIL: DL1 Bend Magnets Installed	0		12/15/06*						◆																		
IJ179_0450	Tighten flanges	1	12/18/06	12/18/06																								
IJ179_0460	Install Quad Magnet QB/BPM13	1	12/19/06	12/19/06																								
IJ179_0470	Align Quad Magnet	1	12/20/06	12/20/06																								
IJ179_0480	Tighten flanges	1	12/21/06	12/21/06																								

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	FY06				FY07				FY08				FY09											
					A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M
1.02.17.09 Insertion Area Integration																												
IJ179_0490	Install Wire Scanner WS04	1	12/22/06	12/22/06																								
IJ179_0500	Align Wire Scanner	1	12/26/06	12/26/06																								
IJ179_0510	Tighten flanges	1	12/27/06	12/27/06																								
IJ179_0520	Install Beamline Spoolpiece Upstream/Downstream	1	12/28/06	12/28/06																								
IJ179_0530	Install Dipole Magnet BX02	2	12/29/06	01/02/07																								
IJ179_0540	Align Dipole Magnet	1	01/03/07	01/03/07																								
IJ179_0010	Insertion Area Summary	128	07/01/06A	01/04/07																								
IJ179_0550	Tighten flanges	1	01/04/07	01/04/07																								
IJ179_0570	AVAIL: Insertion Ready for Commissioning	0		01/04/07																								
1.02.17.11 Spectrometer Area Integration																												
IJ1711_020	Planning, preperation and staging prior to downt	19	08/01/06A	08/31/06A																								
IJ1711_025	REQD: Hdwe for Spectrometer Area Installation	0		11/10/06																								
IJ1711_030	Install Beamline Spoolpiece Downstream of BX01/D	1	11/15/06*	11/15/06																								
IJ1711_040	Install XCS1/YCS1	1	11/16/06	11/16/06																								
IJ1711_050	Install SAB Chamber	1	11/17/06	11/17/06																								
IJ1711_060	Install Vat Valve VVS1	1	11/20/06	11/20/06																								
IJ1711_070	Install YAGS1	1	11/21/06*	11/21/06																								
IJ1711_080	Install BPMS1	1	11/22/06	11/22/06																								
IJ1711_090	Install Bend Magnet BXS	1	11/27/06	11/27/06																								
IJ1711_240	AVAIL: BXS Spectrometer Bend Installed	0		11/27/06																								
IJ1711_100	Install Beamline Spoolpiece Downstream of BXS	1	11/28/06	11/28/06																								
IJ1711_110	Install Support w/6 Way Cross, Parani and Cold C	1	11/29/06	11/29/06																								
IJ1711_120	Install Quad Magnet QS01/BPMS	1	11/30/06	11/30/06																								
IJ1711_130	Install Beamline Spoolpiece w/XCS2/YCS2	1	12/01/06	12/01/06																								
IJ1711_140	Install Quad Magnet QS02/BPMS	1	12/04/06	12/04/06																								
IJ1711_150	Install Support w/6 Way Cross, Parani and Cold C	1	12/05/06	12/05/06																								
IJ1711_160	Install IMS1	1	12/06/06	12/06/06																								
IJ1711_170	Install OTR's	1	12/07/06	12/07/06																								
IJ1711_180	Install YAGS	1	12/08/06	12/08/06																								

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	FY06												FY07												FY08												FY09																																			
					A			M			J			J			A			S			O			N			D			J			F			M			A			M			J			J			A			S			O			N			D			J			F			M		
					1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12																								
2.02.07 Injector Diagnostics																																																																												
2.02.07.04 Injector Profile Monitors																																																																												
IJ2520000	Profile Monitor Commissioning Support	221	10/03/06	08/30/07																																																																								
2.02.08 Injector System Emittance Enhancement																																																																												
2.02.08.01 Heater Integration																																																																												
IJ101_4200	Heater Area Procurement Support	60	05/01/06A	08/31/06A																																																																								
IJ101_4210	Heater Area Fabrication Oversight	60	05/01/06A	08/31/06A																																																																								
IJ101_4220	Heater Area Installation Drawing	44	05/01/06A	08/31/06A																																																																								
IJ101_4150	Heater Area Installation Oversight	33*	08/02/06	09/18/06																																																																								
IJ101_4160	Heater & Optics Integration	80	12/01/06*	03/28/07																																																																								
IJ101_4180	Heater Area Documentation	120	11/08/06	05/02/07																																																																								
IJ101_4190	Heater & Optics Fabrication Oversight	44	03/29/07	05/30/07																																																																								
IJ101_4195	Heater & Optics Installation Oversight	42	09/20/07	11/16/07																																																																								
2.02.08.02 Heater Laser & Optics																																																																												
IJ03140905	Design Transport optics and diagnostics	200	10/02/06*	07/31/07																																																																								
IJ03140910	Procure transport components and diagnostics	200	10/02/06	07/31/07																																																																								
IJ03140915	Fabricate Transport optics and diagnostics	5	08/01/07	08/07/07																																																																								
IJ1502	BEAM CONDITIONING OPTICS (LB) SUMMARY	235	10/02/06	09/19/07																																																																								
IJ03140920	Install transport components and diagnostics	30	08/08/07	09/19/07																																																																								
2.02.08.03 Heater Magnets																																																																												
IJ505_2000	Define Undulator specifications	64*	06/01/06A	08/30/06																																																																								
IJ502_2000	Define Undulator specifications	22*	08/01/06A	08/30/06																																																																								
IJ501_4210	Design Support	9	10/02/06*	10/12/06																																																																								
IJ501_4230	Fabricate Support	9	10/13/06	10/25/06																																																																								
IJ505_2010	Design Undulator	43	08/31/06	10/31/06																																																																								
IJ505_2020	Undulator PDR	1	11/01/06	11/01/06																																																																								
IJ505_2030	Undulator FDR	1	11/02/06	11/02/06																																																																								
IJ505_2040	Prep Bid Pak - Undulator	42	11/03/06	01/19/07																																																																								
IJ501_4220	Vendor Fab Chicane Dipole Assembly	180*	05/01/06A	01/30/07																																																																								
IJ501_4240	RCV: Chicane Dipole Assembly	1	01/31/07	01/31/07																																																																								
IJ1504	LASER HEATER CHICANE DIPOLE SUMMARY	201	05/01/06A	03/01/07																																																																								

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	FY06				FY07				FY08				FY09											
					A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M
2.02.08.03 Heater Magnets																												
IJ501_4250	Perform QCMM on Chicane Dipole Assm	20	02/01/07	03/01/07																								
IJ501_4260	AVAIL: Chicane Dipole Assm and Suppt RFI	0		03/01/07*																								
IJ505_2050	Design Support	73	11/01/06	03/02/07																								
IJ505_2060	Evaluate Vendor Proposals - Undulator	42	01/22/07	03/21/07																								
IJ505_2080	AWARD: Undulator	1	03/22/07	03/22/07																								
IJ505_2070	Fabricate Support	62	03/05/07	05/30/07																								
IJ505_2090	Vendor Fab - Undulator	73	03/23/07	07/05/07																								
IJ505_2100	RCV: Undulator	1	07/06/07	07/06/07																								
IJ15	INJECTOR LASER HEATER UNDULATOR SUMMARY	311	06/01/06A	09/06/07																								
IJ1505	UNDULATOR SUMMARY	311	06/01/06A	09/06/07																								
IJ505_2110	Perform Magnetic Measurements and QA	43	07/09/07	09/06/07																								
IJ505_2120	AVAIL: Heater Undulator Ready for Install	0		09/06/07																								
2.02.08.04 Heater Vacuum																												
IJ601_1230	Heater Region Vacuum Engineering	32	05/01/06A	06/30/06A																								
IJ601_1240	Heater Region Design	32	05/01/06A	06/30/06A																								
IJ601_1290	Laser Heater Chamber Engineering	62	10/03/06	01/02/07																								
IJ601_1300	Laser Heater Chamber Design	62	10/03/06	01/02/07																								
IJ603_1320	Fabricate Heater Special Chambers	62	01/03/07	04/02/07																								
IJ605_1310	Fabricate Heater Vacuum Supports	62	01/03/07*	04/02/07																								
IJ605_1320	AVAIL: Heater Vacuum Supports	0		04/02/07																								
IJ603_1330	Vacuum Process Heater Special Chambers	21	04/03/07	05/01/07																								
IJ603_1340	AVAIL: Heater Special Chambers	0		05/01/07																								
IJ601_1280	Vacuum Integration Support	262*	06/01/06A	06/14/07																								
2.02.08.05 Heater Diagnostics																												
IJ741_0250	Design OTRH1/OTRH2 External Optics	64	10/02/06*	01/03/07																								
IJ741_0260	Fabricate OTRH1/OTRH2 External Optics	60	01/04/07	03/30/07																								
IJ741_0270	Assemble OTRH1/OTRH2 External Optics (2)	19	04/02/07	04/26/07																								
IJ741_0280	Assemble OTRH1/OTRH2 Beamline Assy (2)	25	04/27/07	06/01/07																								
IJ741_0290	Vac Processs OTRH1/OTRH2 Beamline Assy (2)	40	06/04/07	07/30/07																								

