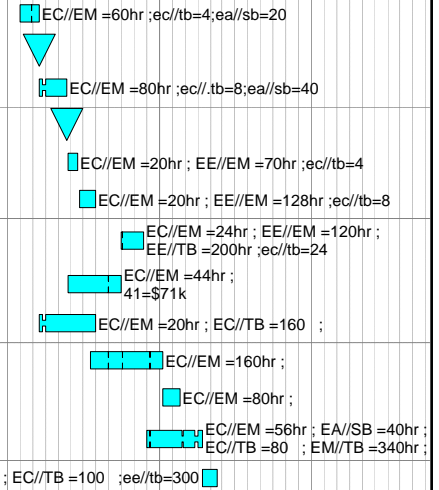
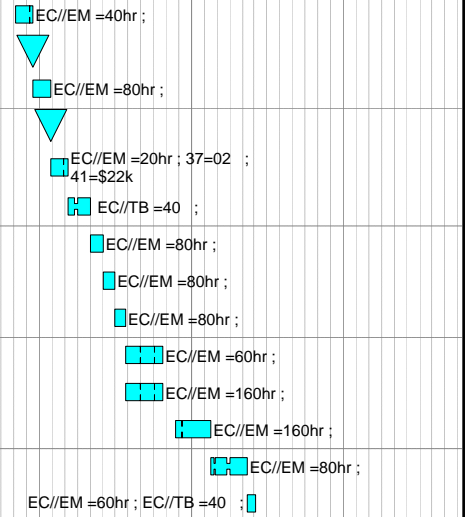


Activity ID	MILE-STONE LEVEL	Activity Description	Duration (work days)	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete	FY					
									FY08	FY09	FY10	FY11	FY12	
453-1-5		PF Coil Test	40		27JUN11	22AUG11	11	18,965.06			41=01\$; EA/SB =08hr ; EE//EM =32hr ; EE//SM =40hr ; EE//TB =54hr ;			
453-1-6		Trim Coil Coil Test	40		27JUN11	22AUG11	11	136,368.68			41=01\$; EA/SB =08hr ; EE//EM =32hr ; EE//SM =40hr ; EE//TB =54hr ;			
453-1-8		Testing PTPs, ISTPs	40		27JUN11	22AUG11	11	159,275.76			41=10\$; EE//EM =240hr ; EE//SM =320hr ; EE//TB =376hr ; EA/SB =160hr ;			
51 - Network and Fiber Infrastructure														
Job: 5101 - Network and Fiber Infrastruct-SICHTA														
R51-10		Preliminary Design	30		01OCT09*	11NOV09	265	8,977.30			EC//EM =40hr ; ec//tb=10; ea//sb=20			
R51-11		PDR	0			11NOV09	265	0.00						
R51-20		Final Design	60		12NOV09	17FEB10	265	11,919.00			EC//EM =50hr ; ec//tb=30; ea//sb=20			
R51-21		FDR	0			17FEB10	265	0.00						
R51-30		Procurement	60		18JUN10*	13SEP10	180	95,270.68			EC//EM =24hr ; ec//tb=12 41=68\$; ;			
R51-50		Installation	80		14SEP10	13JAN11	180	97,809.22			EC//EM =68hr ; EC//TB =50 ; EA/SB =240hr ; EM//TB =570hr ; ee//tb=20			
R51-60		Test	14		14JAN11	02FEB11	180	7,390.48			EC//EM =28hr ; EC//TB =40 ;			
52 - Central Instrumentation & Control														
Job: 5201 - I&C Systems-SICHTA														
R52-10		Preliminary Design-Infrastructure	20		03AUG09*	28AUG09	218	9,847.00			EC//EM =60hr ; ec//tb=20			
R52-11		PDR	0			28AUG09	218	0.00						
R52-20		Final Design-Infrastructure	45		31AUG09	02NOV09	218	20,115.34			EC//EM =100hr ; ec//tb=80			
R52-21		FDR	0			02NOV09	218	0.00						
R52-25		Preliminary Design-Subsystems	50		03NOV09*	25JAN10	256	5,754.80			EC//EM =40			
R52-27		Final Design-Subsystems	50		26JAN10	05APR10	256	21,644.80			EC//EM =140hr ; ec//tb=20			
R52-30		Procurement	65		03NOV09	15FEB10	291	100,681.80			EC//EM =40hr ; 41=71\$; ;			
R52-40		EPICS Programming - Base	40		03NOV09*	11JAN10	218	11,509.60			EC//EM =80hr ;			
R52-50		EPICS Programming - VDCT db editor	40		03NOV09*	11JAN10	406	5,754.80			EC//EM =40hr ;			
R52-60		IOC Programming - MDSplus data & events	40		03NOV09*	11JAN10	406	17,264.40			EC//EM =120hr ;			
R52-70		OPC - EPICS/PLC Interface	40		12JAN10	08MAR10	218	25,507.20			EC//EM =160hr ; 35=02\$; ;			
R52-80		Appl. Programming-T/C	148		09MAR10	05OCT10	218	35,716.41			EC//EM =248hr ;			
R52-90		Programming - misc.	90		09MAR10	14JUL10	276	20,141.80			EC//EM =140hr ;			
R52-100		Installation	90		30AUG10*	13JAN11	154	112,538.22			EC//EM =84hr ; EC//TB =164 ; EA/SB =320hr ; EM//TB =480hr ; ee//tb=40			
R52-110		Test	40		14JAN11	10MAR11	154	25,140.72			EC//EM =112hr ; ec//tb=104			

Activity ID	MILE-STONE LEVEL	Activity Description	Duration (work days)	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete	Fiscal Year				
									FY08	FY09	FY10	FY11	FY12
53 - Data Acquisition & Facility Computing													
Job: 5301 - Data Acquisition-SICHTA													
R53-10		Preliminary Design	30		03AUG09*	14SEP09	182	5,591.20					
R53-11		PDR	0			14SEP09	182	0.00					
R53-20		Final Design	30		15SEP09	26OCT09	182	11,378.72					
R53-21		FDR	0			26OCT09	182	0.00					
R53-30		Procurement	30		27OCT09	09DEC09	182	32,291.40					
R53-40		Installation	30		10DEC09	01FEB10	182	3,006.00					
R53-50		MDSplus Installation	20		02FEB10	01MAR10	182	11,509.60					
R53-60		MDSplus Programming - Tree Design	20		02MAR10	29MAR10	182	11,509.60					
R53-70		MDSplus Programming - Shot Sync	20		30MAR10	26APR10	182	11,509.60					
R53-100		Applications Support (3 Diags)	60		27APR10	21JUL10	182	8,632.20					
R53-110		Programming - Misc.	60		27APR10	21JUL10	182	23,019.20					
R53-80		MDSplus Programming - Dispatcher	60		23AUG10*	15NOV10	160	23,641.28					
R53-90		MDSplus Programming - Acquisition	55		16NOV10	10FEB11	160	12,092.80					
R53-120		Test	14		11FEB11	02MAR11	160	12,227.60					
54 - Facility Timing & Synchronization													
Job: 5401 - Facility Timing & Synchron.-SICHTA													
R54-10		Preliminary System Design	30		02NOV09*	15DEC09	202	11,403.80					
R54-11		PDR	0			15DEC09	202	0.00					
R54-20		Final SystemDesign	40		16DEC09	19FEB10	202	17,052.80					
R54-21		FDR	0			19FEB10	302	0.00					
R54-30		Preliminary Design - Clock Dist.	20		22FEB10	19MAR10	302	15,311.10					
R54-40		Final Design - Clock Dist.	30		22MAR10	30APR10	302	25,664.84					
R54-50		Test - Clock Dist.	40		29JUN10	24AUG10	262	42,142.08					
R54-60		Procurement	90		22FEB10*	28JUN10	212	101,257.28					
R54-70		UNT - Timing & Seq Emulation (FPGA Pgm)	90		16DEC09*	30APR10	342	14,901.40					
R54-80		UNT - Device Driver Prog (EPICS/MDSplus)	120		19APR10	06OCT10	202	23,058.08					
R54-90		Central Clock (EPICS) Programming	30		07OCT10	17NOV10	202	12,092.80					
R54-100		Installation	90		30AUG10*	13JAN11	169	50,074.31					
R54-110		Test	25		14JAN11	17FEB11	169	45,340.80					



Activity ID	MILE-STONE LEVEL	Activity Description	Duration (work days)	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete	Fiscal Year				
									FY08	FY09	FY10	FY11	FY12
55 - Real Time Plasma & Power Supply Control Sys													
Job: 5501 - Real Time Control System-SICHTA													
R55-10		FCPC - Preliminary Design	30		01OCT09*	11NOV09	209	20,611.52					
R55-11		PDR	0			11NOV09	209	0.00					
R55-20		FCPC -Final Design	60		12NOV09	17FEB10	209	38,767.40					
R55-21		FDR	0			17FEB10	209	0.00					
R55-30		FCPC - Procurement	65		19APR10*	20JUL10	167	178,272.60					
R55-40		Host Programming	115		21JUL10	10JAN11	172	17,751.25					
R55-42		ACQ Programming	115		21JUL10	10JAN11	167	11,834.16					
R55-45		PCS programming	115		21JUL10	10JAN11	167	17,751.25					
R55-48		PSRTC Programming	115		21JUL10	10JAN11	167	34,432.57					
R55-50		FCPC PLC Intgration-EPICS Prog	115		21JUL10	10JAN11	167	5,917.08					
R55-51		FCPC Data Acq & Ctl Installation	115		21JUL10	10JAN11	167	34,910.26					
R55-60		FCPC -Test	30		11JAN11	21FEB11	167	34,645.00					
R55-70		GISRTC - Preliminary Design	30		01OCT09*	11NOV09	219	10,696.80					
R55-71		PDR	0			11NOV09	219	0.00					
R55-80		GISRTC -Final Design	60		12NOV09	17FEB10	219	11,103.20					
R55-81		FDR	0			17FEB10	219	0.00					
R55-90		GISRTC - Procurement	60		18MAY10*	11AUG10	156	21,130.30					
R55-100		GISRTC Programming	115		12AUG10	01FEB11	156	11,915.30					
R55-110		GISRTC - Installation	115		12AUG10	01FEB11	156	33,107.79					
R55-120		GISRTC -Test	25		02FEB11	08MAR11	156	19,004.40					
56 - Central Safety and Interlock Systems													
Job: 5601 - Central Safety &Interlock Sys-SICHTA													
R56-10		Requirements, Codes&Standards	30		03AUG09*	14SEP09	191	5,591.20					
R56-20		Preliminary Design	45		15SEP09	16NOV09	191	19,182.49					
R56-21		PDR	0			16NOV09	191	0.00					
R56-30		PLC Training	15		17NOV09	09DEC09	191	19,363.00					
R56-35		Final Design	80		10DEC09	12APR10	191	43,600.00					
R56-36		FDR	0			12APR10	191	0.00					
R56-40		Procurement	60		13MAY10*	06AUG10	169	95,435.50					
R56-50		Safety PLC Programming	100		09AUG10	06JAN11	169	29,677.96					
R56-60		Installation (4 subsystems)	100		09AUG10	06JAN11	169	98,334.54					



Activity ID	MILE-STONE LEVEL	Activity Description	Duration (work days)	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete	Fiscal Year				
									FY08	FY09	FY10	FY11	FY12
R56-63		Installation for DARM's access control (2)	100		09AUG10	06JAN11	169	14,569.94					
R56-66		Installation add'l test cell doors	100		09AUG10	06JAN11	169	19,305.59					
R56-70		Test	30		07JAN11	17FEB11	169	27,343.60					
R56-70M	2	Compl Central Safety&Interlock Sys Pre-ops Tests	0			17FEB11	169	0.00					
58 - Central I&C management and Integration													
Job: 5801 - Central I&C Integr& Oversight-SICHTA													
R58-20		WBS58 -FY08 Management & Integration LOE	250*		01OCT07A	30SEP08	1,521	14,454.84					
R58-30		WBS58 -FY09 Management & Integration LOE	249		01OCT08*	30SEP09	1,272	16,773.60					
R58-40		WBS58 -FY10 Management & Integration LOE	248		01OCT09*	30SEP10	1,024	17,264.40					
R58-50		WBS58 -FY10 Management & Integration LOE	248		01OCT10*	28SEP11	776	18,139.20					
61 - Water Systems													
Job: 6101 - Water Systems-DUDEK													
613 - Vacuum Pumping System													
6101-100		Design Vac Pmp water sys	45		03MAY10*	06JUL10	100	39,785.90					
6101-105		Procure Hardware and materials Vac Pmp water	90		07JUL10	10NOV10	100	30,955.14					
6101-110		Fabricate and Install Vac Pmp water sys	40		11NOV10*	17JAN11	100	36,490.65					
6101-115		Test Vac Pmp water sys	22		18JAN11	16FEB11	100	5,022.72					
62 - Cryogenic Systems													
Job: 6201 - Cryogenic Syst-RAFTOPOLOUS													
621 - LN2 Supply & LN2 coil cooling supply													
62122-300		Conceptual Design	142		03JUN08*	23DEC08	132	100,139.85					
62122-310		CDR	0			23DEC08	132	0.00					
62122-320		Preliminary Design	210		02JAN09	27OCT09	132	128,207.06					
62122-330		PDR	0			27OCT09	132	0.00					
62122-340		Final Design	88		28OCT09*	12MAR10	132	118,794.80					
62122-350		FDR	0			12MAR10	132	0.00					
62122-360		Resolve FDR Chits	10		15MAR10	26MAR10	132	3,086.40					
62122-370		Procurements	130		29MAR10	29SEP10	132	251,115.34					
62122-380		Fabrication & Installation LN2 & LN2 coil supply	145	2	01OCT10*	03MAY11	131	200,621.40					
623 - GN2 Cryostat Cooling System													
623-099		GN2 Cryostat Cooling Sys Conceptual design	122*		01JUL08*	23DEC08	138	33,490.02					
623-100		GN2 Cryostat Cooling Sys CDR	0			23DEC08	138	0.00					
623-101		GN2 Cryostat Cooling Sys-Preliminary Design	130		02JAN09	06JUL09	138	160,208.52					
623-102		GN2 Cryostat Cooling Sys-Fab & test prototype	130		02JAN09	06JUL09	138	103,753.16					