cc 9450 - NCSX Fabrication (MIE)

1 - Stellarator Core Systems

12 - Vacuum Vessel Systems

Job: 1204 - VV Sys Procurements (nonVVSA)-DUDEK

Thermal Insulation

Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
123-052		Fabricate&Deliver boot sheet metal parts r405209	65		01OCT08*	12JAN09	212	39,180.00
122-051		Deliver Port Thermal Insulation pe7793	21*		01FEB08*	29FEB08	1,670	44,413.92
122-030		Issue req,Bid & Award Pourable Insulation	25		01SEP10*	06OCT10	198	0.00
122-036.9		Award Pourable Insulation	0			06OCT10	198	0.00
122-037		Deliver Pourable Insulation	40		07OCT10	03DEC10	198	137,000.00

Job: 1260 NB Transition Ducts- GORANSON

Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
1260-90		Prep for PDR	65		30JUN08	30SEP08	318	30,200.00
1260-95		PDR	0			30SEP08	318	0.00
1260-100		Design Update and review	65		01OCT08*	12JAN09	318	99,486.80
1260-110		FDR	0			12JAN09	318	0.00
1260-120		Requisition, Bid and Award Duct contract	40		13JAN09	09MAR09	318	0.00
1260-130		Fabr &deliver 3 port duct extensions incl suprts	260		01OCT09*	18OCT10	174	420,831.66
1260-140		Title III	402		13JAN09	18AUG10	1,054	16,188.70

Job: 1270 - Heater Control System-PPPL (tbd)

Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
1270-30		Preliminary design	65		02FEB09*	01MAY09	244	46,618.64
1270-40		PDR	0			01MAY09	244	0.00
1270-50		Final Design	65		04MAY09	04AUG09	244	46,618.64
1270-60		FDR	0			04AUG09	244	0.00
1270-70		Procure Hardware	130		01MAR10*	31AUG10	107	348,434.48
1270-80		Fabrication	130		01SEP10	14MAR11	107	72,225.29
1270-90		Installation	65	2	15MAR11	14JUN11	107	127,753.12

13 - Conventional Coils

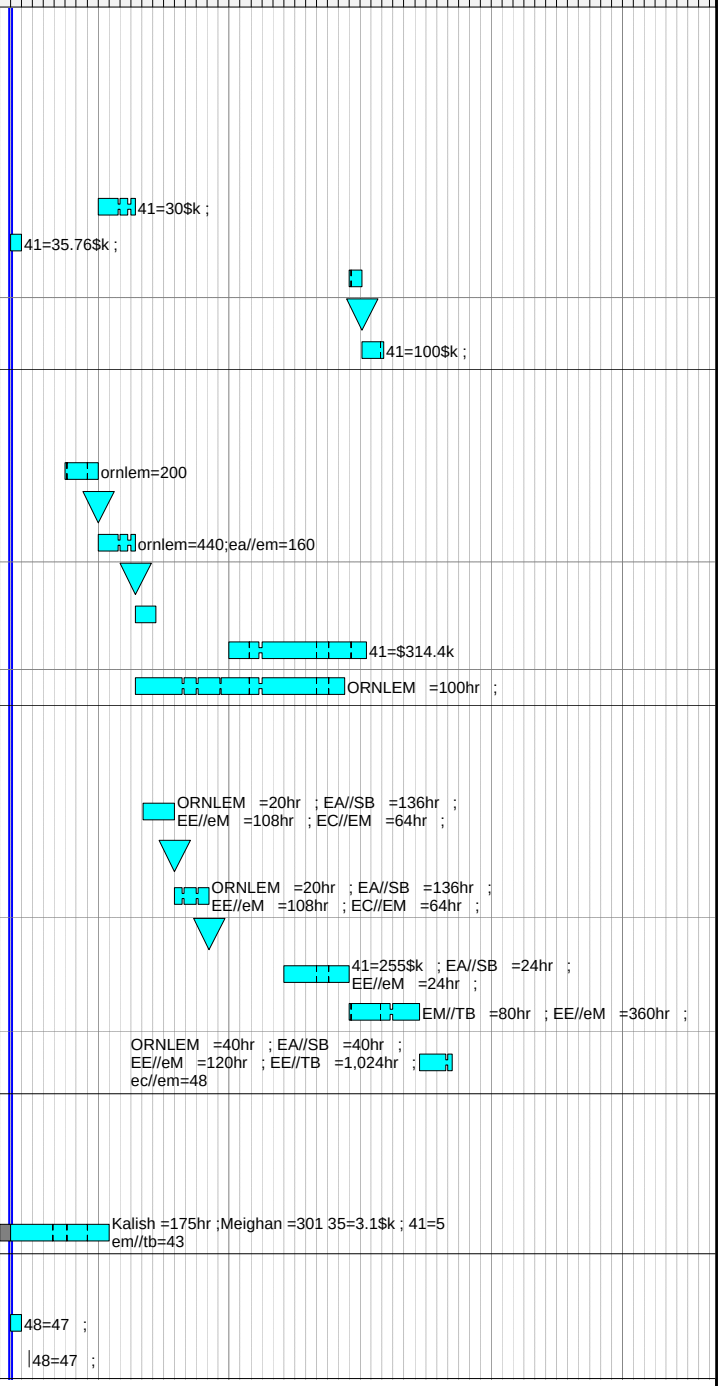
Job: 1361 - TF Fabrication-KALISH

TF Title III and Fabrication Oversight

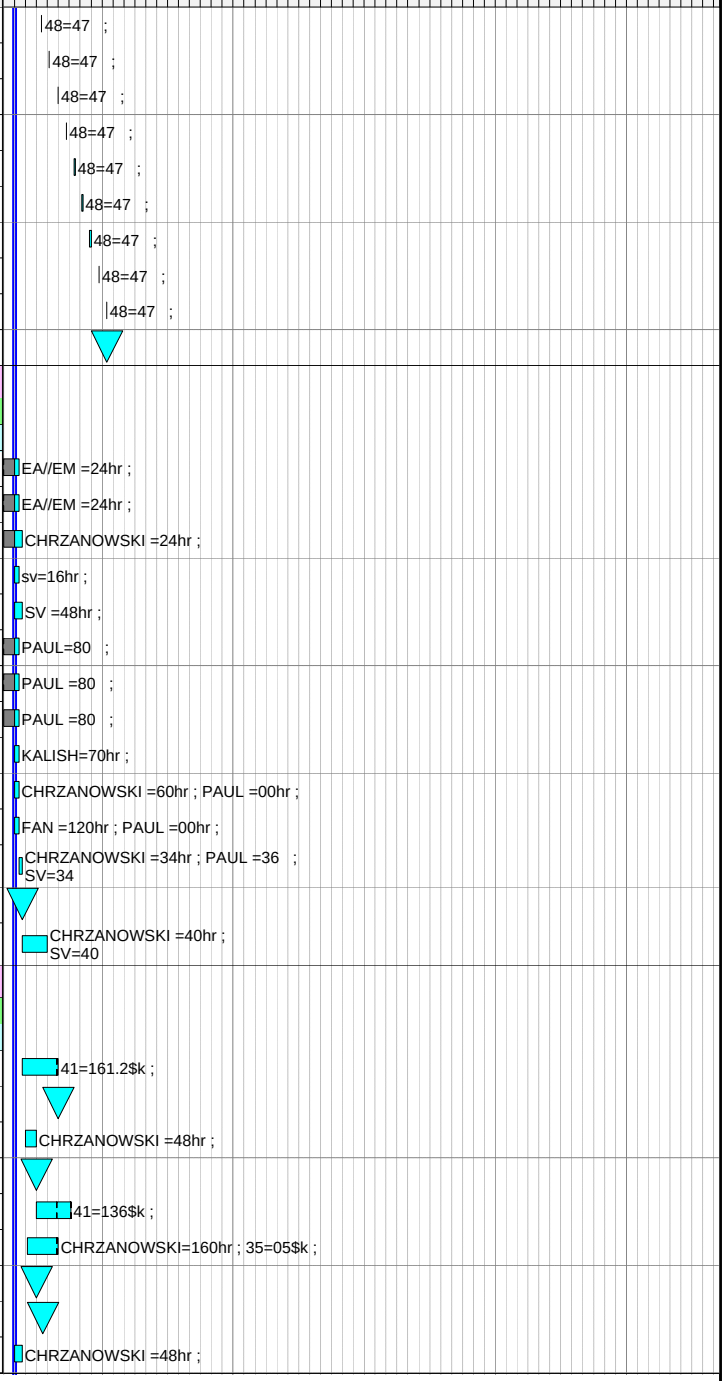
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
131-033C		Title III engr,inspection, support	214*		02JAN08A	30OCT08	1,499	151,764.17

TF Fabrication Contract

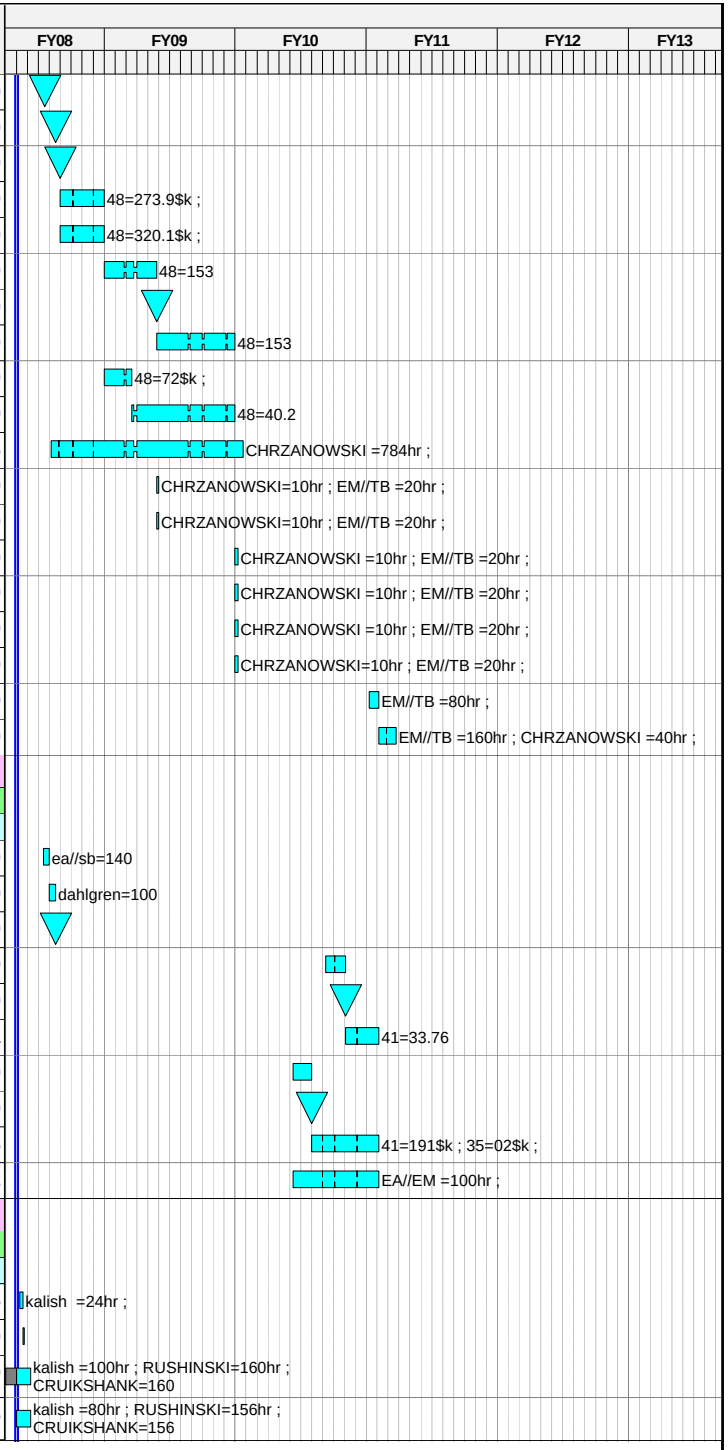
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
1361C-108		Fab, Test & Deliver Coil #8	21*		31JAN08	28FEB08	497	4,720.00
1361C-109		Fab, Test & Deliver Coil #9	1		24MAR08*	24MAR08	496	47,210.00



Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
1361C-110		Fab, Test & Deliver Coil #10	1		15APR08*	15APR08	496	47,210.00
1361C-111		Fab, Test & Deliver Coil #11	1		07MAY08*	07MAY08	496	47,210.00
1361C-112		Fab, Test & Deliver Coil #12	1		30MAY08*	30MAY08	496	47,210.00
1361C-113		Fab, Test & Deliver Coil #13	1		23JUN08*	23JUN08	506	47,210.00
1361C-114		Fab, Test & Deliver Coil #14	1		16JUL08*	16JUL08	506	47,210.00
1361C-115		Fab, Test & Deliver Coil #15	1		07AUG08*	07AUG08	506	47,220.00
1361C-116		Fab, Test & Deliver Coil #16	1		29AUG08*	29AUG08	506	47,220.00
1361C-117		Fab, Test & Deliver Coil #17	1		23SEP08*	23SEP08	506	47,220.00
1361C-118		Fab, Test & Deliver Coil #18	1		15OCT08*	15OCT08	506	47,220.00
1351-195X	2	ALL TF COILS DELIVERED	0			15OCT08	506	0.00
Job: 1302 - PF Design -CHRZANOWSKI								
1302-200		Complete PF Coil SRD	45*		03DEC07A	12FEB08	314	1,700.16
1302-210		Update PF Coil SDD	101*		12SEP07A	12FEB08	320	850.08
1302-240		Disposition PDR Chits	36*		02JAN08A	20FEB08	314	850.08
1302-214		Prepare,Review & Approve conductor spec	9*		01FEB08A	13FEB08	319	2,833.60
1302-216		Prepare,Review & Approve coil spec	16*		31JAN08A	21FEB08	313	8,500.80
1302-235		Detail Drawings PF4	36*		14DEC07A	12FEB08	320	460.48
1302-245		Detail Drawings PF5	36*		14DEC07A	12FEB08	320	460.48
1302-260		Detail Drawings PF6	30*		02JAN08A	12FEB08	320	460.48
1302-250		Analysis Support	9*		31JAN08A	12FEB08	320	12,397.00
1302-217		Drawing Support	9*		31JAN08A	12FEB08	320	10,626.00
1302-218		PF Stress Analysis with leads	9*		31JAN08A	12FEB08	314	21,252.00
1302-265		Prepare for FDR	6*		13FEB08	20FEB08	314	16,187.12
1302-270	3	PF Coils - FDR	0	R		21FEB08	313	0.00
1302-275		Resolve FDR Chits	51		22FEB08*	02MAY08	1,255	14,168.00
Job: 1352 - PF Coil Procurement-CHRZANOWSKI								
PF Coil Fabrication								
141-038.1		PF Conductor Delivery	65		21FEB08A	30MAY08	389	200,210.40
141-035D		PPPL Receive PF conductor	0			30MAY08	389	0.00
141-039		Bid & Award Materials	21		03MAR08*	31MAR08	1,581	8,500.80
141-040		PF Materials Awarded	0			31MAR08	1,581	0.00
1352-100		Materials Delivery PF 4,5,6	68		01APR08	07JUL08	1,581	168,502.14
141-035		Bid & Award PF Coil Fabrication	60*		07MAR08*	30MAY08	303	34,276.00
141-035A		PF Coil Proposals Due	0			02APR08*	303	0.00
141-035B		Proposal evaluation complete	0			16APR08*	303	0.00
141-037		Bid & Award Conductor	15*		31JAN08A	20FEB08	389	8,500.80



Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
141-035C		SPEB Evaluation complete	0			18APR08*	303	0.00
141-035E		DOE Approval	0			16MAY08*	303	0.00
141-036	2	PF Coils Awarded	0			30MAY08	303	0.00
1352-121		Design/Fab Tooling for PF 5	85		02JUN08	30SEP08	304	273,900.00
1352-122		Design/Fab Tooling for PF 6	85		02JUN08	30SEP08	303	320,100.00
1352-145		Fabricate/Dlvr PF 5 & 6 Lower	95		01OCT08	23FEB09	304	156,519.00
1352-145M	2	PF 5&6 Lower Delivered	0			23FEB09	304	0.00
1352-146		Fabricate/Dlvr PF 5 & 6 Upper	154		24FEB09	30SEP09	456	156,519.00
1352-120		Tooling for PF 4	55		01OCT08	18DEC08	303	73,656.00
1352-151		Fabricate/Dlvr PF 4 lower & upper	194		19DEC08	30SEP09	303	41,124.60
141-031		Title III engr WBS 132	370		05MAY08	23OCT09	1,255	144,865.76
141-901		PF5 Lower Inspection & Test	5		24FEB09	02MAR09	304	3,545.70
141-902		PF6 Lower Inspection & Test	5		24FEB09	02MAR09	304	3,545.70
141-905		PF5 Upper Inspection & Test	5		01OCT09	07OCT09	456	3,649.20
141-906		PF6 Upper Inspection & Test	5		01OCT09	07OCT09	457	3,649.20
141-900		PF4 Lower Inspection & Test	5		01OCT09	07OCT09	303	3,649.20
141-900A		PF4 Upper Inspection & Test	5		01OCT09	07OCT09	461	3,649.20
141-903		Refurbish PF 1a	20		08OCT10*	04NOV10	154	7,229.60
141-904		Assemble PF1a and CS structure	30		05NOV10	20DEC10	154	22,566.40
Job: 1353 - CS Structure Procurement-PERRY								
CS Support Structure								
1353-001		Design PF1a upper to lower interconnect bus	12		15APR08*	30APR08	664	16,116.80
1353-002		Engr & analysis of bus	14		01MAY08	20MAY08	664	17,710.00
1353-002A		FDR	0			20MAY08	664	0.00
1353-003		Bid & Award PF1a bus	39		10JUN10	04AUG10	154	0.00
1353-004		Award PF1a bus	0			04AUG10	154	0.00
1353-005		Fab & Deliver PF1a bus	65		05AUG10	04NOV10	154	45,565.61
163-035		Bid & Award CS Support Struct	40		09MAR10	03MAY10	154	0.00
163-036.9		Award CS Support Structure	0			03MAY10*	154	0.00
163-037		CS Support Structure Procurement/Fab	130		04MAY10	04NOV10	154	258,801.16
163-015		Title III design CS sprt struc	170*		09MAR10	04NOV10	154	19,433.82
Job: 1354 - Trim Coil Design &Procurement-KALISH								
Trim Coil **Updated estimate**								
TRIM-020		Trim Coil System Requirements Document	12		07FEB08A	15FEB08	251	2,762.76
TRIM-030		Review and Approve SRD	5		18FEB08*	22FEB08	251	0.00
TRIM-070		Prelim trim coil concept & reqmnts	50*		02JAN08A	11MAR08	259	12,397.00
TRIM-071		Layout/Design coils & supports	29*		31JAN08*	11MAR08	259	30,051.26

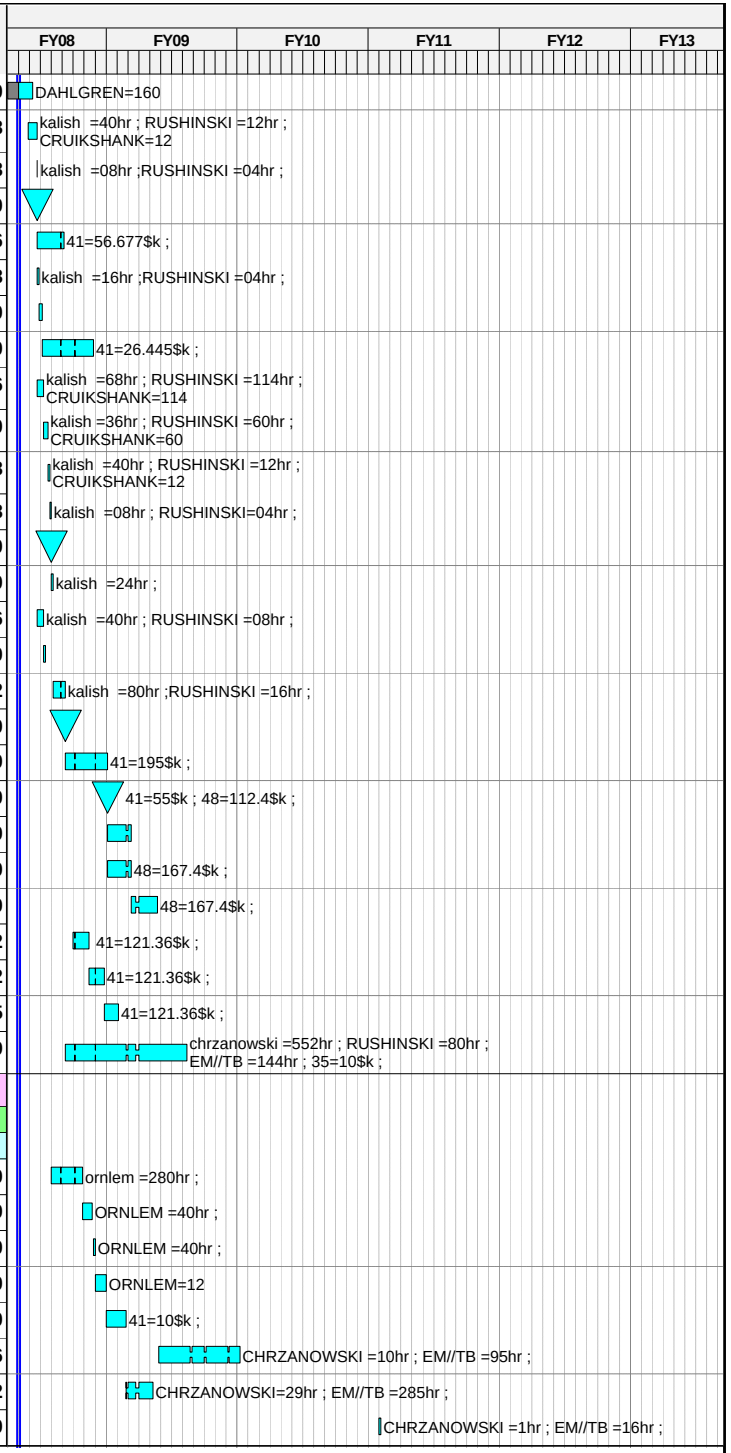


Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
TRIM-080		Analysis	50*		02JAN08A	11MAR08	259	21,252.00
TRIM-090		Prepare for PDR	20*		25FEB08	21MAR08	251	9,846.88
TRIM-100		Trim Coil PDR	1		24MAR08	24MAR08	251	1,877.28
TRIM-101	2	** Trim Coil PDR **	0			24MAR08	251	0.00
TRIM-110		Procure Trim Coil Insulation	50		25MAR08	03JUN08	337	70,396.56
TRIM-130		Prepare Conductor Procurement Spec	3		25MAR08	27MAR08	279	3,294.08
TRIM-140		Review and Approve Conductor Spec.	5		28MAR08	03APR08	279	0.00
TRIM-120		Procure Trim Coil Conductor	100		04APR08	25AUG08	279	6,210.00
TRIM-170		Complete Trim Coil Detailed Drawings	10		25MAR08	07APR08	251	38,290.16
TRIM-200		Assy drawings & parts list	10		08APR08	21APR08	251	20,190.00
TRIM-210		Prepare for FDR	5		22APR08	28APR08	251	9,846.88
TRIM-220		Trim Coil + Structure FDR	1		29APR08	29APR08	251	1,877.28
TRIM-221	2	** Trim Coil + Structure FDR **	0			29APR08	251	0.00
TRIM-230		Resolve Chits	5		30APR08	06MAY08	251	4,250.40
TRIM-150		Prepare Trim Coil Procurement Spec.	10		25MAR08	07APR08	256	8,004.96
TRIM-160		Approve Procurement Spec	5		08APR08	14APR08	256	0.00
TRIM-240		Trim Coil Procurement	25		07MAY08	11JUN08	251	16,009.92
TRIM-250	2	AWARD TRIM COIL PROCUREMENT	0			11JUN08	251	0.00
TRIM-260		Vendor Design and Fixture Fabrication	80		12JUN08	03OCT08	251	242,658.00
TRIM-270		Fabricate Trim Coils for FPA #1	0			03OCT08	251	0.00
TRIM-270M	2	Trim Coils for FPA #1 Delivered	45		06OCT08	09DEC08	251	0.00
TRIM-275		Fabricate Trim Coils for FPA #2	45		06OCT08	09DEC08	316	171,250.20
TRIM-280		Fabricate Trim Coils for FPA #3	45		10DEC08	19FEB09	316	171,250.20
TRIM-300		Fabricate Brackets for 1st FPA	30		01JUL08*	12AUG08	333	150,729.12
TRIM-303		Fabricate Brackets for 2nd FPA	30		13AUG08	24SEP08	383	150,729.12
TRIM-306		Fabricate Brackets for 3rd FPA	30		25SEP08	05NOV08	383	157,460.55
TRIM-399		Title III support & oversight	231		12JUN08	15MAY09	1,367	135,001.39

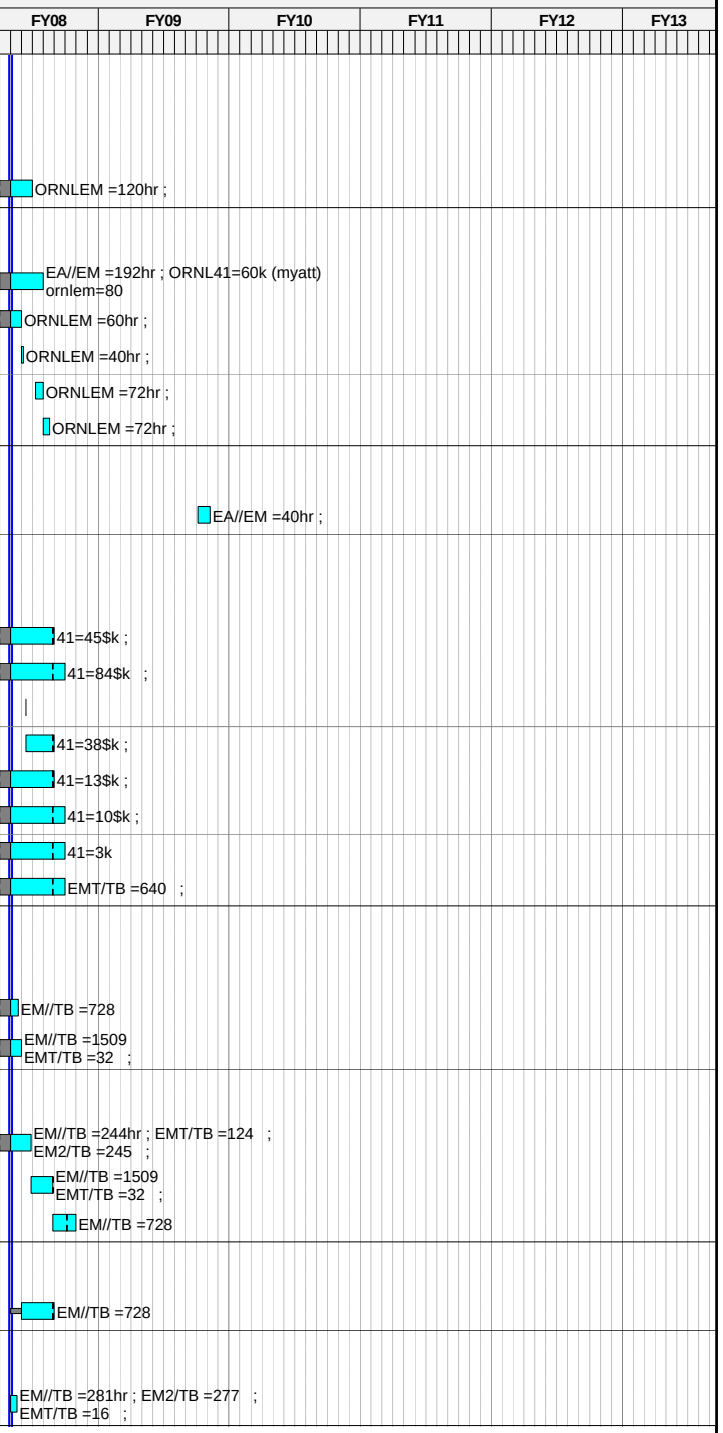
Job: 1355 - WBS 13 I&C Proc and Coil Assy-COLE

TF/PF Loacl I&C

1355-101		Design, and Review	60		01MAY08*	25JUL08	217	42,280.00
1355-103		Prepare Installation Procedures	20		28JUL08	22AUG08	217	6,040.00
1355-105		TF/PF Local I&C - FDR	5	R	25AUG08	29AUG08	217	6,040.00
1355-107		Prep req,bid,award T/C and wire	20		02SEP08	29SEP08	217	1,812.00
1355-109		Deliver of T/C and wire	40		30SEP08	24NOV08	217	13,044.00
1355-111		Installation on PF4,5,6 Coils upon delivery	159*		24FEB09	07OCT09	461	9,822.46
1355-112		Installation on TF Coils upon delivery	45		25NOV08*	06FEB09	217	29,252.92
1355-113		Installation on PF1a Coils upon delivery	3		02NOV10	04NOV10	154	1,648.60

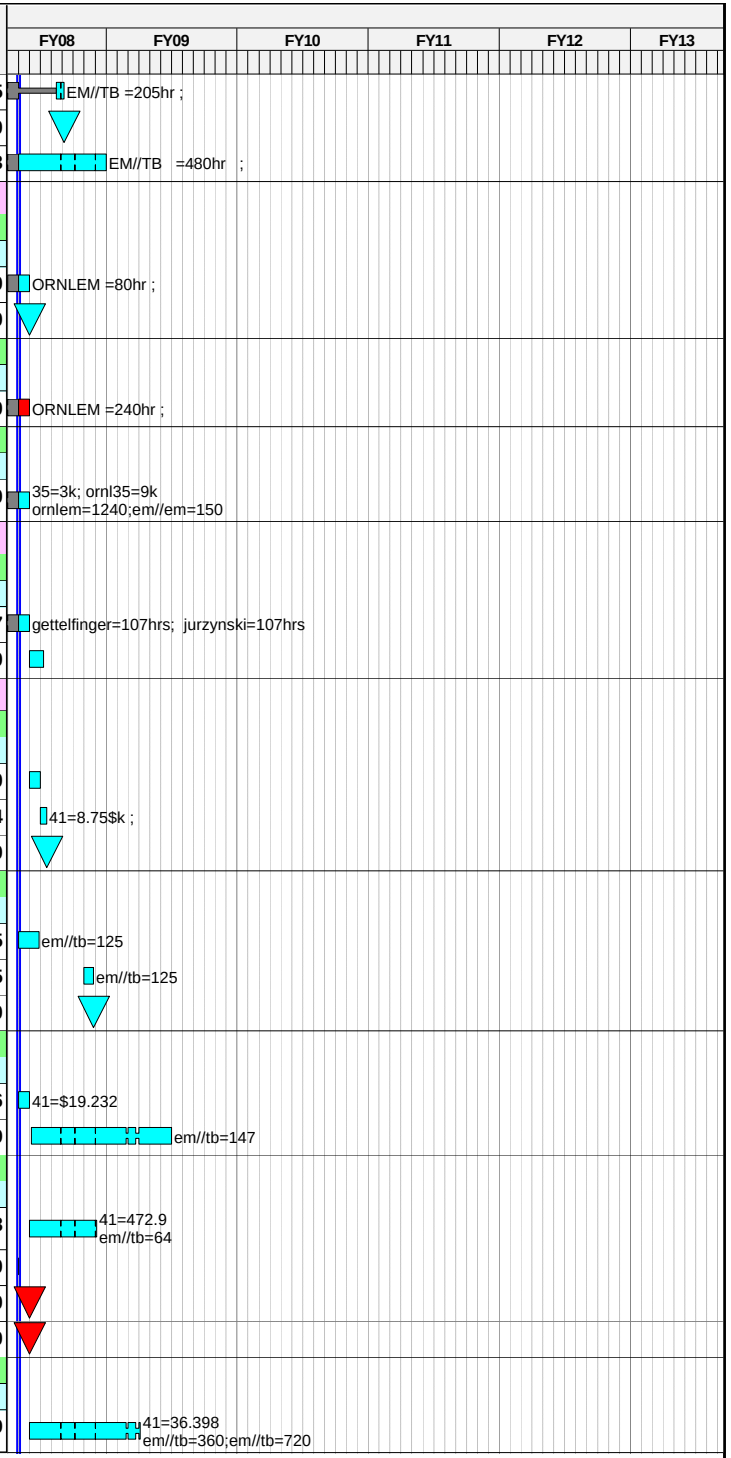


Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
14 - Modular Coils								
Job: 1416 - Mod Coil Type AB Fnl Dsn-WILLIAMSON								
Top level assy models/drawings								
1416-503		Complete models/drawings station 3 Assy	185*		01JUL07A	31MAR08	300	9,060.00
Analysis and closeout documentation								
1416-601	3	Prepare EM and structural analysis of leads	86*		02JAN08A	30APR08	1,627	95,474.88
1416-603		Update, review and approve FMECA	78*		01NOV07A	29FEB08	1,635	453.00
1416-604		Finalize draft documents - materials, eddy curre	5		03MAR08	07MAR08	1,635	6,038.49
1416-605	3	Prepare Type-ABC closeout documentation	15		09APR08*	29APR08	1,613	10,872.00
1416-606		Resolve documentation comments	15		30APR08	20MAY08	1,613	10,872.00
Type C Design Closeout								
1403-47C		Perform cool-down/warmup analysis	26		07JUL09*	11AUG09	1,307	7,497.20
Job: 1408 - MC Winding Supplies-CHRZANOWSKI								
1408-2		Epoxy (existing order)	256*		23MAY07A	02JUN08	1,605	19,002.60
1408-3		Misc and safety supplies ($7k/mo.)	276*		23MAY07A	30JUN08	1,585	40,476.78
1408-4.0		Order Strain Gages	1		14MAR08*	14MAR08	170	0.00
1408-4.1		Procure Strain Gages	55		17MAR08*	02JUN08	170	37,260.00
1408-5		Epoxy/glass for mold shell	255*		23MAY07A	30MAY08	1,606	5,439.96
1408-6		VPI clean manifold contract	276*		23MAY07A	30JUN08	1,585	4,818.96
1408-8		Cutting hardware for flange bolts	276*		23MAY07A	30JUN08	1,585	1,440.72
1408-7		Misc tech shop support	276*		23MAY07A	30JUN08	1,585	19,609.83
Job: 1451 - Mod Coil Winding-CHRZANOWSKI								
Station 2-Winding, Instl Chill Plates,Tubing,Bag								
P3-080		Instl Chill Plates,Tubing,Bag B5	38*	1	20DEC07A	20FEB08	216	8,048.62
P3-161		Wind coil B6	78*	1	01NOV07A	29FEB08	149	12,169.27
Station 3-Casting Prep & Winding								
P1-151		Receive A6, Prep& Instl Cladding	97*	1.5	01NOV07A	27MAR08	93	30,206.03
P1-161		Wind coil A6	75	1	28MAR08	27MAY08	93	121,692.77
P1-170		Instl Chill Plates,Tubing,Bag A6	44	1	28MAY08	29JUL08	93	57,490.16
Station 4-Winding, Instl Chill Plates,Tubing,Bag								
P3-170		Instl Chill Plates,Tubing,Bag B6	42	1	31JAN08A	02JUN08	149	57,490.16
Station 5-VPI								
P2-051V		VPI (Station 5) C6	12*	1	31JAN08A	15FEB08	193	34,225.58

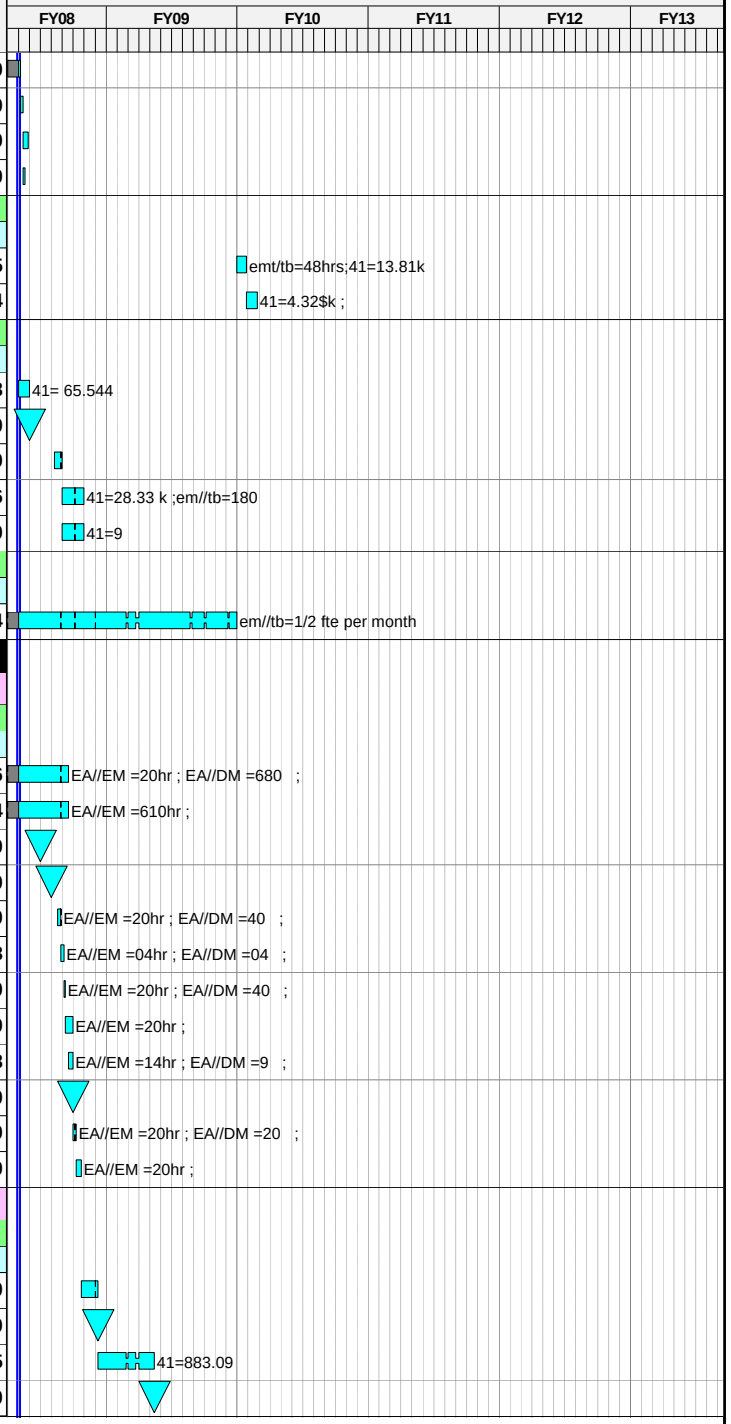


Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
P2-171V		VPI (Station 5) B5	19*	1	21FEB08	18MAR08	216	47,514.31
P3-171V		VPI (Station 5) B6	19	1	03JUN08	27JUN08	149	47,514.31
P1-171V		VPI (Station 5) A6	19	1	30JUL08	25AUG08	93	47,514.31
P3-171VM	2	COMPLETE VPI OF 18th MOD COIL	0	1		25AUG08	93	0.00
Station 1 Post VPI								
P2-051C		Final Clamps & Warm Test (Station1) C6	43	1	18FEB08	16APR08	193	24,006.88
P3-171C		Final Clamps & Warm Test (Station1) B5	16	1	17APR08	08MAY08	195	24,006.88
P2-171C		Final Clamps & Warm Test (Station1) B6	16	1	30JUN08	22JUL08	149	24,006.88
P1-171C		Final Clamps & Warm Test (Station1) A6	16	1	26AUG08	17SEP08	93	24,006.88
LOE Oversight & Supervision								
145XSPRV-2		Winding Engineering oversight and supervision	314*		01MAY07A	31JUL08	1,563	74,971.74
145XSPRV-3		Winding Engineering oversight and supervision	356*		01MAY07A	30SEP08	1,521	84,886.56
145XSPRV-A		Winding Engineering oversight and supervision	185*		01NOV07A	31JUL08	1,563	189,776.65
Job: 1459 - Mod Coil Fabr.Punch List-CHRZANOWSKI								
Punchlist Tech shop/RESA								
PLTS-C3		Grinding & Drill Holes -C3	102*	1	01OCT07A	03MAR08	187	8,339.23
PLTS-C4		Grinding & Drill Holes -C4	5	1	01OCT07A	10MAR08	214	17,815.63
PLTS-C5		Grinding & Drill Holes -C5	5	1	01OCT07A	17MAR08	1,659	18,763.27
PLTS-B5		Grinding -B5	5	1	09MAY08	15MAY08	195	3,869.53
PLTS-A6		Grinding -A6	5	1	01OCT07A	19SEP08	93	270.87
PLTS-B6		Grinding -B6	5	1	23JUL08	29JUL08	149	3,869.53
PLTS-C6		Grinding & Drill Holes -C6	20	1	17APR08	14MAY08	193	18,952.80
PLTS-GRIND		Coil to coil fitup modifications (grinding/cp)	165*	1	01DEC07A	31JUL08	1,563	69,177.72
Punchlist- Coil Technicians								
PLCT-A3		Insul,measure,TC, other punch list-A3	17	1	05JUL07A	14FEB08	174	2,854.77
PLCT-A4		Insul,measure,TC, other punch list-A4	17	1	06JUL07A	05MAR08	174	11,990.02
PLCT-B3		Insul,measure,TC, other punch list-B3	14	1	01OCT07A	20MAR08	174	2,114.82
PLCT-C3		Insul,measure,TC, other punch list-C3	18	1	01OCT07A	07APR08	174	10,431.15
PLCT-B4		Insul,measure,TC, other punch list-B4	14	1	01OCT07A	21APR08	174	1,464.10
PLCT-C4		Insul,measure,TC, other punch list-C4	14	1	25JUL07A	02MAY08	184	10,461.95
PLCT-A5		Insul,measure,TC, other punch list-A5	14	1	30JUL07A	12MAY08	184	13,502.29
PLCT-A6		Insul,measure,TC,SG other punch list-A6	14	1	01OCT07A	09OCT08	93	13,895.54
PLCT-B5		Insul,measure,TC, other punch list-B5	14	1	01OCT07A	29OCT08	93	14,288.80
PLCT-C5		Insul,measure,TC, other punch list-C5	18	1	01OCT07A	06NOV08	93	4,475.17
PLCT-B6		Insul,measure,TC,SG other punch list-B6	14	1	01OCT07A	18AUG08	149	13,502.29

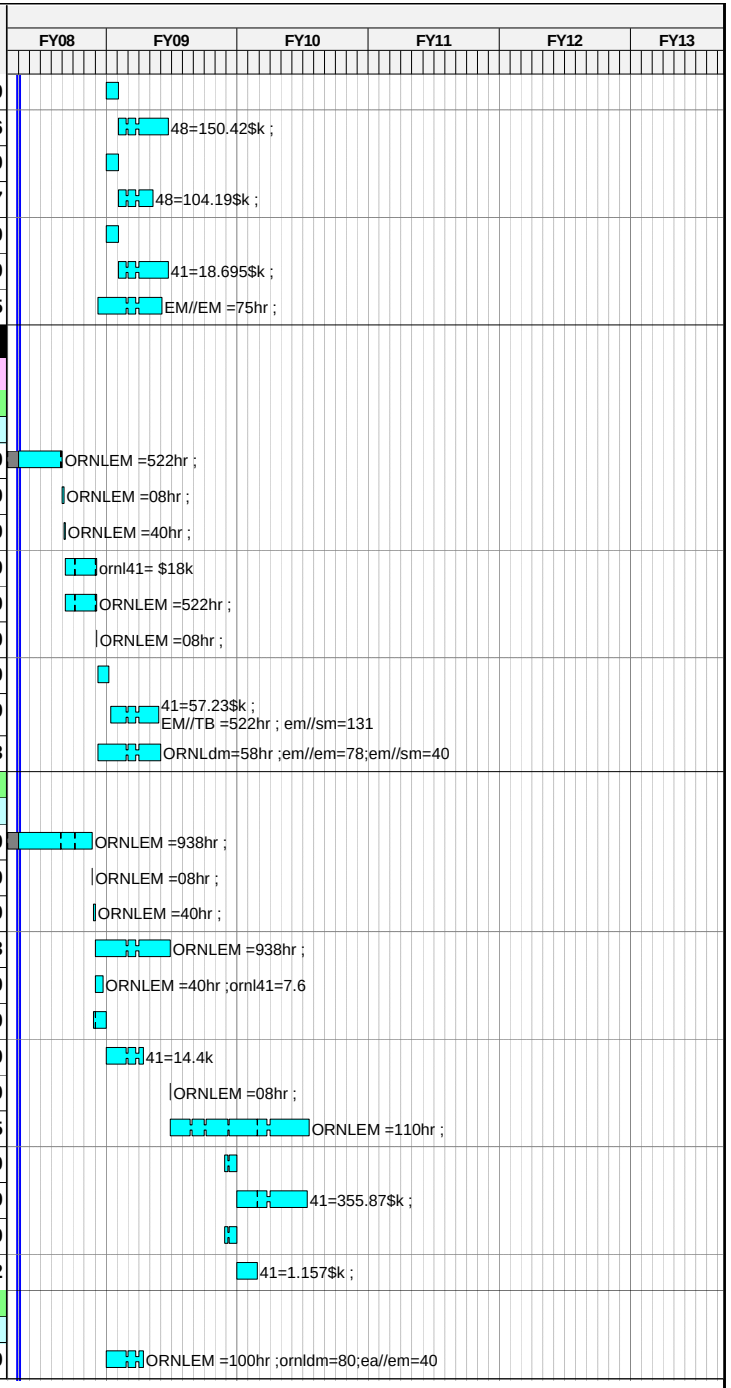
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
PLCT-C6		Insul,measure,TC,SG other punch list-C6	14	1	01OCT07A	04JUN08	193	13,436.75
PLCT-C6M		COMPLETE MODULAR COIL FABRICATION	0	1		04JUN08	193	0.00
PLCT-CRANE		Crane support	207*	1	01DEC07A	30SEP08	1,521	31,310.03
Job: 1421 - Mod Coil Interface Design-WILLIAMSON								
Outboard Interface-Bolted Joint Tests-Shear								
1421-3119B		Document test results	42*		02JAN08A	28FEB08	1,670	0.00
1421-3999		Peer Review of Test Result	0			29FEB08	1,670	0.00
Inboard Interface-AB/BC/AA								
1421-3138		Resolve issues, release assembly spec&drawings	58*		03DEC07A	29FEB08	0	3,624.00
INTRF-100		Misc travel, meetings,reporting,job 1416&1421	207*		01MAY07A	29FEB08	1,670	23,622.70
Job: 1429 - MC Interface R&D-DUDEK								
Outboard Interface-Friction								
1429-3029		Bolt Tests 3&4 Write Report (see 1421-3067to3090	143*		01AUG07A	29FEB08	1,670	4,684.27
1429-3030		G-10 Test	30		03MAR08*	11APR08	1,640	0.00
Job: 1431 - Mod. Coil Interface Hardware-DUDEK								
Bladders								
1421-3024		Prep Req, Bid,& Award Remaining Bladders	21*		03MAR08*	31MAR08	114	0.00
1421-3025		Deliver remaining bladders	14*		01APR08	18APR08	114	5,427.54
1421-3028		Bladders available	0			18APR08	114	0.00
Bushings								
1421-3117		PPPL Machine bushings Bushings FPA 2	40*		31JAN08A	26MAR08	149	9,871.25
1421-3115		PPPL Machine bushings Bushings FPA 3	20		01AUG08*	28AUG08	186	9,871.25
1421-3109		All Bushings Fabricated	0			28AUG08	186	0.00
Pucks								
1429-3105		Deliver bar stock	22*		31JAN08A	29FEB08	17	23,883.66
1429-3110		PPPL cut and grind to thickness	268*		05MAR08	31MAR09	17	11,913.89
Shims-Outboard								
1429-3066		Outboard Shims	130		03MAR08*	03SEP08	90	592,395.88
1429-3066H		Deliver 1st HP shims to PPPL	1		31JAN08*	31JAN08	20	0.00
1429-3069		Outboard Shims Available for 1st 3 pack MC assy	0			28FEB08	0	0.00
S21-5.04X		Shims required for 1st 3 pack MC assy	0			29FEB08	0	0.00
Shims-Inboard								
1429-3062X		Inboard Shims	208		03MAR08*	02JAN09	74	132,566.39



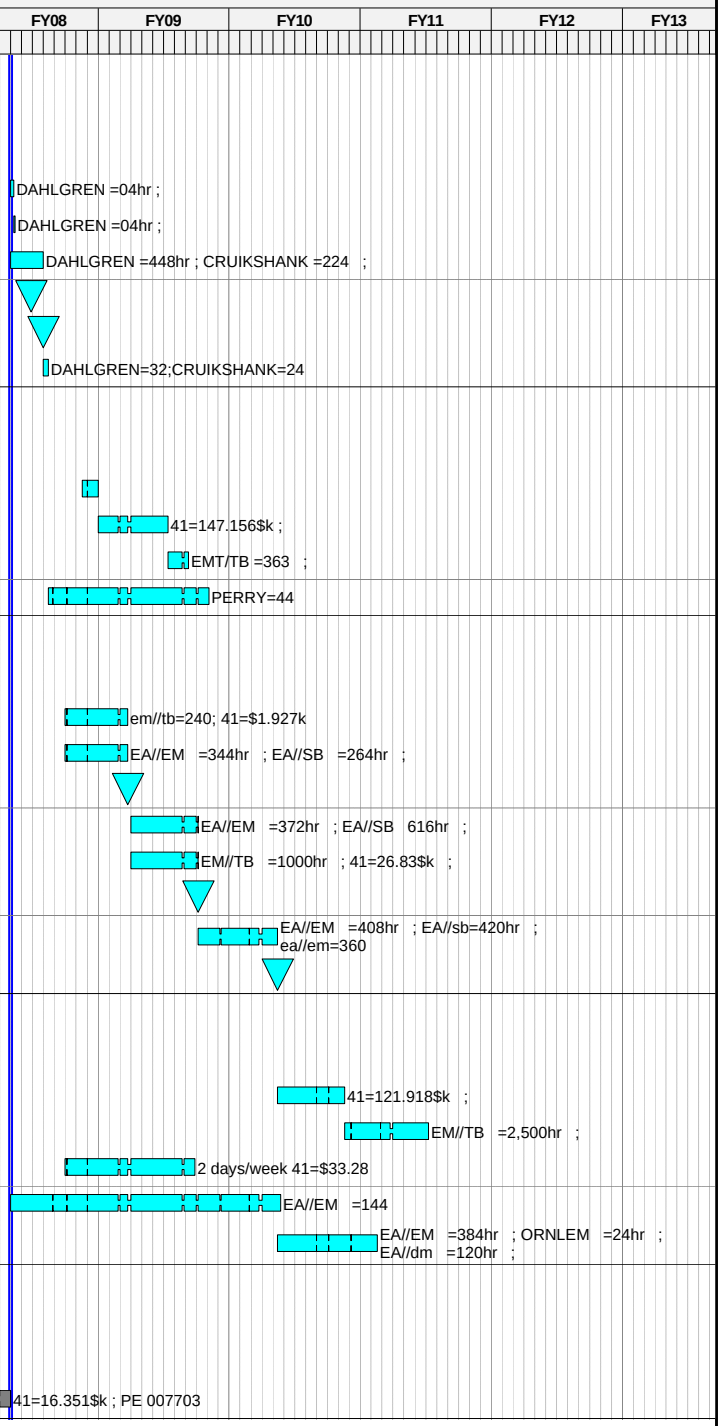
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
1429-3060B		PPPL water jet cut inboard shims	3		03JAN08A	05FEB08	13	0.00
1429-3060A		PPPL mill inboard shims to thickness (for A-B)	5		06FEB08	12FEB08	13	0.00
1429-3060D		PPPL mill inboard shims to thickness (for B-C)	10		13FEB08	26FEB08	93	0.00
1429-3060C		PPPL anneal inboard shims	3		13FEB08	15FEB08	13	0.00
Shims- C-C Joint								
1429-3062C		PPPL Cut, Grind, debur Inboard &Outboard Shims	20		01OCT09*	28OCT09	212	22,592.45
1429-3066C		Apply Alumina to In/OutboardShims	20		29OCT09	25NOV09	212	5,775.84
Studs,Washers,Nuts								
1421-3062		balance of studs for a-b-b-c joint PE007717	21*		01FEB08A	29FEB08	134	81,400.68
1421-3063		Stud kits available for balance of MC assy	0			29FEB08	134	0.00
1421-3070		Order studs & washers for c-c joint	15		12MAY08*	02JUN08	534	0.00
1421-3072		Deliver studs & washers for c-c joint	40		03JUN08	29JUL08	534	50,021.46
1421-3073		Deliver supernuts for c-c joint	40		03JUN08*	29JUL08	547	11,178.00
Misc Tech Shop Support								
1421-4000		Misc Tech Shop support through sta 2 (1/2 mm/mo.	499*		01OCT07A	30SEP09	1,272	118,729.64
15 - Coil Structures								
Job: 1501 - Coil Structures Design-DAHLGREN								
1501-533		Detail CAD Drawings,BOM	260*		01JUN07A	16JUN08	212	28,638.26
1501-533F		Integrated Stress Analysis	176*		01OCT07A	16JUN08	222	25,927.44
1501-536		Issue dwgs for review	0			01APR08*	245	0.00
1501-535		Develop Interfaces with cryostat	0			01MAY08*	243	0.00
1501-549		Update C.S.Support Attacgment Design	6		19MAY08	27MAY08	212	8,146.80
1501-550		Peer review C.S.Design	5		28MAY08	03JUN08	212	1,168.88
1501-554		Resolve CS peer review Chits	5		04JUN08	10JUN08	212	8,146.80
1501-562		Prepare Specs for Coil Structure & CSS h/w	14		11JUN08	30JUN08	212	3,542.00
1501-537		FDR Prep	10		17JUN08	30JUN08	212	3,515.48
1501-541	3	Coil Support Structures - FDR	0			30JUN08	212	0.00
1501-545		Resolve Chits	5		01JUL08	08JUL08	212	5,844.40
1501-558		Prepare requisition for Coil Structure & CSS h/w	10		09JUL08	22JUL08	212	3,542.00
Job: 1550 - Coil Struct. Procurement -PERRY								
1501-245		Solicit Bids, and Evaluate Bids	35		23JUL08	10SEP08	212	0.00
162-036.9	2	Award Coil Support Structure	0			10SEP08*	212	0.00
162-037		Fabricate structure components	100		11SEP08	10FEB09	212	1,145,403.05
162-037M	2	Deliver Coil Structure components	0			10FEB09	212	0.00



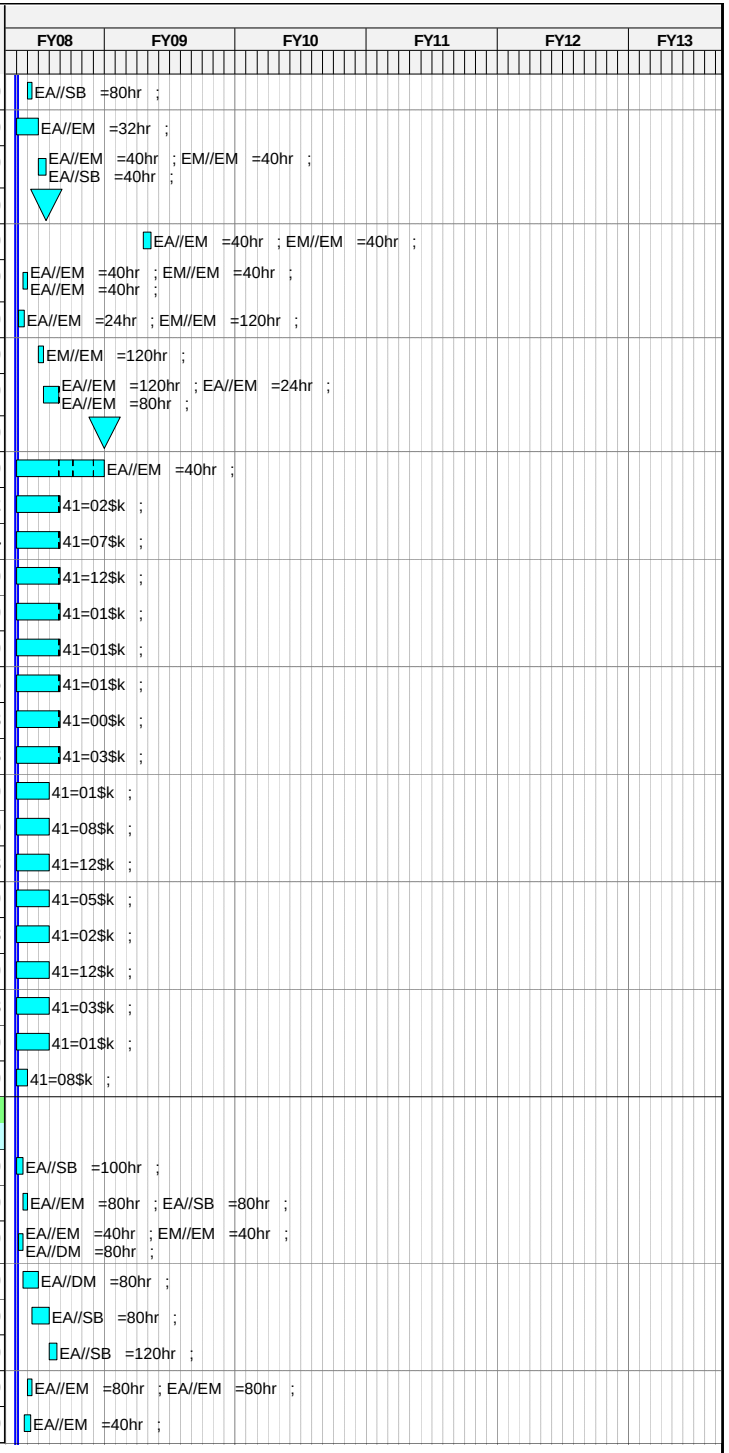
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
162-050		Prep req, bid and award G11/Teflon parts	25		01OCT08*	04NOV08	183	0.00
162-051		Deliver G11/Teflon parts	90		05NOV08	23MAR09	183	153,879.66
162-052		Prep req, bid and award Inconnel hardware	25		01OCT08*	04NOV08	213	0.00
162-053		Deliver Inconnel hardware	60		05NOV08	09FEB09	213	106,586.37
162-055		Prep req, bid and award Belleville Washers	25		01OCT08*	04NOV08	183	0.00
162-057		Deliver Belleville Washers	90		05NOV08	23MAR09	183	24,422.20
162-031		Title III engr WBS 151	117		11SEP08*	05MAR09	1,418	12,125.75
16 - Coil Services								
Job: 1601 - Coil Services Design-GORANSON								
161 - LN2 Distribution								
191-001		Title I design WBS 161 LN2 manifolds&piping	166*		01OCT07A	02JUN08	231	48,937.50
191-002	3	LN2 manifolds&piping- PDR	1		03JUN08	03JUN08	231	1,208.00
161-003	3	Resolve PDR comments	5		04JUN08	10JUN08	231	6,040.00
161-011A		R&D build mounts & lead terminations	60		11JUN08	04SEP08	231	24,040.00
191-011		Title II design WBS 161 LN2 manifolds&piping	60		11JUN08	04SEP08	231	65,250.00
191-012		LN2 manifolds&piping - FDR	1		05SEP08	05SEP08	231	1,208.00
191-037		Prep Req,Bid,Award-manifolds,hoses,valves etc	25		08SEP08*	10OCT08	231	0.00
191-038		Fab and deliver-manifold assy,hoses,valves etc	90		13OCT08*	26FEB09	231	136,453.09
191-031		Title III engr WBS 161	118		08SEP08	03MAR09	1,420	24,040.53
162 - Electrical Leads								
132-001		Title I design WBS 162 Coil leads	180*		03DEC07A	21AUG08	199	91,800.00
132-002		Electrical Coil leads - PDR	1		22AUG08	22AUG08	199	1,208.00
162-003		Resolve PDR comments	5		25AUG08	29AUG08	337	6,040.00
132-011		Title II design WBS 162 Coil leads	139		02SEP08	26MAR09	337	119,231.03
162-011A		R&D pressure drop simulation	15		02SEP08	22SEP08	461	13,640.00
162-013		Release final drawings for MC lead stubs	26		25AUG08	30SEP08	241	0.00
162-013.1		Procure MC lead stubs	65		01OCT08	12JAN09	241	18,806.40
132-012		Electrical Coil leads - FDR	1		27MAR09	27MAR09	337	1,263.60
132-015		Title III design WBS 162 Coil leads	263		30MAR09	19APR10	337	17,778.35
132-037		Prep Req,Bid,Award Lead hardware and cables	25		26AUG09	30SEP09	340	0.00
132-038		Deliver Lead hardware and cables	130		01OCT09*	14APR10	340	475,798.19
132-047		Prep Req,Bid,Award Material for transition box	25		26AUG09	30SEP09	427	0.00
132-048		Deliver Material for Transition Boxes	40		01OCT09*	25NOV09	427	1,550.92
163 - Coil Protection System								
163.001		Design Coil protection(input to WBS 4 & 5)	65		01OCT08*	12JAN09	435	31,576.20



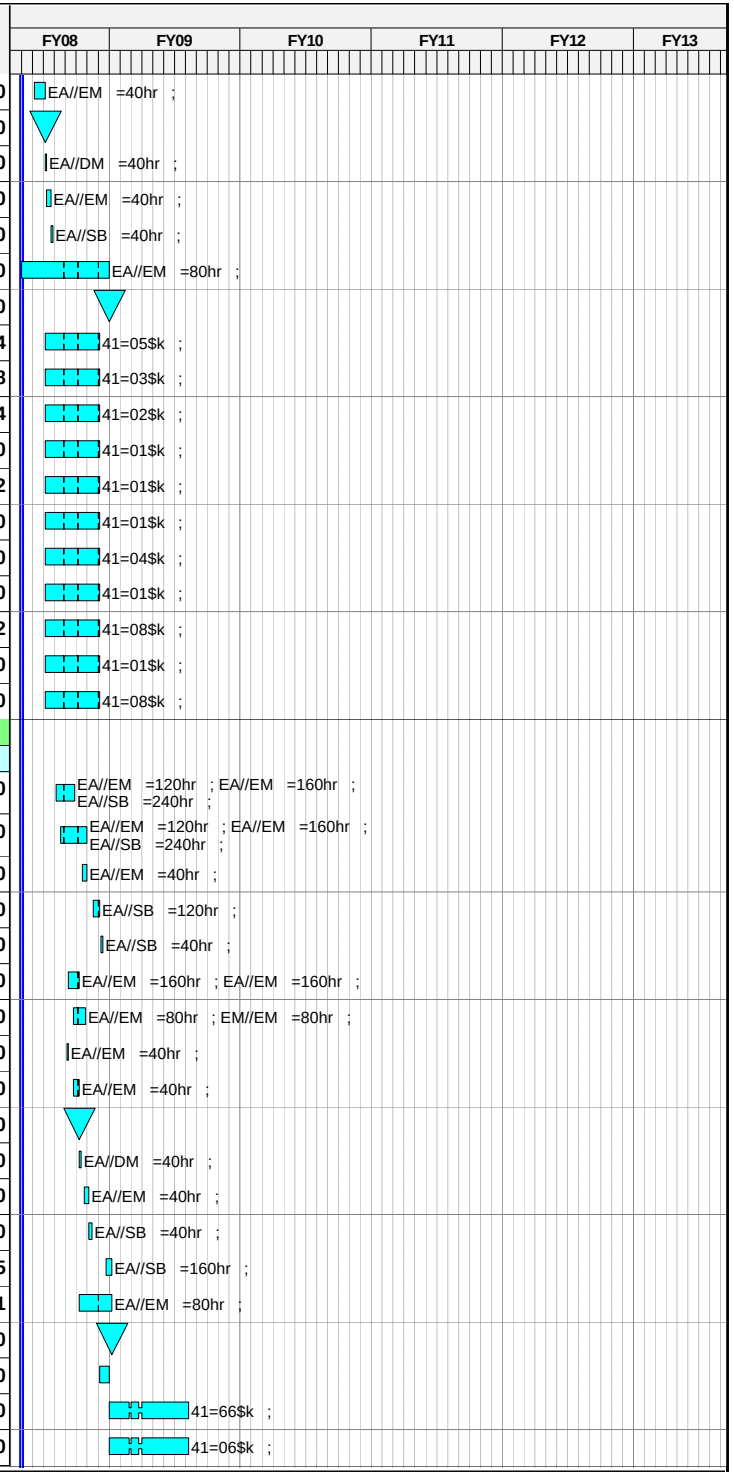
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
17 - Cryostat and Base Support Structure								
Job: 1702 - Base Support Struct Design-DAHLGREN								
1702-515	3	Base support - PDR	5	R	31JAN08	06FEB08	202	3,506.64
1702-516	3	Disposition PDR chits	5	R	07FEB08	13FEB08	202	2,833.60
1702-520		Final design. Assy dwgs, fab dwgs, BOMs,specs/SO	64*		01FEB08A	30APR08	147	127,230.72
1702-521	2	Issue dwgs for comment	0			28MAR08*	170	0.00
1702-525M	2	Base Support Structure FDR	0			30APR08	147	0.00
1702-530		Resolve chits, issue dwgs for fab,Issue requisit	10		01MAY08	14MAY08	147	8,430.08
Job: 1752 - Base Support Proc-PERRY								
172 - Base Support Structure								
161-036.8	3	Bid and award base support materials	30		19AUG08*	30SEP08	177	0.00
161-036.9	3	Deliver base support materials	130		01OCT08	13APR09	177	192,190.96
161-037		PPPL assemble structure	40		14APR09*	09JUN09	177	30,335.91
161-038		Title III	306		15MAY08*	05AUG09	1,311	7,037.18
Job: 1701 - Cryostat Design-RAFTOPOLOUS								
1701-099		Cryostat- Tabletop Prototype	122		01JUL08*	23DEC08	115	21,933.43
1701-100		Cryostat- Conceptual Design	122		01JUL08*	23DEC08	115	93,845.62
1701-100M	2	Cryostat- CDR	0			23DEC08	115	0.00
1701-101		Cryostat- Preliminary Design	130		02JAN09	06JUL09	115	144,771.24
1701-103		Cryostat-R&D/prototype	130		02JAN09	06JUL09	115	118,609.98
1701-121	3	Cryostat- PDR	0	R		06JUL09	115	0.00
1701-131		Cryostat- Final Design	148		07JUL09	12FEB10	115	198,463.26
1701-141	2	Cryostat- FDR	0	R		12FEB10	115	0.00
Job: 1751 - Cryostat Procurement-RAFTOPOLOUS								
1751-151		Cryostat- Procure Materials and Supplies	130		15FEB10	17AUG10	116	163,007.04
1751-161		Cryostat- Fabricate Components	160		18AUG10	11APR11	116	223,813.13
1751-169		Cryostat & Cryogenic systems cryo consultant	247		01JUL08*	26JUN09	1,338	42,911.80
1751-170		Cryostat & Cryogenic systems oversight&reporting	512		31JAN08	19FEB10	1,180	26,634.65
1751-171		Cryostat- Title III	195		15FEB10	17NOV10	990	93,905.12
18 - Field Period Assembly								
Job: 1803/1805- FPA Tooling/Constr-BROWN/DUDEK								
Station 3-Modular Coil to VVSA Assembly								
1803-3.11		Deliver Support Cart (PE 007703)	69*		15OCT07A			0.00



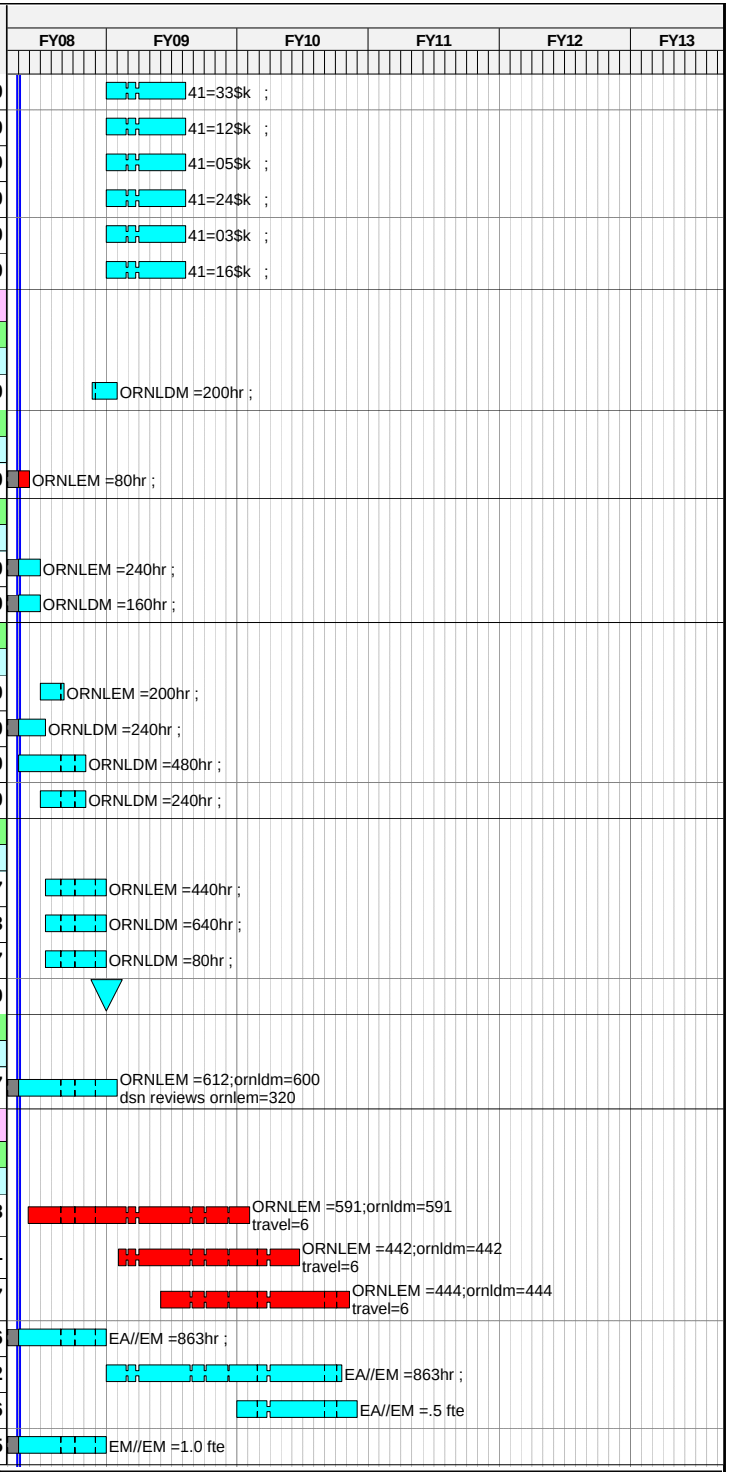
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
1803S3-1		Flange bolt/VV support access platform	10*		03MAR08*	14MAR08	248	9,074.40
1803S3-2		Updated Stations 3 and 5 sequence plan	43*		31JAN08*	31MAR08	208	5,667.20
1803S3-3		Station 3 alignment FDR and clean-up activities	15		01APR08*	21APR08	208	17,772.40
1803S3-3M		Station 3 alignment FDR	0			21APR08	208	0.00
1803S3-4		Generate laser screen trace drawings (3 periods)	15		19JAN09	06FEB09	84	14,007.20
1803S3-5		Analyze single point lift (proof test of support	10*		18FEB08*	29FEB08	258	20,319.20
1803S3-6		Station 3 simulation detail model	15*		04FEB08*	22FEB08	263	22,704.00
1803S3-7		VV/MC clearance study (for VVSA1, 2 and 3)	11*		01APR08*	15APR08	196	18,453.60
1803S3-8		Station 3 deflection FEA study	30		16APR08	28MAY08	196	39,670.40
1803S3-10		Complete station 3 design & analysis	0			30SEP08	109	0.00
1803S3-9		Oversite, cost and schedules, reviews	171		31JAN08*	30SEP08	109	7,084.00
1805S3-2		Left side base grout plates	85		31JAN08	29MAY08	181	2,620.62
1805S3-3		MCHP lift fixture frame weldment	85		31JAN08	29MAY08	181	9,091.44
1805S3-4		Lift fixture mounting bracket weldments	85		31JAN08	29MAY08	181	14,717.70
1805S3-5		Reworked laser frame structure	85		31JAN08	29MAY08	181	1,117.80
1805S3-6		Right inboard laser frame structure	85		31JAN08	29MAY08	181	1,055.70
1805S3-7		Left inboard laser frame structure	85		31JAN08	29MAY08	181	844.56
1805S3-8		Laser screen lexan sheet (1/8 x 48" x 96")	85		31JAN08	29MAY08	181	546.48
1805S3-9		Estimate for Station 2 type alignment system	85		31JAN08	29MAY08	181	4,024.08
1805S3-100		Hardware & Misc items	65		31JAN08	30APR08	201	1,242.00
1805S3-110		Misc assembly Cost	65		31JAN08	30APR08	201	10,060.20
1805S3-201		MC base support system (left / rt side)	65		31JAN08	30APR08	201	15,512.58
1805S3-202		Hilman roller - 8-0T plus R & U guides	65		31JAN08	30APR08	201	5,899.50
1805S3-203		AirLoc Wedgmount Precision Levelers	65		31JAN08	30APR08	201	2,347.38
1805S3-204		Lift fixture mounting bracket weldments	65		31JAN08	30APR08	201	14,717.70
1805S3-205		Estimate for Station 2 type alignment system	65		31JAN08	30APR08	201	4,024.08
1805S3-206		Hardware & Misc items	65		31JAN08	30APR08	201	1,242.00
1805S3-207		Misc assembly Cost	22*		31JAN08A	29FEB08	244	10,060.20
Station 5-Final Field Period Assembly								
1803S5-2		Circular ports assembly tooling models and dwgs	12*		31JAN08A	15FEB08	392	11,343.00
1803S5-3		VV port alignment tooling	10*		18FEB08A	29FEB08	392	23,242.40
1803S5-4		Station 5 (and 3) lift fixture structures and li	10*		04FEB08*	15FEB08	371	22,444.80
1803S5-5		Port 4 assembly tooling, models and dwgs	31		18FEB08	31MAR08	371	9,209.60
1803S5-6		Complete external platform models	33*		17MAR08*	30APR08	332	9,074.40
1803S5-7		VV work platforms	17		01MAY08	23MAY08	332	13,611.60
1803S5-8		Station 5 support structural analysis	10*		03MAR08*	14MAR08	382	28,336.00
1803S5-9		Station 5 PDR activities	14		21FEB08*	11MAR08	385	7,084.00



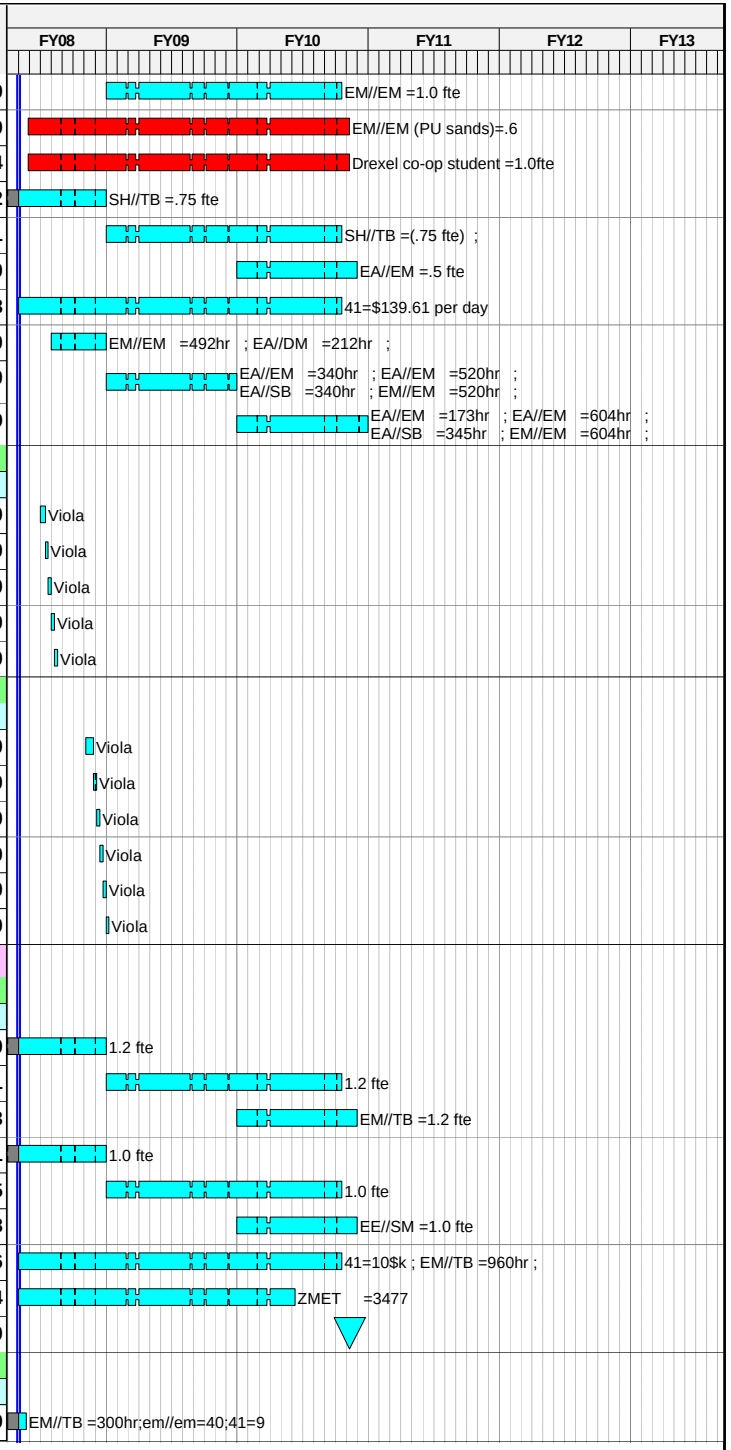
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
1803S5-10		Station 5 FDR - Base support	22*		05MAR08*	03APR08	240	7,084.00
1803-5.6	3	Station 5 FDR	0			03APR08	240	0.00
1803S5-11		Base support release for fabrication	5		04APR08	10APR08	363	4,604.80
1803S5-12		Station 5 FDR - Lift fixtures, port tooling and	10		08APR08*	21APR08	351	7,084.00
1803S5-13		Complete dwgs package & release for fabrication	5		22APR08	28APR08	351	4,537.20
1803S5-14		Oversite, cost and schedules, reviews	170		31JAN08*	29SEP08	244	14,168.00
1803S5-15		Complete station 5 design	0			29SEP08	244	0.00
1805S5-1		FPA base support system	105		04APR08	02SEP08	240	6,359.04
1805S5-2		Type-C side support structure	105		04APR08	02SEP08	240	3,589.38
1805S5-3		NB side stabalizing support structure	105		04APR08	02SEP08	240	2,322.54
1805S5-4		TF local temporary supports	105		04APR08	02SEP08	240	683.10
1805S5-5		20 ton screw jacks	105		04APR08	02SEP08	240	819.72
1805S5-6		AirLoc Wedgmount Precision Levelers	105		04APR08	02SEP08	240	1,242.00
1805S5-7		Port 4 handling structure	105		04APR08	02SEP08	240	5,464.80
1805S5-8		Small port handling structure	105		04APR08	02SEP08	240	1,366.20
1805S5-9		Station 5 (and 3) lift fixture structures	105		04APR08	02SEP08	240	9,327.42
1805S5-102		Hardware & Misc. items	105		04APR08	02SEP08	240	1,242.00
1805S5-103		Misc. assembly Cost	105		04APR08	02SEP08	240	10,060.20
6.00-Final Machine Assembly								
1803S6-1		Stage 6 FP support and roller system	39*		05MAY08*	27JUN08	470	76,811.20
1803S6-2		Spool piece support and roller system	53*		19MAY08*	01AUG08	446	76,811.20
1803S6-3		Update Station 6 sequence plan	10*		21JUL08*	01AUG08	446	7,084.00
1803S6-4		External tooling/man access platforms	14*		18AUG08*	05SEP08	417	13,611.60
1803S6-5		Metrology support stands	5		08SEP08	12SEP08	417	4,537.20
1803S6-6		Station 6 stress and deflection FEA study	24*		09JUN08*	11JUL08	461	56,672.00
1803S6-7		Station 6 simulation model and clearance study	24*		23JUN08*	25JUL08	451	26,470.40
1803S6-8		Station 6 PDR - all systems	5		04JUN08*	10JUN08	483	7,084.00
1803S6-9		Station 6 FDR - FP support and roller system	10		24JUN08*	08JUL08	255	7,084.00
1803-6.6	3	Station 6 FDR	0			08JUL08	255	0.00
1803S6-10		FP support system release for fabrication	5		09JUL08	15JUL08	459	4,604.80
1803S6-11		Station 6 FDR - Spool piece support system	10		23JUL08*	05AUG08	439	7,084.00
1803S6-12		Spool piece system release for fabrication	5		06AUG08	12AUG08	439	4,537.20
1803S6-13		Models/dwgs for test cell metrology layout	15*		22SEP08*	10OCT08	397	18,712.85
1803S6-14		Oversite, cost and schedules, reviews	65		11JUL08	10OCT08	397	14,269.71
1803S6-16		Complete station 6 design	0			10OCT08	397	0.00
1805S6-0		Order all fixtures and hardware	20		03SEP08*	30SEP08	196	0.00
1805S6-1		FPA base support system	150		01OCT08	11MAY09	221	86,196.00
1805S6-2		AirLoc Wedgmount Precision Levelers	150		01OCT08	11MAY09	221	7,836.00



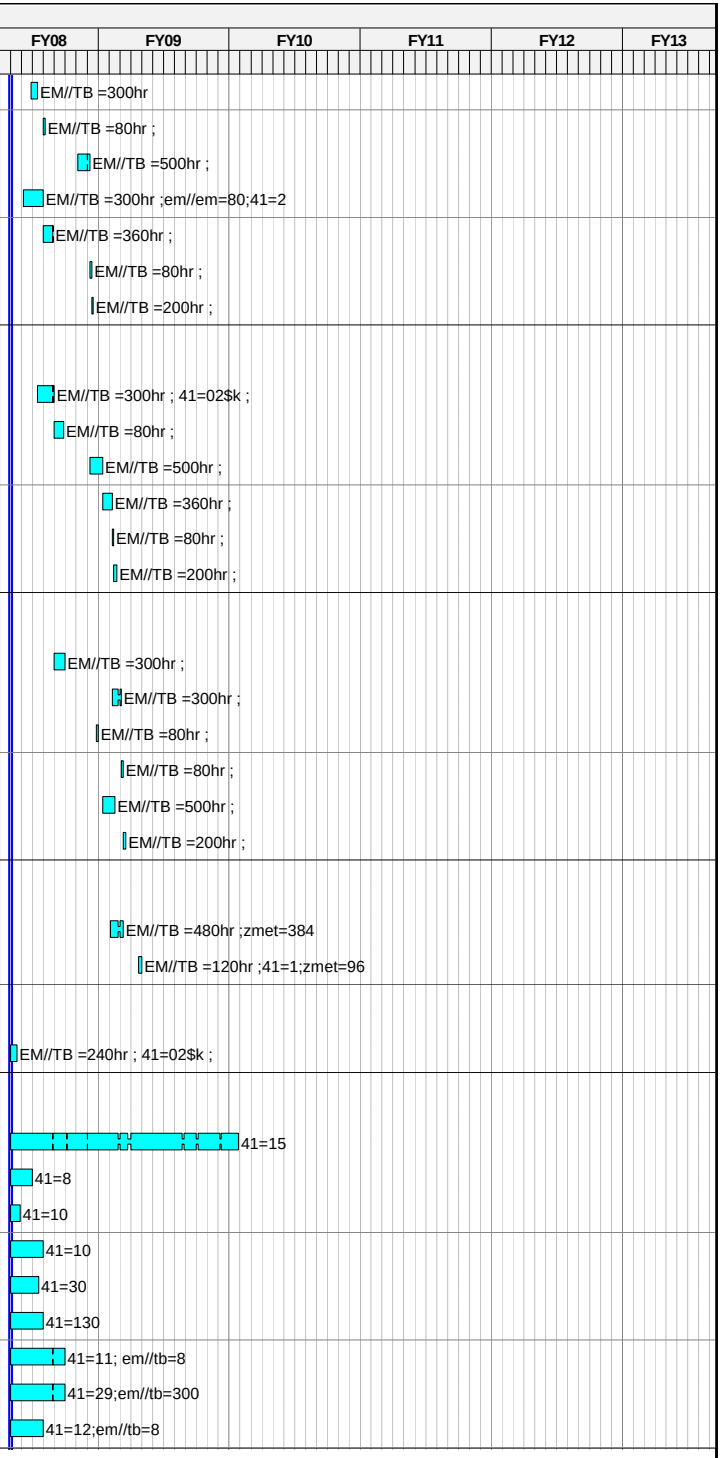
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
1805S6-3		Spool piece support system	150		01OCT08	11MAY09	334	43,098.00
1805S6-4		Thomson linear motion components	150		01OCT08	11MAY09	229	15,672.00
1805S6-6		Spool piece support linear screw system	150		01OCT08	11MAY09	324	5,877.00
1805S6-7		Metrology support stands	150		01OCT08	11MAY09	196	31,344.00
1805S6-8		Hardware & Misc. items	150		01OCT08	11MAY09	196	3,918.00
1805S6-9		Misc. assembly Cost	150		01OCT08	11MAY09	196	21,157.20
Job: 1806 - FP Assembly specs and drawings-COLE								
1.00-VV Prep Station								
1803-609	3	Detail dwgs-spool piece	50		22AUG08	31OCT08	426	20,218.60
Station 2-Modular Coil Sub- Assembly								
1803-201	3	Station 2 Assembly Specification	164*		01JUL07A	29FEB08	0	2,416.00
Station 3-Modular Coil to VVSA Assembly								
1803-301		Station 3 Assembly Specification	185*		02JUL07A	31MAR08	163	25,368.00
1803-305		Station 3 Assembly Drawings	185*		02JUL07A	31MAR08	163	6,336.00
Station 5-Final Field Period Assembly								
1803-501		Station 5 Assembly Specification	48*		01APR08*	06JUN08	237	30,200.00
1803-505		Station 5 Assembly Drawings	152*		03SEP07A	15APR08	274	14,256.00
1803-509		Field period Assy Dwgs	132*		01FEB08*	06AUG08	195	47,520.00
1803-611		Detail dwgs ports	90		01APR08*	06AUG08	195	23,760.00
6.00-Final Machine Assembly								
1803-601		Station 6 Assembly Specification	120		15APR08*	02OCT08	377	66,490.97
1803-605		Station 6 Assembly Drawings	120		15APR08*	02OCT08	377	63,408.53
1803-613		Detail dwgs-man access port	120		15APR08*	02OCT08	377	7,926.07
1803-605M	2	Station 6 Specification & Assy Drawings Complete	0			02OCT08	377	0.00
1803-010		meetings,reporting,/presentations assy models	379*		01MAY07A	31OCT08	1,498	103,025.87
Job: 1802 - FP Assy Oversight&Support-VIOLA								
Oversight and Supervision								
1802ORNL02		ORNL Title III field period assy station 2	425*		27FEB08	03NOV09	0	156,981.48
1802ORNL03		ORNL Title III field period assy station 3	339*		05NOV08	24MAR10	0	122,745.91
1802ORNL05		ORNL Title III field period assy station 5	363*		02MAR09	11AUG10	0	124,375.17
R1802-003		Metrology Engr Super FY08	250*		01OCT07A	30SEP08	1,521	104,540.36
R1802-004		Metrology Engr Super FY09 & FY10	445*		01OCT08*	19JUL10	1,076	280,468.52
R1802-004S		Metrology Engr Super FY09 (2n shft suprt .5 fte	227*	2	01OCT09*	31AUG10	1,045	145,377.16
R1802-007		FPA Management FY08	250*		01OCT07A	30SEP08	1,521	172,504.25



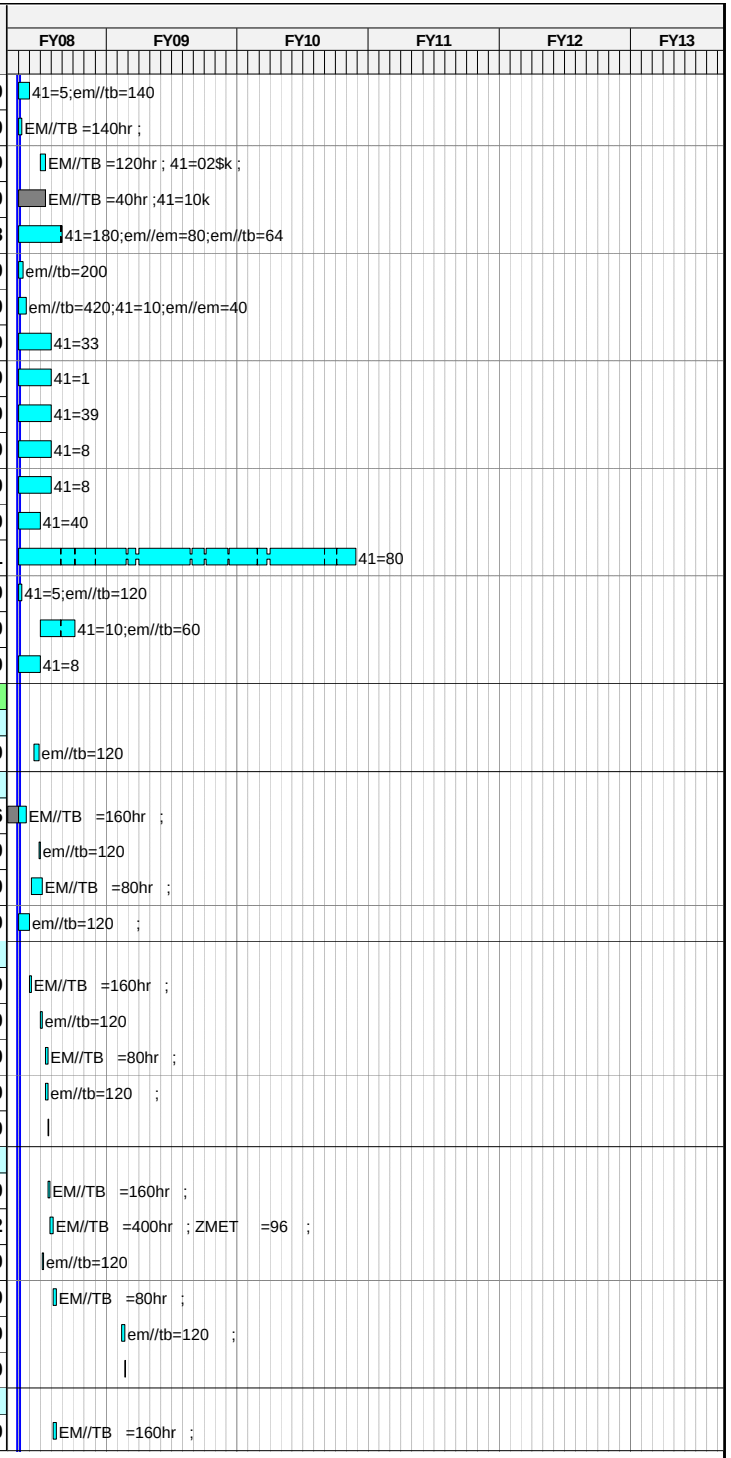
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
R1802-008		FPA Management FY09 & FY10	445*		01OCT08*	19JUL10	1,076	484,154.29
R1802-009		PU Title III support	614*		27FEB08	11AUG10	0	488,098.99
R1802-010		Drexel co-op student support	614*		27FEB08	11AUG10	0	66,596.14
R1802-015		HP Coverage in the TFTR TC LOE FY08	250*		01OCT07A	30SEP08	1,521	106,940.22
R1802-016		HP Coverage in the TFTR TC LOE FY09 & FY10	445*		01OCT08*	19JUL10	1,076	359,984.41
R1802-017		HP coverage (2nd shift)	227*	2	01OCT09*	31AUG10	1,045	146,950.60
1802MISC		Misc materials,tools, GSA vehicle,rigging	616*	1	31JAN08	19JUL10	1,076	388,637.38
8203FY08.2		Title III Design support FY08 PPPL	106*		01MAY08*	30SEP08	1,521	100,040.60
8203FY09.1		Title III Design support FY09 PPPL	249*		01OCT08*	30SEP09	1,272	286,633.40
8203FY10.1		Title III Design support FY10 PPPL	248*		01OCT09*	30SEP10	1,024	293,684.09
Station 3 procedures,JHA,ACC,Training,Prep								
R1802-307		Procedures written & approved	10		01APR08	14APR08	163	0.00
R1802-309		JHA completed	6		15APR08	22APR08	163	0.00
R1802-311		Training needs identified & released	6		23APR08	30APR08	163	0.00
R1802-313		ACC review completed	6		01MAY08	08MAY08	163	0.00
R1802-315		Pre-job brief completed	6		09MAY08	16MAY08	163	0.00
Station 5 procedures,JHA,ACC,Training,Prep								
R1802-507		Procedures written & approved	14		07AUG08	26AUG08	195	0.00
R1802-509		JHA completed	6		27AUG08	04SEP08	195	0.00
R1802-519		Fixtures installed	6		05SEP08	12SEP08	195	0.00
R1802-511		Training needs identified & released	6		15SEP08	22SEP08	195	0.00
R1802-513		ACC review completed	7		23SEP08	01OCT08	195	0.00
R1802-515		Pre-job brief completed	7		02OCT08	10OCT08	195	0.00
Job: 1810 - Field Period AssyStation 1,2,3 VIOLA								
General Assy Support								
R1810-003		LOE Crane support, fixture setupfor FY08	250*		01OCT07A	30SEP08	1,521	111,876.80
R1810-004		LOE Crane support, fixture setupfor FY09/10	445*		01OCT08*	19JUL10	1,076	300,205.11
R1801-004S		LOE Crane support, fixt setup (2nd shft 1.2 fte	227*	2	01OCT09*	31AUG10	1,045	155,608.43
R1810-007		LOE Field Supervision for FY08	250*		01OCT07A	30SEP08	1,521	159,000.51
R1810-008		LOE Field Supervision for FY09/10	445*		01OCT08*	19JUL10	1,076	426,574.65
R1810-008S		LOE Field Supervision for 2nd shft 1.0 fte	227*	2	01OCT09*	31AUG10	1,045	221,117.98
R1810-2001		Misc Hardware and hardware rework (1/2 fte loe)	615*	1	01FEB08*	19JUL10	1,076	182,042.96
S21-4.02		Perform routine metrology set-up and checks (loe	526*	1	01FEB08*	12MAR10	1,165	391,710.74
R1810-099		Station 5 complete	0			11AUG10	1,059	0.00
Station 1-VV Prep (hard surface components) FP#1								
R1810-1188		Design and build flow test	37*	1	01JAN08A	21FEB08	307	13,425.89



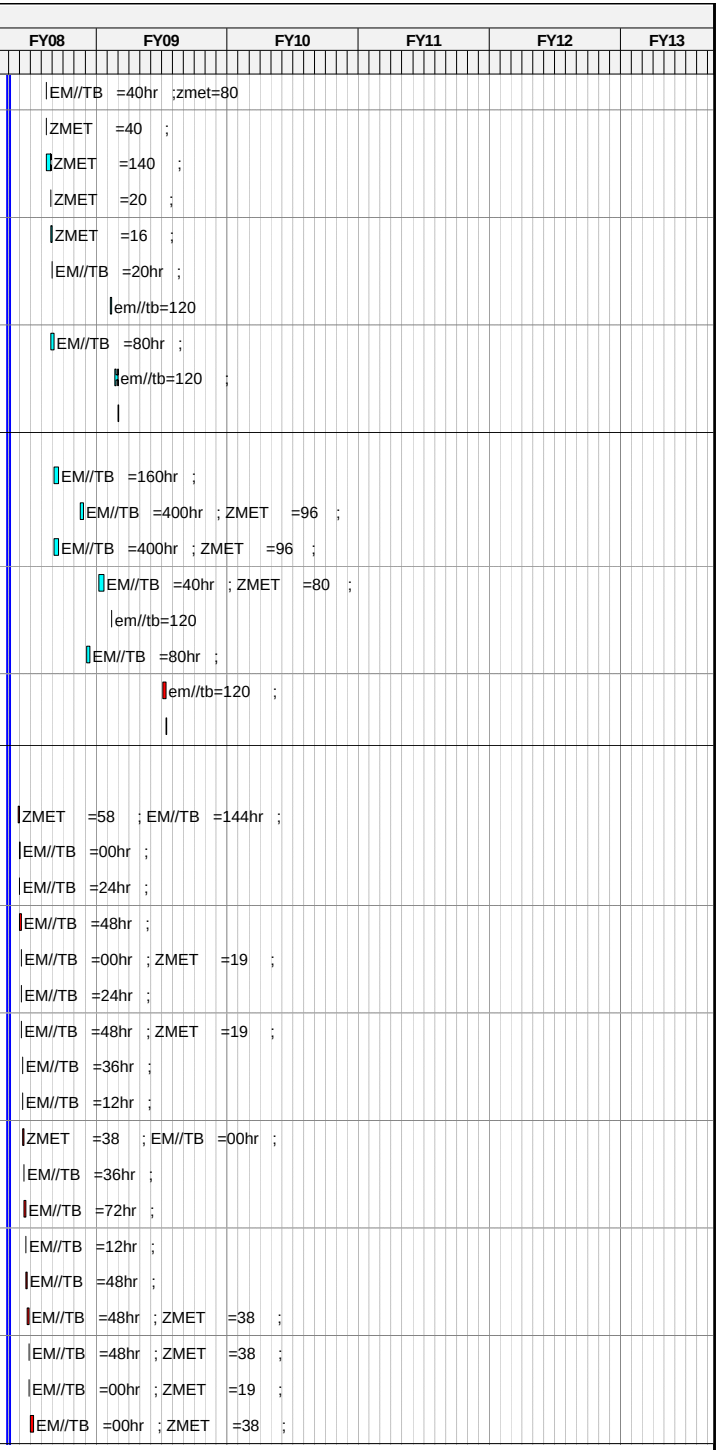
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
R1810-1108		Perform final acceptance testing (H/C flow test)	15	1	26MAR08*	15APR08	284	23,691.00
R1810-1110		Install Final Internal&Ext monuments & meas	4	1	01MAY08	06MAY08	244	6,317.60
R1810-1114		Install heater tape on all removable ports	25	1	04AUG08	08SEP08	183	41,969.00
R1810-1100		Design & Build heater& thermo termination box	41	1	06MAR08*	01MAY08	254	35,993.40
R1810-1101		heater& thermo termination & verification	18	1	02MAY08	28MAY08	254	28,429.20
R1810-1111		Final Scan	4	1	09SEP08	12SEP08	183	6,317.60
R1810-1113		Prepare &transfer completed VV to holding area	5	1	15SEP08	19SEP08	183	15,794.00
Station 1- VV Prep (hrd surf cmpntsFP#2								
R1810-1208		Perform final acceptance testing (H/C flow test)	32	1	16APR08	30MAY08	341	23,691.00
R1810-1216		Install Final Internal&Ext monuments & meas	20	1	02JUN08	27JUN08	341	6,317.60
R1810-1214		Install heater tape on all removable ports	25	1	09SEP08	13OCT08	249	42,843.08
R1810-1389		Heater and thermo termination & verification	18	1	14OCT08*	06NOV08	249	30,085.20
R1810-1217		Final Scan	4	1	07NOV08	12NOV08	249	6,685.60
R1810-1219		Prepare& transfer completed VV to holding area	5	1	13NOV08	19NOV08	249	16,714.00
Station 1- VV Prep (hrd surf cmpntsFP#3								
R1810-1308		Perform final acceptance testing (H/C flow test)	22	1	02JUN08*	01JUL08	380	23,691.00
R1810-1310		Heater and thermo termination & verification	18	1	07NOV08*	04DEC08	272	30,085.20
R1810-1328		Install Final Internal&Ext monuments & meas	4	1	25SEP08*	30SEP08	317	6,317.60
R1810-1329	3	Final Scan of VVSA #3 Station 1 complete	4	1	05DEC08	10DEC08	272	6,685.60
R1810-1314		Install heater tape on all removable ports	25	1	14OCT08*	17NOV08	283	44,397.00
R1810-1331		Prepare & transfer completed VV to holding area	5	1	11DEC08	17DEC08	272	16,714.00
Station 1-Spool pieces (3) (spacers)								
R1810-1S03		Attachdiagnostics, studs and coolant lines	24	1	03NOV08*	08DEC08	426	87,422.40
R1810-1S04		Install Final Internal&Ext monuments & meas	6	1	21JAN09	28JAN09	426	23,161.60
Station 2 Trials & Development								
R1810-2005		Trial bushing and shim test on prototype	12*	1	31JAN08A	15FEB08	1,680	0.00
Setup								
R1810-2034		Misc Tool and Hardware	440	1	31JAN08	28OCT09	1,252	19,238.05
R1810-2047		Calibrate stud tensioner	44	1	31JAN08	01APR08	1,648	9,936.00
R1810-2036		Fuji Paper	20	1	31JAN08	27FEB08	1,672	12,420.00
R1810-2038		Purchase 5 ton gantry	65	1	31JAN08	30APR08	1,627	12,420.00
R1810-2045		2 Electric Torque wrench	56	1	31JAN08*	17APR08	1,636	37,260.00
R1810-2080		3rd laser tracker	65	1	31JAN08*	30APR08	1,627	161,460.00
R1810-2081		Removable photogrammetry targets	108*	1	31JAN08*	01JUL08	1,584	14,293.76
R1810-2082		Fixed photogrammetry targets	108*	1	31JAN08*	01JUL08	1,584	59,709.00
R1810-2083		Replacement photogrammetry targets	65	1	31JAN08*	30APR08	1,627	15,535.76



Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
R1810-2040		Test out equipt & procedures	22*	1	31JAN08A	29FEB08	1,670	11,055.80
R1810-2004		Receive Drawings & Hardware (shims & Bolts)	7*	1	31JAN08A	08FEB08	273	0.00
R1810-2027		Install THIRD Holding 20 deg fixture	10	1	01APR08*	14APR08	1,639	11,960.40
R1810-2021		Tools&tooling available for FPA operations	52*	1	01FEB08A			0.00
R1810-2084		Design and purchase 3 additional wedge supports	87*	1	31JAN08	02JUN08	18	147,766.48
R1810-2024		Rework wedges f/combined assemblies& coil handli	10	1	31JAN08	13FEB08	1,682	15,794.00
R1810-2026		Setup up satellite shop in Mock-up area	15	1	31JAN08	20FEB08	1,677	51,738.60
R1810-2085		Trak 3 axis mill	65	1	31JAN08*	30APR08	1,627	40,986.00
R1810-2086		Trak 3 axis mill collet set	65	1	31JAN08*	30APR08	1,627	1,242.00
R1810-2087		Coordinate measuring machine	65	1	31JAN08*	30APR08	1,627	48,438.00
R1810-2088		HEPA machine tool exhaust system	65	1	31JAN08*	30APR08	1,627	9,936.00
R1810-2089		Tools, cabinets & storage shelving	65	1	31JAN08*	30APR08	1,627	9,936.00
R1810-2002		Purchase grinding machine	45	1	31JAN08	02APR08	1,647	49,680.00
R1810-2090		Consulting services nose welding (Parsells)	644	1	31JAN08*	26AUG10	1,048	207,966.21
S20-3.03		Compress G10 shims & sort (initial 300 shims	6	1	31JAN08*	07FEB08	16	9,476.40
S20-4.01		Install MCHP fixtures & metrology equipt	67	1	01APR08*	03JUL08	1,582	17,158.20
S20-4.02		Perform metrology set-up;purchase 6 pillars	43	1	31JAN08*	31MAR08	1,649	9,936.00
Pre-Measuring and fitup checks								
Pre measurement of MCHP A1,B1,C1 flanges								
2-1-2.99		Drill Stycast fill holes	10	1	14MAR08*	27MAR08	56	9,476.40
Pre measurement of MCHP A2,B2,C2 flanges								
S22-1.01		Verify mating MC's of MCHP will come together	38*	1	02JAN08A	22FEB08	124	10,108.16
2-2-2.99		Drill Stycast fill holes	3	1	27MAR08*	31MAR08	152	9,476.40
S22-3.02		Compress shims sort by thickness	20	1	07MAR08*	03APR08	96	6,317.60
S22-4.01		Install MCHP fixtures & metrology equipt	21*	1	01FEB08A	29FEB08	119	9,476.40
Pre measurement of MCHP A3,B3,C3 flanges								
S23-1.01		Verify mating MC's of MCHP will come together	4	1	03MAR08	06MAR08	122	12,635.20
2-3-2.99		Drill Stycast fill holes	3	1	01APR08	03APR08	156	9,476.40
S23-3.02		Compress shims sort by thickness	6	1	14APR08	21APR08	90	6,317.60
S23-4.01		Install MCHP fixtures & metrology equipt	6	1	14APR08	21APR08	90	9,476.40
S23-4.03		Ready For Preassembly A3B3C3	0	1	22APR08	21APR08	90	0.00
Pre measurement of MCHP A4,B4,C4 flanges								
S24-1.01		Verify mating MC's of MCHP will come together	4	1	22APR08	25APR08	170	12,635.20
S24-2.08		Measure C4 "A" flange	8	1	28APR08	07MAY08	170	23,806.72
2-4-2.99		Drill Stycast fill holes	3	1	04APR08	08APR08	191	9,476.40
S24-3.02		Compress shims sort by thickness	6	1	05MAY08	12MAY08	167	6,317.60
S24-4.01		Install MCHP fixtures & metrology equipt	6	1	14NOV08	21NOV08	31	10,028.40
S24-4.03		Ready For Preassembly A4B4C4	0	1	24NOV08	21NOV08	31	0.00
Pre measurement of MCHP A5,B5,C5 flanges								
S25-1.01		Verify mating MC's of MCHP will come together	4	1	07MAY08	12MAY08	205	12,635.20



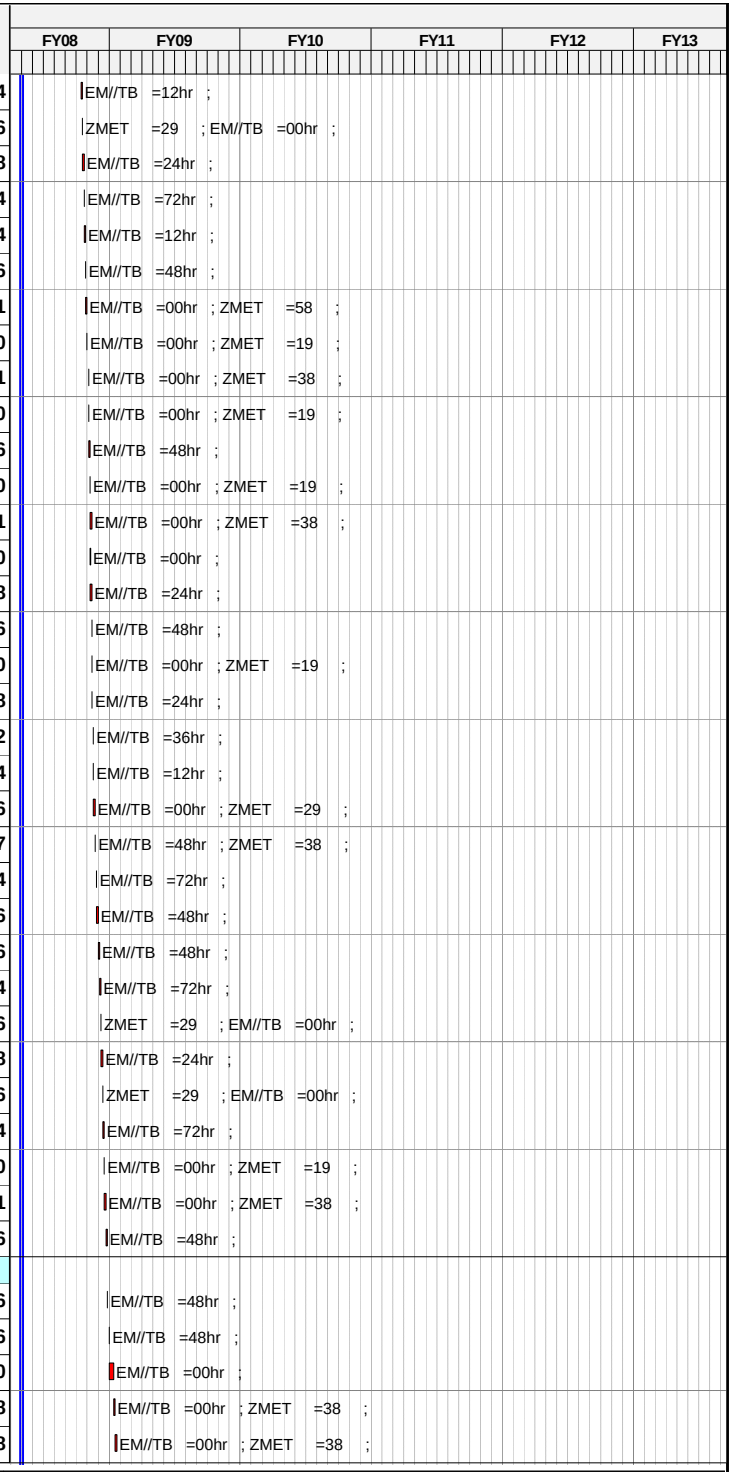
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
S25-2.01		Set the B5 coil on fixture, & measure	1	1	13MAY08	13MAY08	205	12,468.40
S25-2.02		Align to the conical seats locking into min of 8	2	1	14MAY08	15MAY08	205	4,654.80
S25-2.03		Measure monuments on fixture and walls.	7	1	16MAY08	27MAY08	205	16,291.80
S25-2.04		Measure tooling ball monuments	1	1	28MAY08	28MAY08	205	2,327.40
S25-2.05		Scan the B flange of B5	1	1	29MAY08	29MAY08	205	1,861.92
S25-2.07		Remove B5 move to holding area.	1	1	30MAY08	30MAY08	205	1,579.40
2-5-2.99		Drill Stycast fill holes	3	1	07NOV08	11NOV08	93	10,028.40
S25-3.02		Compress shims sort by thickness	6	1	27MAY08	03JUN08	206	6,317.60
S25-4.01		Install MCHP fixtures & metrology equipt	6	1	20NOV08	01DEC08	81	10,028.40
S25-4.03		Ready For Preassembly A5B5C5	0	1	02DEC08	01DEC08	81	0.00
Pre measurement of MCHP A6,B6,C6 flanges								
S26-1.01		Verify mating MC's of MCHP will come together	8	1	05JUN08	16JUN08	193	12,635.20
S26-2.08		Measure B6 "A" flange	8	1	19AUG08	28AUG08	149	23,806.72
S26-2.11		Measure C6 "A" flange	8	1	05JUN08	16JUN08	201	23,806.72
S26-2.14		Measure Type A6"A" flange	8	1	10OCT08	21OCT08	112	13,198.80
2-6-2.99		Drill Stycast fill holes	3	1	12NOV08	14NOV08	97	10,028.40
S26-3.02		Compress shims sort by thickness	6	1	04SEP08	11SEP08	143	6,317.60
S26-4.01		Install MCHP fixtures & metrology equipt	6	1	06APR09	13APR09	0	10,028.40
S26-4.03		Ready For Preassembly A6B6C6	0	1	14APR09	13APR09	0	0.00
Station 2 MC subassy A1B1C1								
A-B MC Assembly								
2-1-6.01		Lower Type-A modular coil onto jacks	3*	1	27FEB08*	29FEB08	0	18,121.14
2-1-6.02		Mark nose shim locations & puck locations.	0*	1	03MAR08	29FEB08	0	0.00
2-1-6.03		Place initial set of alumina shims (4-8) on Type	1*	1	03MAR08	03MAR08	0	1,895.28
2-1-6.05		Lower mating “B” coil into position.	1*	1	04MAR08	04MAR08	0	3,790.56
2-1-6.051		Perform alignment “B” coil tooling balls	1*	1	05MAR08	05MAR08	0	2,234.30
2-1-6.06		Install jack screws & dial indicators	1*	1	06MAR08	06MAR08	0	1,895.28
2-1-6.07		Position coil within ±.002" normal plane	1*	1	07MAR08	07MAR08	0	6,024.86
2-1-6.08		Install remaining alumina coated shims; studs,s	1*	1	10MAR08	10MAR08	0	2,842.92
2-1-6.09		torque50% of final value & recheck.	1	1	11MAR08*	11MAR08	0	947.64
2-1-6.10		Measure position of all monuments	2	1	12MAR08	13MAR08	0	4,468.61
2-1-6.11		Measure shim puck height	1	1	14MAR08	14MAR08	0	2,842.92
2-1-6.12		Remove puck locating rings & install all nose s	3	1	17MAR08	19MAR08	0	5,685.84
2-1-6.13		"Lightly" tack weld nose flex shims "A" & "B"	1	1	20MAR08	20MAR08	0	947.64
2-1-6.14		Unfasten bolts & remove "B" coil place it on sep	1	1	21MAR08	21MAR08	0	3,790.56
2-1-6.15		Recheck part alignment of "A" coil	2	1	24MAR08	25MAR08	0	8,259.17
2-1-6.151		Weld all Type-A flex shims plasma side	2	1	26MAR08	27MAR08	0	8,212.62
2-1-6.16		recheck alignment	1	1	28MAR08	28MAR08	0	2,234.30
2-1-6.17		Time for a back office assessment (first wedl on	10	1	31MAR08	11APR08	0	4,422.06



Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
2-1-6.18		Measure "B" fiducials estab coord sys	1	1	31MAR08	31MAR08	9	2,234.30
2-1-6.19		Weld allType-B (A-flange) flex shims plasma side	2	1	14APR08	15APR08	0	6,583.44
2-1-6.20		Recheck part metrology acceptance criterion.	1	1	16APR08	16APR08	0	2,234.30
2-1-6.21		Back office assessment of part after weld	5	1	17APR08	23APR08	0	4,422.06
2-1-6.22		Remove alumina shims as necessary	0	1	17APR08	16APR08	4	0.00
2-1-6.04		Place unfilled shim bags in wing areas	1	1	17APR08	17APR08	4	1,895.28
2-1-6.23		Lower mating “B” coil into position.	1	1	24APR08	24APR08	0	3,790.56
2-1-6.231		Perform alignment “B” coil tooling balls	1	1	25APR08	25APR08	0	4,106.31
2-1-6.24		“B” coil, position coil accurately in x, y, &	1	1	28APR08	28APR08	0	4,106.31
2-1-6.25		Install alumina shims;studs,supernuts, wiggle t	1	1	29APR08	29APR08	0	6,217.65
2-1-6.26		Torque50% of final value.	1	1	30APR08	30APR08	0	947.64
2-1-6.27		Measure position of all monuments	1	1	01MAY08	01MAY08	0	3,351.46
2-1-6.271		Fuji paper, & examine load sharing.	3	1	02MAY08	06MAY08	0	12,388.75
2-1-6.272		Install new shims & Fuji paper.	3	1	07MAY08	09MAY08	0	5,685.84
2-1-6.273		Install shims without Fuji paper,studs, torque5	2	1	12MAY08	13MAY08	0	8,259.17
2-1-6.28		Adjust shims locally. Re-torque all studs50%.	2	1	14MAY08	15MAY08	0	8,259.17
2-1-6.29		Install bushing. Replace nut & tighten back 50%	3	1	16MAY08	20MAY08	0	5,685.84
2-1-6.30		After super bolt tightening, measure position	1	1	21MAY08	21MAY08	0	3,351.46
2-1-6.31		Tighten all bolts to final torque.	1	1	22MAY08	22MAY08	0	1,895.28
2-1-6.32		After tightening hardware, measure position	2	1	23MAY08	27MAY08	0	3,351.46
2-1-6.33		Weld A / B nose region solenoid side	3	1	28MAY08	30MAY08	0	12,388.75
2-1-6.34		Measure positions of all monuments	1	1	02JUN08	02JUN08	0	2,234.30
2-1-6.35		Review with Back Office. INSTALL wing supports	10	1	03JUN08	16JUN08	0	8,259.17
2-1-6.36		Identify, a set of monuments moved less than .0	0	1	17JUN08	16JUN08	0	0.00
2-1-6.37		Fill all loose bushings with Stycast 2850FT	6	1	17JUN08	24JUN08	0	3,790.56
2-1-6.38		Scan "B" flange (datum “E”) of “B” coil,	1	1	24JUN08	24JUN08	0	2,234.30
2-1-6.39		define all B/C flange shim thickness.	2	1	25JUN08	26JUN08	0	2,842.92
AB-C MC Assembly								
2-1-7.01		lift (A-B) coil, along with fixture, onto anot	3	1	27JUN08	01JUL08	0	11,371.68
2-1-7.02		Select a subset of monuments for initial alignm	1	1	02JUL08	02JUL08	0	2,234.30
2-1-7.03		Align set of monuments selected in 7.02.	1	1	03JUL08	03JUL08	0	2,234.30
2-1-7.04		Establish a set of global monuments	1	1	07JUL08	07JUL08	0	2,234.30
2-1-7.05		Mark nose shim locations & puck locations.	1	1	08JUL08	08JUL08	0	1,895.28
2-1-7.06		Place initial set alumina shims (4-8) on Type-B	0	1	09JUL08	08JUL08	0	0.00
2-1-7.08		Lower mating “C” coil into position.	1	1	09JUL08	09JUL08	0	3,790.56
2-1-7.081		Perform alignment “C” coil tooling balls	1	1	10JUL08	10JUL08	0	2,234.30
2-1-7.09		Install jack screws & dial indicators	1	1	11JUL08	11JUL08	0	1,895.28
2-1-7.10		Position coil within ±.002"	1	1	14JUL08	14JUL08	0	1,895.28
2-1-7.11		Install alumina coated shims studs, & "wiggle"	1	1	15JUL08	15JUL08	0	2,842.92

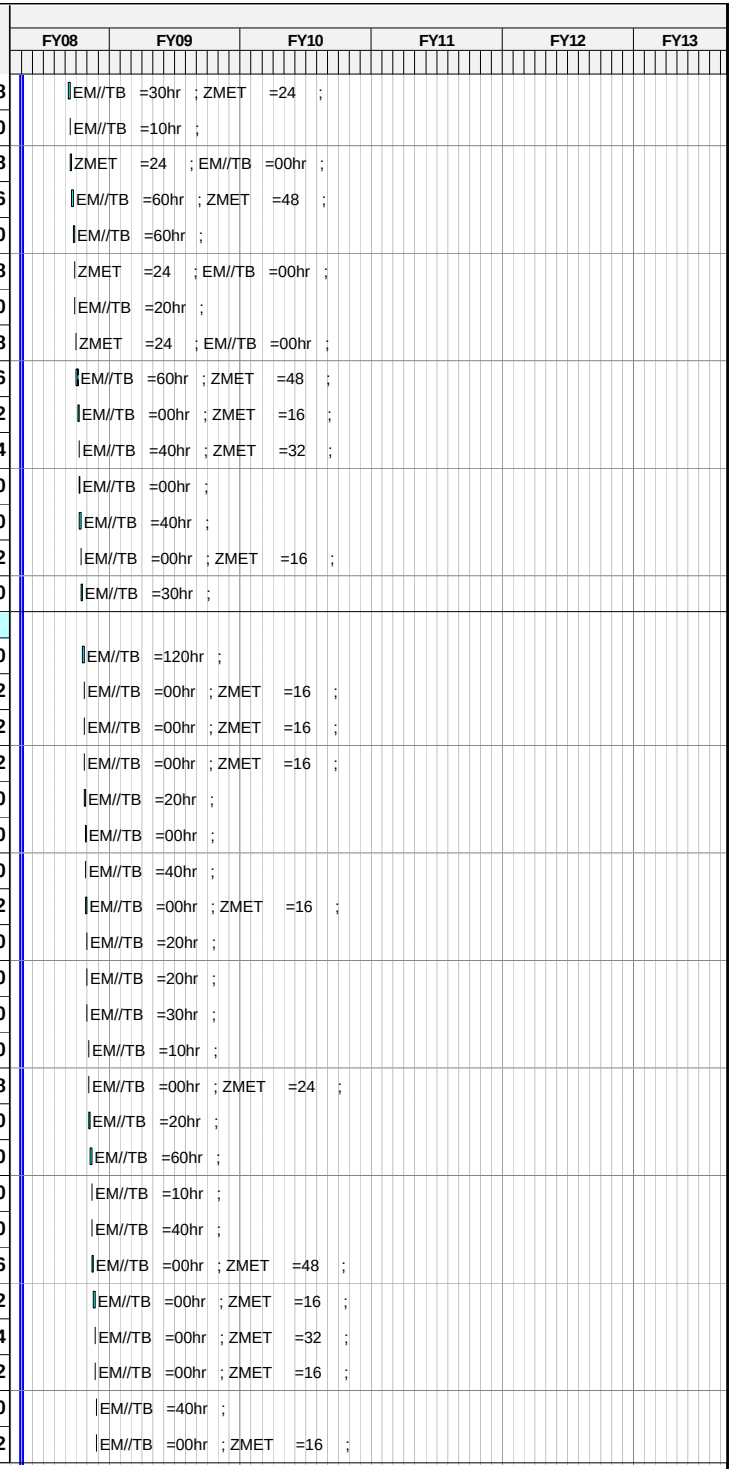
FY08 FY09 FY10 FY11 FY12 FY13

Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
2-1-7.12		Torque50% of final value.	1	1	16JUL08	16JUL08	0	947.64
2-1-7.13		Measure position of all monuments	2	1	17JUL08	18JUL08	0	3,351.46
2-1-7.14		Measure shim puck height	1	1	21JUL08	21JUL08	0	1,895.28
2-1-7.15		remove puck locating rings & install all nose s	3	1	22JUL08	24JUL08	0	5,685.84
2-1-7.16		"Lightly" tack weld nose flex shims	1	1	25JUL08	25JUL08	0	947.64
2-1-7.17		remove "C" coil & place it on a separate fixtur	1	1	28JUL08	28JUL08	0	3,790.56
2-1-7.18		Recheck part alignment & weld all Type-B flex s	3	1	29JUL08	31JUL08	0	6,702.91
2-1-7.19		After welding "B" coil nose shims recheck align	1	1	01AUG08	01AUG08	0	2,234.30
2-1-7.20		Back office assessment of part after weld	2	1	04AUG08	05AUG08	0	4,468.61
2-1-7.21		Measure "C" fiducials	1	1	04AUG08	04AUG08	1	2,234.30
2-1-7.22		Weld all Type-C (A-flange) flex shims plasma sid	2	1	06AUG08	07AUG08	0	3,790.56
2-1-7.23		After welding determine metrology acceptance	1	1	08AUG08	08AUG08	0	2,234.30
2-1-7.24		Back office assessment	2	1	11AUG08	12AUG08	0	4,468.61
2-1-7.25		Remove alumina shims for alignment mating coil	0	1	11AUG08	08AUG08	1	0.00
2-1-7.07		Place unfilled shim bags in wing areas	1	1	11AUG08	11AUG08	1	1,895.28
2-1-7.26		Lower mating “C” coil into position.	1	1	13AUG08	13AUG08	0	3,790.56
2-1-7.261		alignment “C” coil tooling balls	1	1	14AUG08	14AUG08	0	2,234.30
2-1-7.27		position coil accurately in x, y, & z directio	1	1	15AUG08	15AUG08	0	1,895.28
2-1-7.28		Install alumina shims;studs,, & "wiggle"	1	1	18AUG08	18AUG08	0	2,842.92
2-1-7.29		Torque50% of final value.	1	1	19AUG08	19AUG08	0	947.64
2-1-7.30		Measure position of all monuments	1	1	20AUG08	20AUG08	0	3,351.46
2-1-7.301		Fuji paper, & examine load sharing. back office	2	1	21AUG08	22AUG08	0	8,259.17
2-1-7.302		Install new shims & Fuji paper. Lower & reposit	3	1	25AUG08	27AUG08	0	5,685.84
2-1-7.303		Install shims without Fuji paper, studs & torqu	2	1	28AUG08	29AUG08	0	3,790.56
2-1-7.31		Adjust shims locally. Re-torque all studs50%.	2	1	02SEP08	03SEP08	0	3,790.56
2-1-7.32		Install bushing. Replace nut & tighten back50%	3	1	04SEP08	08SEP08	0	5,685.84
2-1-7.33		After super bolt tightening, measure position	2	1	09SEP08	10SEP08	0	3,351.46
2-1-7.34		Tighten all boltsir final torque.	1	1	11SEP08	11SEP08	0	1,895.28
2-1-7.35		After tightening hardware, meas position of monu	1	1	12SEP08	12SEP08	0	3,351.46
2-1-7.36		Weld B / C nose region solenoid side	3	1	15SEP08	17SEP08	0	5,685.84
2-1-7.37		Measure positions of all monuments	1	1	18SEP08	18SEP08	0	2,234.30
2-1-7.38		Back office of above results & INSTALL wing supp	2	1	19SEP08	22SEP08	0	4,468.61
2-1-7.39		Fill all lose bushings with Stycast 2850FT	2	1	23SEP08	24SEP08	0	3,790.56
Stycast shim gaps & final measurements								
2-1-8.01		Fill all wing bladders & cure	2	1	25SEP08	26SEP08	0	3,790.56
2-1-8.02		Inject stycast in all shim spaces	2	1	29SEP08	30SEP08	0	3,790.56
2-1-10.0		Complete local service & interface details	10	1	01OCT08	14OCT08	0	0.00
2-1-11.01		Measure tooling balls on all coils.	2	1	15OCT08	16OCT08	0	4,730.88
2-1-11.02		Install or identify three primary fiducials	2	1	17OCT08	20OCT08	0	4,730.88

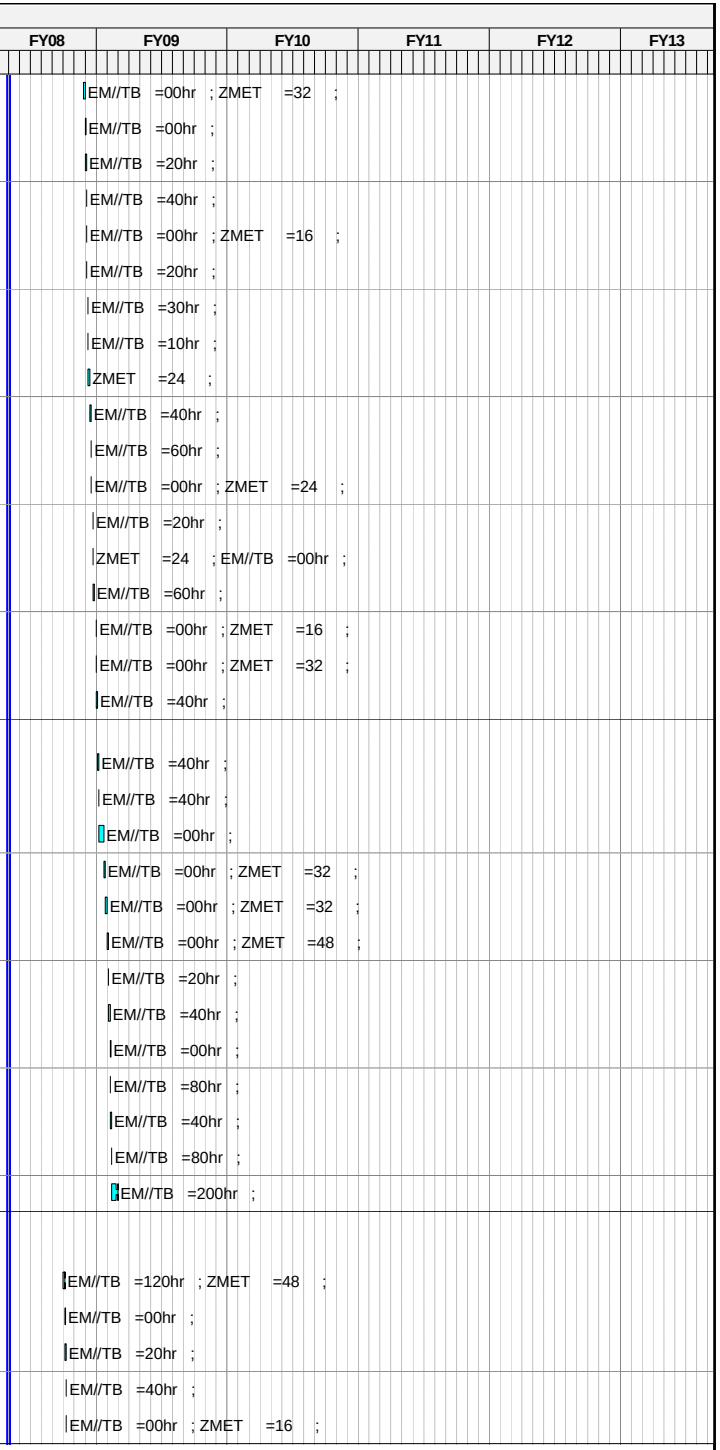


Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
2-1-11.03		Scan "B" flange Type-C coil & interfacing base	3	1	21OCT08	23OCT08	0	7,096.32
2-1-11.04		Measure bolt length on all tension fasteners	1	1	24OCT08	24OCT08	0	2,005.68
2-1-11.05		Perform Electrical Megger test on each coil	2	1	27OCT08	28OCT08	0	4,011.36
2-1-11.06		Mark part for identification	0	1	29OCT08	28OCT08	0	0.00
2-1-11.07		Install lift support beams	2	1	29OCT08	30OCT08	0	8,022.72
2-1-11.08		Remove from stand & measure weight of completed	1	1	31OCT08	31OCT08	0	4,011.36
2-1-11.09		Move to holding area.	2	1	03NOV08	04NOV08	0	8,022.72
S21-11.07M	2	Complete 1st MCHP Assy (Sta 2)	0	1		04NOV08	0	0.00
2-1-11.10		Lift upper wedge & reinstall & grout at Assembly	10	1	05NOV08	18NOV08	0	20,056.80
Station 2 MC subassy A2B2C2								
A-B MC Assembly								
2-2-6.01		Lower Type-A modular coil onto jacks	3	1	24APR08	28APR08	81	15,062.16
2-2-6.02		Mark nose shim locations & puck locations.	0	1	29APR08	28APR08	81	0.00
2-2-6.03		Place initial set of alumina shims (4-8) on Type	1	1	29APR08	29APR08	81	1,579.40
2-2-6.05		Lower mating "B" coil into position.	1	1	30APR08	30APR08	81	3,158.80
2-2-6.051		Perform alignment "B" coil tooling balls	1	1	01MAY08	01MAY08	81	1,861.92
2-2-6.06		Install jack screws & dial indicators	1	1	02MAY08	02MAY08	81	1,579.40
2-2-6.07		Position coil within ±.002" normal plane	1	1	05MAY08	05MAY08	81	5,020.72
2-2-6.08		Install remaining alumina coated shims; studs,s	1	1	06MAY08	06MAY08	81	2,369.10
2-2-6.09		torque50% of final value & recheck.	1	1	07MAY08	07MAY08	81	789.70
2-2-6.10		Measure position of all monuments	2	1	08MAY08	09MAY08	81	3,723.84
2-2-6.11		Measure shim puck height	2	1	12MAY08	13MAY08	81	2,369.10
2-2-6.12		Remove puck locating rings & install all nose s	3	1	14MAY08	16MAY08	81	4,738.20
2-2-6.13		"Lightly" tack weld nose flex shims "A" & "B"	1	1	19MAY08	19MAY08	81	789.70
2-2-6.14		Unfasten bolts & remove "B" coil place it on sep	1	1	20MAY08	20MAY08	81	3,158.80
2-2-6.15		Recheck part alignment of "A" coil	2	1	21MAY08	22MAY08	81	6,882.64
2-2-6.151		Weld all Type-A flex shims plasma side	2	1	23MAY08	27MAY08	81	6,882.64
2-2-6.16		recheck alignment	1	1	28MAY08	28MAY08	81	1,861.92
2-2-6.17		Back office assessment of part after weld	2	1	29MAY08	30MAY08	81	3,723.84
2-2-6.18		Measure "B" fiducials estab coord sys	1	1	29MAY08	29MAY08	82	1,861.92
2-2-6.19		Weld all Type-B (A-flange) flex shims plasma sid	2	1	02JUN08	03JUN08	81	6,882.64
2-2-6.20		Recheck part metrology acceptance criterion.	1	1	04JUN08	04JUN08	81	1,861.92
2-2-6.21		Back office assessment of part after weld	2	1	05JUN08	06JUN08	81	3,723.84
2-2-6.22		Remove alumina shims as necessary	0	1	05JUN08	04JUN08	82	0.00
2-2-6.04		Place unfilled shim bags in wing areas	1	1	05JUN08	05JUN08	82	1,579.40
2-2-6.23		Lower mating "B" coil into position.	1	1	09JUN08	09JUN08	81	3,158.80
2-2-6.231		Perform alignment "B" coil tooling balls	1	1	10JUN08	10JUN08	81	1,861.92
2-2-6.24		"B" coil, position coil accurately in x, y, &	1	1	11JUN08	11JUN08	81	3,441.32

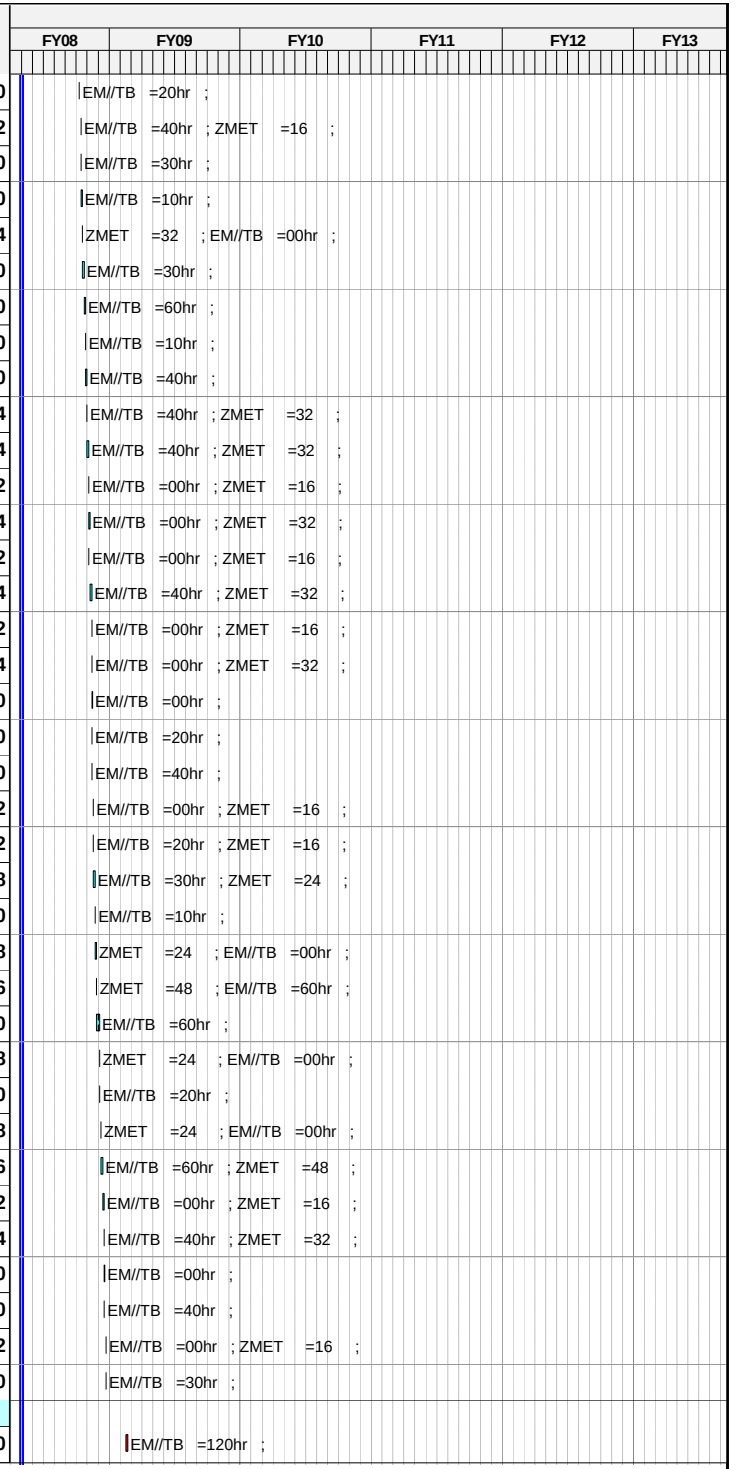
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
2-2-6.25		Install alumina shims;studs,supernuts, wiggle t	1	1	12JUN08	12JUN08	81	5,161.98
2-2-6.26		Torque50% of final value.	1	1	13JUN08	13JUN08	81	789.70
2-2-6.27		Measure position of all monuments	2	1	16JUN08	17JUN08	81	2,792.88
2-2-6.28		Adjust shims locally. Re-torque all studs50%.	3	1	18JUN08	20JUN08	81	10,323.96
2-2-6.29		Install bushing. Replace nut & tighten back 50%	3	1	23JUN08	25JUN08	81	4,738.20
2-2-6.30		After super bolt tightening, measure position	1	1	26JUN08	26JUN08	81	2,792.88
2-2-6.31		Tighten all boltsir final torque.	1	1	27JUN08	27JUN08	81	1,579.40
2-2-6.32		After tightening hardware, measure position	2	1	30JUN08	01JUL08	81	2,792.88
2-2-6.33		Weld A / B nose region solenoid side	3	1	02JUL08	07JUL08	81	10,323.96
2-2-6.34		Measure positions of all monuments	1	1	08JUL08	08JUL08	81	1,861.92
2-2-6.35		Review with Back Office. INSTALL wing supports	2	1	09JUL08	10JUL08	81	6,882.64
2-2-6.36		Identify, a set of monuments moved	0	1	11JUL08	10JUL08	81	0.00
2-2-6.37		Fill all loose bushings with Stycast 2850FT	2	1	11JUL08	14JUL08	81	3,158.80
2-2-6.38		Scan "B" flange (datum "E") of "B" coil,	1	1	15JUL08	15JUL08	81	1,861.92
2-2-6.39		define all B/C flange shim thickness.	1	1	16JUL08	16JUL08	81	2,369.10
AB-C MC Assembly								
2-2-7.01		lift (A-B) coil, along with fixture, onto anot	3	1	17JUL08	21JUL08	81	9,476.40
2-2-7.02		Select a subset of monuments for initial alignm	1	1	22JUL08	22JUL08	81	1,861.92
2-2-7.03		Align set of monuments selected in 7.02.	1	1	23JUL08	23JUL08	81	1,861.92
2-2-7.04		Establish a set of global monuments	1	1	24JUL08	24JUL08	81	1,861.92
2-2-7.05		Mark nose shim locations & puck locations.	1	1	25JUL08	25JUL08	81	1,579.40
2-2-7.06		Place initial set alumina shims (4-8) on Type-B	0	1	28JUL08	25JUL08	81	0.00
2-2-7.08		Lower mating "C" coil into position.	1	1	28JUL08	28JUL08	81	3,158.80
2-2-7.081		Perform alignment "C" coil tooling balls	1	1	29JUL08	29JUL08	81	1,861.92
2-2-7.09		Install jack screws & dial indicators	1	1	30JUL08	30JUL08	81	1,579.40
2-2-7.10		Position coil within ±.002"	1	1	31JUL08	31JUL08	81	1,579.40
2-2-7.11		Install alumina coated shims studs, & "wiggle"	1	1	01AUG08	01AUG08	81	2,369.10
2-2-7.12		Torque50% of final value.	1	1	04AUG08	04AUG08	81	789.70
2-2-7.13		Measure position of all monuments	2	1	05AUG08	06AUG08	81	2,792.88
2-2-7.14		Measure shim puck height	1	1	07AUG08	07AUG08	81	1,579.40
2-2-7.15		remove puck locating rings & install all nose s	3	1	08AUG08	12AUG08	81	4,738.20
2-2-7.16		"Lightly" tack weld nose flex shims	1	1	13AUG08	13AUG08	81	789.70
2-2-7.17		remove "C" coil & place it on a separate fixtur	1	1	14AUG08	14AUG08	81	3,158.80
2-2-7.18		Recheck part alignment & weld all Type-B flex s	3	1	15AUG08	19AUG08	81	5,585.76
2-2-7.19		After welding "B" coil nose shims recheck align	1	1	20AUG08	20AUG08	81	1,861.92
2-2-7.20		Back office assessment of part after weld	2	1	21AUG08	22AUG08	81	3,723.84
2-2-7.21		Measure "C" fiducials	1	1	21AUG08	21AUG08	82	1,861.92
2-2-7.22		Weld all Type-C (A-flange) flex shims plasma sid	2	1	25AUG08	26AUG08	81	3,158.80
2-2-7.23		After welding determine metrology acceptance	1	1	27AUG08	27AUG08	81	1,861.92



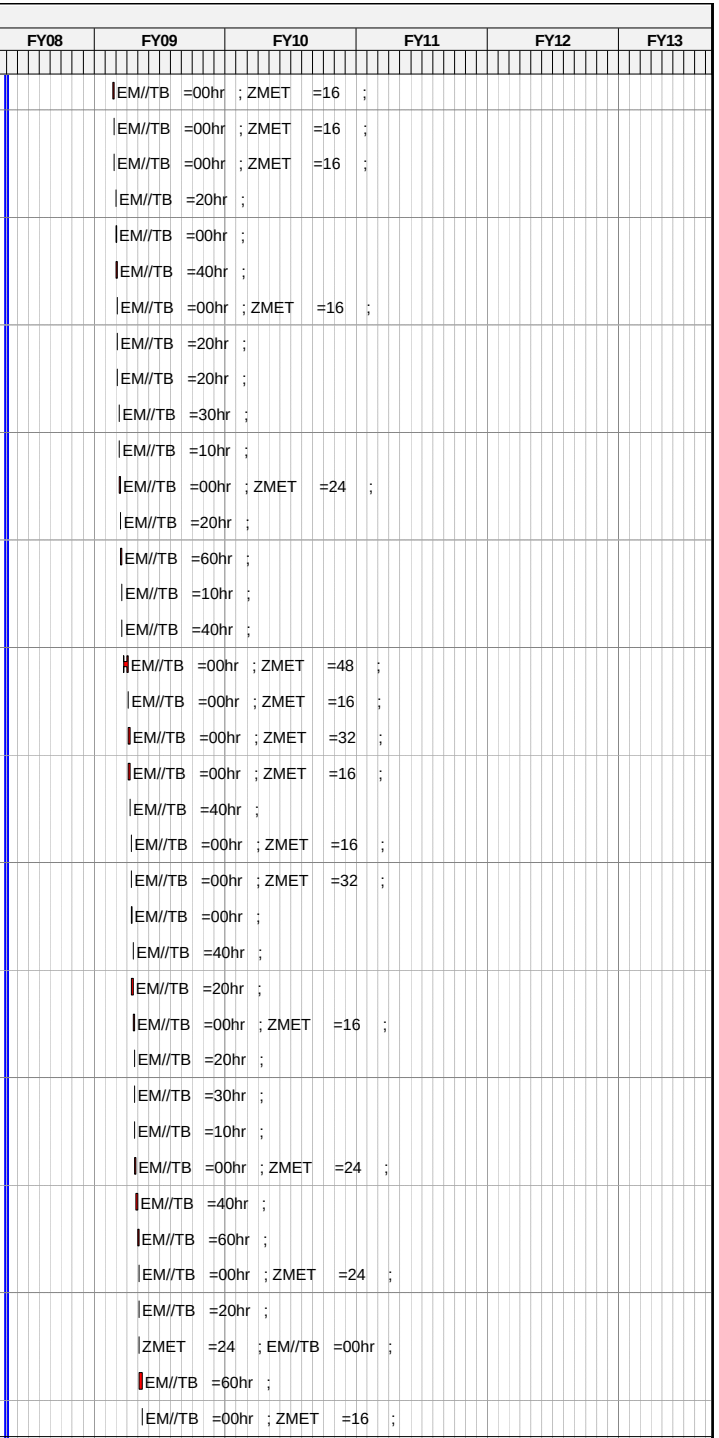
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
2-2-7.24		Back office assessment	2	1	28AUG08	29AUG08	81	3,723.84
2-2-7.25		Remove alumina shims for alignment mating coil	0	1	02SEP08	29AUG08	81	0.00
2-2-7.07		Place unfilled shim bags in wing areas	1	1	02SEP08	02SEP08	81	1,579.40
2-2-7.26		Lower mating “C” coil into position.	1	1	03SEP08	03SEP08	81	3,158.80
2-2-7.261		alignment “C” coil tooling balls	1	1	04SEP08	04SEP08	81	1,861.92
2-2-7.27		position coil accurately in x, y, & z directio	1	1	05SEP08	05SEP08	81	1,579.40
2-2-7.28		Install alumina shims;studs,, & "wiggle"	1	1	08SEP08	08SEP08	81	2,369.10
2-2-7.29		Torque50% of final value.	1	1	09SEP08	09SEP08	81	789.70
2-2-7.30		Measure position of all monuments	2	1	10SEP08	11SEP08	81	2,792.88
2-2-7.31		Adjust shims locally. Re-torque all studs50%.	2	1	12SEP08	15SEP08	81	3,158.80
2-2-7.32		Install bushing. Replace nut & tighten back50%	3	1	16SEP08	18SEP08	81	4,738.20
2-2-7.33		After super bolt tightening, measure position	1	1	19SEP08	19SEP08	81	2,792.88
2-2-7.34		Tighten all bolts to final torque.	1	1	22SEP08	22SEP08	81	1,579.40
2-2-7.35		After tightening hardware, meas position of monu	1	1	23SEP08	23SEP08	81	2,792.88
2-2-7.36		Weld B / C nose region solenoid side	3	1	24SEP08	26SEP08	81	4,738.20
2-2-7.37		Measure positions of all monuments	1	1	29SEP08	29SEP08	81	1,861.92
2-2-7.38		Back office of above results & INSTALL wing supp	2	1	30SEP08	01OCT08	81	3,833.12
2-2-7.39		Fill all lose bushings with Stycast 2850FT	2	1	02OCT08	03OCT08	81	3,342.80
Stycast shim gaps & final measurements								
2-2-8.01		Fill all wing bladders & cure	2	1	06OCT08	07OCT08	81	3,342.80
2-2-8.02		Inject stycast in all shim spaces	2	1	08OCT08	09OCT08	81	3,342.80
2-2-10.0		Complete local service & interface details	10	1	10OCT08	23OCT08	81	0.00
2-2-11.01		Measure tooling balls on all coils.	2	1	24OCT08	27OCT08	81	3,942.40
2-2-11.02		Install or identify three primary fiducials	2	1	28OCT08	29OCT08	81	3,942.40
2-2-11.03		Scan “B” flange Type-C coil & interfacing base	3	1	30OCT08	03NOV08	81	5,913.60
2-2-11.04		Measure bolt length on all tension fasteners	1	1	04NOV08	04NOV08	81	1,671.40
2-2-11.05		Perform Electrical Megger test on each coil	2	1	05NOV08	06NOV08	81	3,342.80
2-2-11.06		Mark part for identification	0	1	07NOV08	06NOV08	81	0.00
2-2-11.07		Install lift support beams	2	1	07NOV08	10NOV08	81	6,685.60
2-2-11.08		Remove from stand & measure weight of completed	1	1	11NOV08	11NOV08	81	3,342.80
2-2-11.09		Move to holding area.	2	1	12NOV08	13NOV08	81	6,685.60
2-2-11.10		Lift upper wedge & reinstall & grout at Assembly	10	1	14NOV08	01DEC08	81	16,714.00
Station 2 MC subassy A3B3C3								
A-B MC Assembly								
2-3-6.01		Lower Type-A modular coil onto jacks	3	1	02JUL08	07JUL08	40	15,062.16
2-3-6.02		Mark nose shim locations & puck locations.	0	1	08JUL08	07JUL08	40	0.00
2-3-6.03		Place initial set of alumina shims (4-8) on Type	1	1	08JUL08	08JUL08	40	1,579.40
2-3-6.05		Lower mating “B” coil into position.	1	1	09JUL08	09JUL08	40	3,158.80
2-3-6.051		Perform alignment “B” coil tooling balls	1	1	10JUL08	10JUL08	40	1,861.92



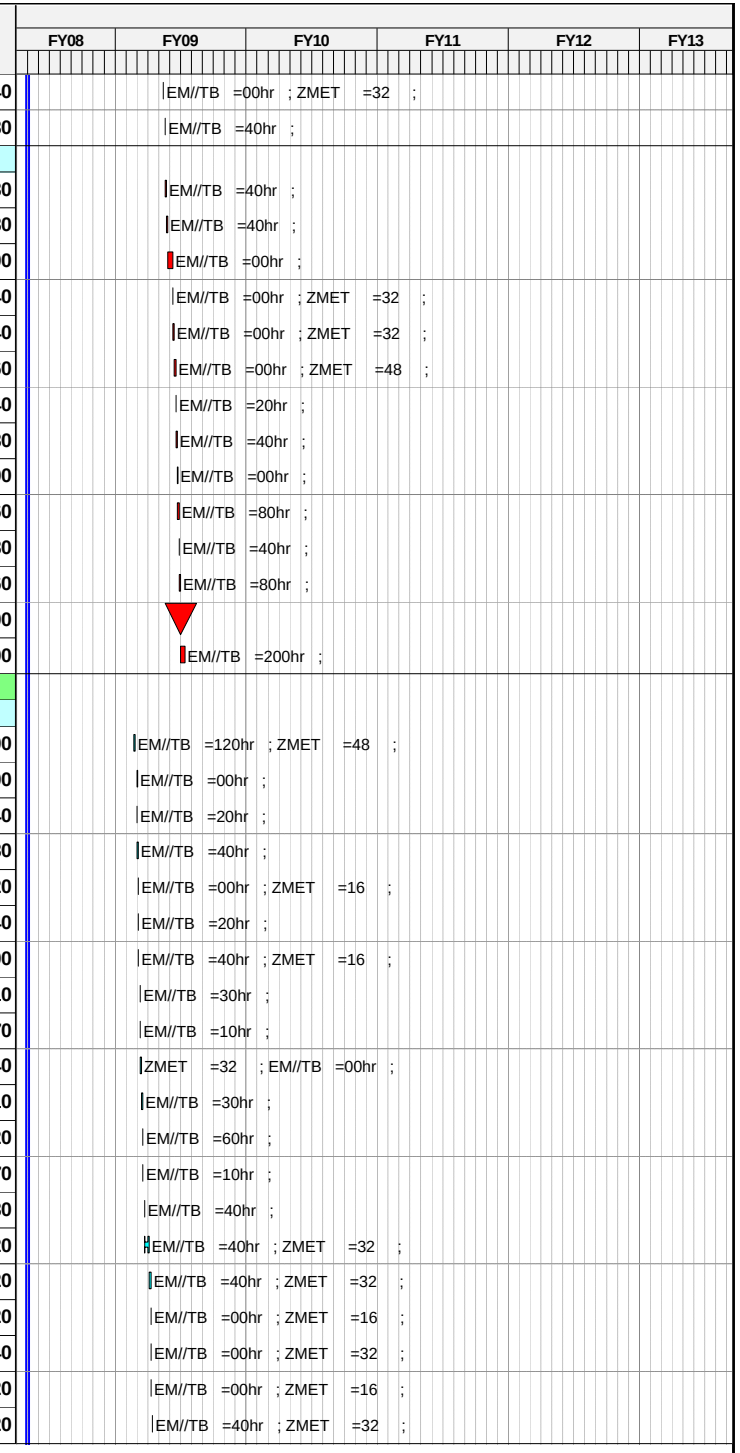
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
2-3-6.06		Install jack screws & dial indicators	1	1	11JUL08	11JUL08	40	1,579.40
2-3-6.07		Position coil within ±.002" normal plane	1	1	14JUL08	14JUL08	40	5,020.72
2-3-6.08		Install remaining alumina coated shims; studs,s	1	1	15JUL08	15JUL08	40	2,369.10
2-3-6.09		torque50% of final value & recheck.	1	1	16JUL08	16JUL08	40	789.70
2-3-6.10		Measure position of all monuments	2	1	17JUL08	18JUL08	40	3,723.84
2-3-6.11		Measure shim puck height	2	1	21JUL08	22JUL08	40	2,369.10
2-3-6.12		Remove puck locating rings & install all nose s	3	1	23JUL08	25JUL08	40	4,738.20
2-3-6.13		"Lightly" tack weld nose flex shims "A" & "B"	1	1	28JUL08	28JUL08	40	789.70
2-3-6.14		Unfasten bolts & remove "B" coil place it on sep	1	1	29JUL08	29JUL08	40	3,158.80
2-3-6.15		Recheck part alignment of "A" coil	2	1	30JUL08	31JUL08	40	6,882.64
2-3-6.151		Weld all Type-A flex shims plasma side	2	1	01AUG08	04AUG08	40	6,882.64
2-3-6.16		recheck alignment	1	1	05AUG08	05AUG08	40	1,861.92
2-3-6.17		Back office assessment of part after weld	2	1	06AUG08	07AUG08	40	3,723.84
2-3-6.18		Measure "B" fiducials estab coord sys	1	1	06AUG08	06AUG08	41	1,861.92
2-3-6.19		Weld all Type-B (A-flange) flex shims plasma sid	2	1	08AUG08	11AUG08	40	6,882.64
2-3-6.20		Recheck part metrology acceptance criterion.	1	1	12AUG08	12AUG08	40	1,861.92
2-3-6.21		Back office assessment of part after weld	2	1	13AUG08	14AUG08	40	3,723.84
2-3-6.22		Remove alumina shims as necessary	0	1	13AUG08	12AUG08	41	0.00
2-3-6.04		Place unfilled shim bags in wing areas	1	1	13AUG08	13AUG08	41	1,579.40
2-3-6.23		Lower mating “B” coil into position.	1	1	15AUG08	15AUG08	40	3,158.80
2-3-6.231		Perform alignment “B” coil tooling balls	1	1	18AUG08	18AUG08	40	1,861.92
2-3-6.24		“B” coil, position coil accurately in x, y, &	1	1	19AUG08	19AUG08	40	3,441.32
2-3-6.25		Install alumina shims;studs,supernuts, wiggle t	1	1	20AUG08	20AUG08	40	5,161.98
2-3-6.26		Torque50% of final value.	1	1	21AUG08	21AUG08	40	789.70
2-3-6.27		Measure position of all monuments	2	1	22AUG08	25AUG08	40	2,792.88
2-3-6.28		Adjust shims locally. Re-torque all studs50%.	3	1	26AUG08	28AUG08	40	10,323.96
2-3-6.29		Install bushing. Replace nut & tighten back 50%	3	1	29AUG08	03SEP08	40	4,738.20
2-3-6.30		After super bolt tightening, measure position	1	1	04SEP08	04SEP08	40	2,792.88
2-3-6.31		Tighten all boltsir final torque.	1	1	05SEP08	05SEP08	40	1,579.40
2-3-6.32		After tightening hardware, measure position	2	1	08SEP08	09SEP08	40	2,792.88
2-3-6.33		Weld A / B nose region solenoid side	3	1	10SEP08	12SEP08	40	10,323.96
2-3-6.34		Measure positions of all monuments	1	1	15SEP08	15SEP08	40	1,861.92
2-3-6.35		Review with Back Office. INSTALL wing supports	2	1	16SEP08	17SEP08	40	6,882.64
2-3-6.36		Identify, a set of monuments moved less than .0	0	1	18SEP08	17SEP08	40	0.00
2-3-6.37		Fill all loose bushings with Stycast 2850FT	2	1	18SEP08	19SEP08	40	3,158.80
2-3-6.38		Scan "B" flange (datum “E”) of “B” coil,	1	1	22SEP08	22SEP08	40	1,861.92
2-3-6.39		define all B/C flange shim thickness.	1	1	23SEP08	23SEP08	40	2,369.10
AB-C MC Assembly								
2-3-7.01		lift (A-B) coil, along with fixture, onto anot	3	1	19NOV08	21NOV08	0	10,028.40



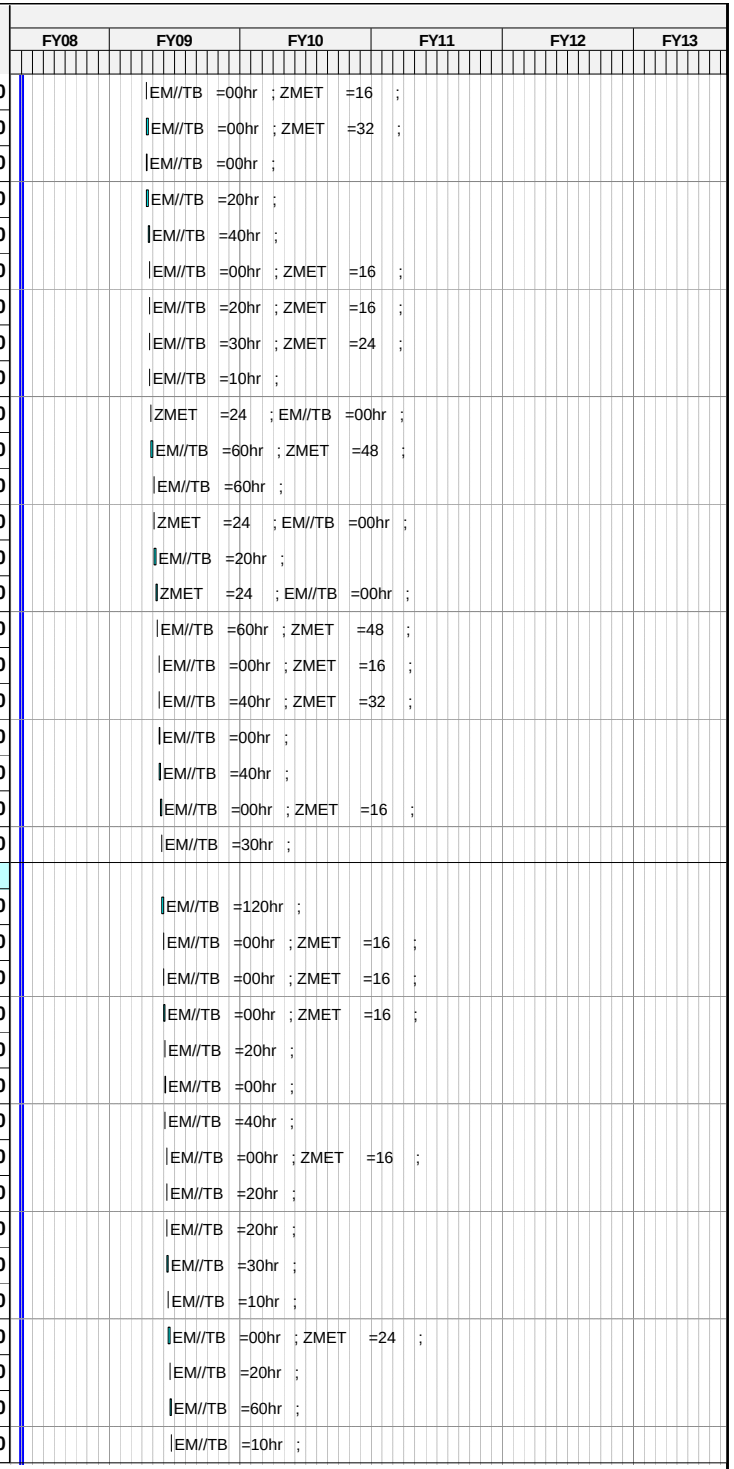
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
2-3-7.02		Select a subset of monuments for initial alignm	1	1	24NOV08	24NOV08	0	1,971.20
2-3-7.03		Align set of monuments selected in 7.02.	1	1	25NOV08	25NOV08	0	1,971.20
2-3-7.04		Establish a set of global monuments	1	1	26NOV08	26NOV08	0	1,971.20
2-3-7.05		Mark nose shim locations & puck locations.	1	1	01DEC08	01DEC08	0	1,671.40
2-3-7.06		Place initial set alumina shims (4-8) on Type-B	0	1	02DEC08	01DEC08	0	0.00
2-3-7.08		Lower mating “C” coil into position.	1	1	02DEC08	02DEC08	0	3,342.80
2-3-7.081		Perform alignment “C” coil tooling balls	1	1	03DEC08	03DEC08	0	1,971.20
2-3-7.09		Install jack screws & dial indicators	1	1	04DEC08	04DEC08	0	1,671.40
2-3-7.10		Position coil within ±.002"	1	1	05DEC08	05DEC08	0	1,671.40
2-3-7.11		Install alumina coated shims studs, & "wiggle"	1	1	08DEC08	08DEC08	0	2,507.10
2-3-7.12		Torque50% of final value.	1	1	09DEC08	09DEC08	0	835.70
2-3-7.13		Measure position of all monuments	2	1	10DEC08	11DEC08	0	2,956.80
2-3-7.14		Measure shim puck height	1	1	12DEC08	12DEC08	0	1,671.40
2-3-7.15		remove puck locating rings & install all nose s	3	1	15DEC08	17DEC08	0	5,014.20
2-3-7.16		"Lightly" tack weld nose flex shims	1	1	18DEC08	18DEC08	0	835.70
2-3-7.17		remove "C" coil & place it on a separate fixtur	1	1	19DEC08	19DEC08	0	3,342.80
2-3-7.18		Recheck part alignment & weld all Type-B flex s	3	1	22DEC08	02JAN09	0	5,913.60
2-3-7.19		After welding "B" coil nose shims recheck align	1	1	05JAN09	05JAN09	0	1,971.20
2-3-7.20		Back office assessment of part after weld	2	1	06JAN09	07JAN09	0	3,942.40
2-3-7.21		Measure "C" fiducials	1	1	06JAN09	06JAN09	1	1,971.20
2-3-7.22		Weld all Type-C (A-flange) flex shims plasma sid	2	1	08JAN09	09JAN09	0	3,342.80
2-3-7.23		After welding determine metrology acceptance	1	1	12JAN09	12JAN09	0	1,971.20
2-3-7.24		Time for a back office assessment	2	1	13JAN09	14JAN09	0	3,942.40
2-3-7.25		Remove alumina shims for alignment mating coil	0	1	15JAN09	14JAN09	0	0.00
2-3-7.26		Lower mating “C” coil into position.	1	1	16JAN09	16JAN09	0	3,342.80
2-3-7.07		Place unfilled shim bags in wing areas	1	1	15JAN09	15JAN09	0	1,671.40
2-3-7.261		alignment “C” coil tooling balls	1	1	19JAN09	19JAN09	0	1,971.20
2-3-7.27		position coil accurately in x, y, & z directio	1	1	20JAN09	20JAN09	0	1,671.40
2-3-7.28		Install alumina shims;studs,, & "wiggle"	1	1	21JAN09	21JAN09	0	2,507.10
2-3-7.29		Torque50% of final value.	1	1	22JAN09	22JAN09	0	835.70
2-3-7.30		Measure position of all monuments	2	1	23JAN09	26JAN09	0	2,956.80
2-3-7.31		Adjust shims locally. Re-torque all studs50%.	2	1	27JAN09	28JAN09	0	3,342.80
2-3-7.32		Install bushing. Replace nut & tighten back50%	3	1	29JAN09	02FEB09	0	5,014.20
2-3-7.33		After super bolt tightening, measure position	1	1	03FEB09	03FEB09	0	2,956.80
2-3-7.34		Tighten all bolts to final torque.	1	1	04FEB09	04FEB09	0	1,671.40
2-3-7.35		After tightening hardware, meas position of monu	1	1	05FEB09	05FEB09	0	2,956.80
2-3-7.36		Weld B / C nose region solenoid side	3	1	06FEB09	10FEB09	0	5,014.20
2-3-7.37		Measure positions of all monuments	1	1	11FEB09	11FEB09	0	1,971.20



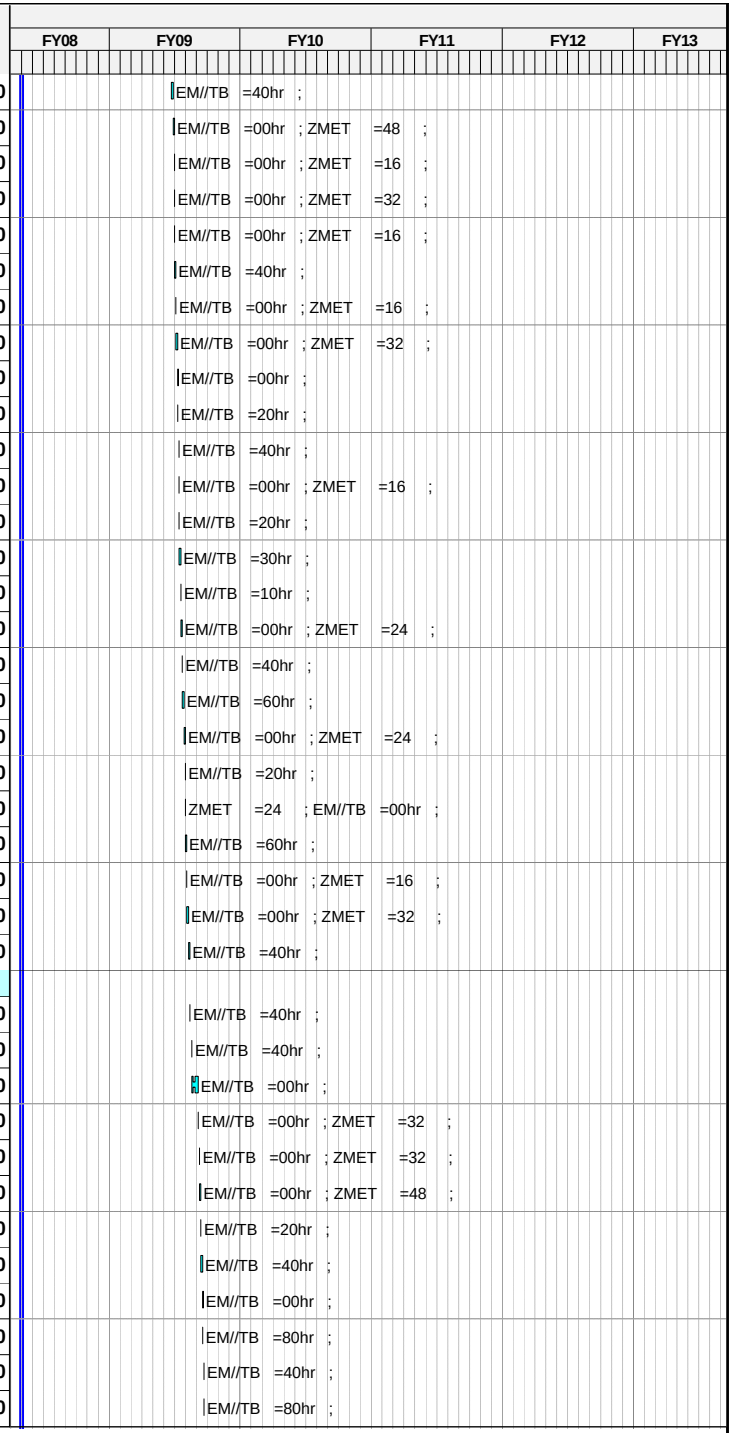
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
2-3-7.38		Back office of above results & INSTALL wing supp	2	1	12FEB09	13FEB09	0	3,942.40
2-3-7.39		Fill all lose bushings with Stycast 2850FT	2	1	16FEB09	17FEB09	0	3,342.80
Stycast shim gaps & final measurements								
2-3-8.01		Fill all wing bladders & cure	2		18FEB09	19FEB09	0	3,342.80
2-3-8.02		Inject stycast in all shim spaces	2	1	20FEB09	23FEB09	0	3,342.80
2-3-10.0		Complete local service & interface details	10	1	24FEB09	09MAR09	0	0.00
2-3-11.01		Measure tooling balls on all coils.	2	1	10MAR09	11MAR09	0	3,942.40
2-3-11.02		Install or identify three primary fiducials	2	1	12MAR09	13MAR09	0	3,942.40
2-3-11.03		Scan “B” flange Type-C coil & interfacing base	3	1	16MAR09	18MAR09	0	5,913.60
2-3-11.04		Measure bolt length on all tension fasteners	1	1	19MAR09	19MAR09	0	1,671.40
2-3-11.05		Perform Electrical Megger test on each coil	2	1	20MAR09	23MAR09	0	3,342.80
2-3-11.06		Mark part for identification	0	1	24MAR09	23MAR09	0	0.00
2-3-11.07		Install lift support beams	2	1	24MAR09	25MAR09	0	6,685.60
2-3-11.08		Remove from stand & measure weight of completed	1	1	26MAR09	26MAR09	0	3,342.80
2-3-11.09		Move to holding area.	2	1	27MAR09	30MAR09	0	6,685.60
2-3-11.09M	2	Complete 3rd MCHP Assy (Sta.2)	0	1		30MAR09	0	0.00
2-3-11.10		Lift upper wedge & reinstall & grout at Assembly	10	1	31MAR09	13APR09	0	16,714.00
Station 2 MC subassy A4B4C4								
A-B MC Assembly								
2-4-6.01		Lower Type-A modular coil onto jacks	3	1	24NOV08	26NOV08	31	15,942.00
2-4-6.02		Mark nose shim locations & puck locations.	0	1	01DEC08	26NOV08	31	0.00
2-4-6.03		Place initial set of alumina shims (4-8) on Type	1	1	01DEC08	01DEC08	31	1,671.40
2-4-6.05		Lower mating “B” coil into position.	1	1	02DEC08	02DEC08	31	3,342.80
2-4-6.051		Perform alignment “B” coil tooling balls	1	1	03DEC08	03DEC08	31	1,971.20
2-4-6.06		Install jack screws & dial indicators	1	1	04DEC08	04DEC08	31	1,671.40
2-4-6.07		Position coil within ±.002" normal plane	1	1	05DEC08	05DEC08	31	5,314.00
2-4-6.08		Install remaining alumina coated shims; studs,s	1	1	08DEC08	08DEC08	31	2,507.10
2-4-6.09		torque50% of final value & recheck.	1	1	09DEC08	09DEC08	31	835.70
2-4-6.10		Measure position of all monuments	2	1	10DEC08	11DEC08	31	3,942.40
2-4-6.11		Measure shim puck height	2	1	12DEC08	15DEC08	31	2,507.10
2-4-6.12		Remove puck locating rings & install all nose s	3	1	16DEC08	18DEC08	31	5,014.20
2-4-6.13		"Lightly" tack weld nose flex shims "A" & "B"	1	1	19DEC08	19DEC08	31	835.70
2-4-6.14		Unfasten bolts & remove "B" coil place it on sep	1	1	22DEC08	22DEC08	31	3,342.80
2-4-6.15		Recheck part alignment of "A" coil	2	1	23DEC08	02JAN09	31	7,285.20
2-4-6.151		Weld all Type-A flex shims plasma side	2	1	05JAN09	06JAN09	31	7,285.20
2-4-6.16		recheck alignment	1	1	07JAN09	07JAN09	31	1,971.20
2-4-6.17		Back office assessment of part after weld	2	1	08JAN09	09JAN09	31	3,942.40
2-4-6.18		Measure "B" fiducials estab coord sys	1	1	08JAN09	08JAN09	32	1,971.20
2-4-6.19		Weld all Type-B (A-flange) flex shims plasma sid	2	1	12JAN09	13JAN09	31	7,285.20



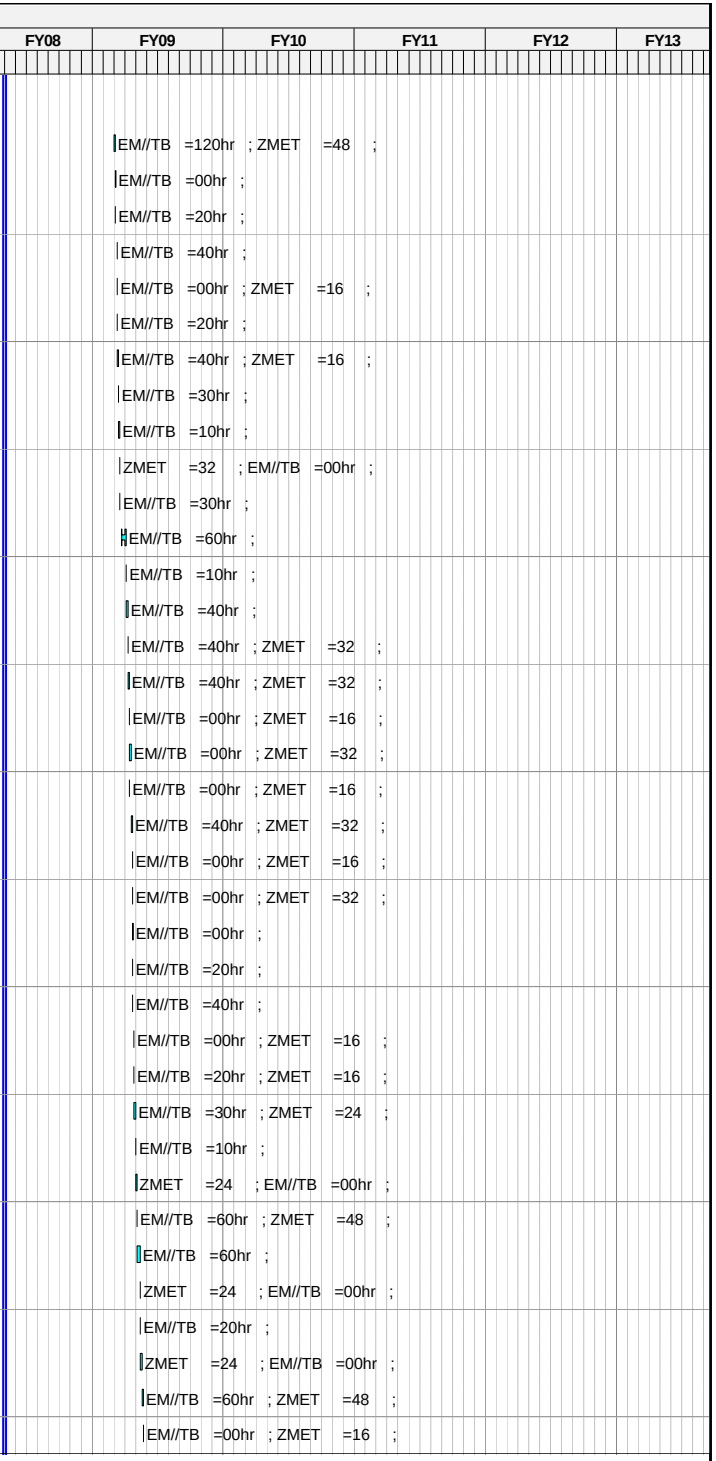
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
2-4-6.20		Recheck part metrology acceptance criterion.	1	1	14JAN09	14JAN09	31	1,971.20
2-4-6.21		Back office assessment of part after weld	2	1	15JAN09	16JAN09	31	3,942.40
2-4-6.22		Remove alumina shims as necessary	0	1	15JAN09	14JAN09	32	0.00
2-4-6.04		Place unfilled shim bags in wing areas	1	1	15JAN09	15JAN09	32	1,671.40
2-4-6.23		Lower mating “B” coil into position.	1	1	19JAN09	19JAN09	31	3,342.80
2-4-6.231		Perform alignment “B” coil tooling balls	1	1	20JAN09	20JAN09	31	1,971.20
2-4-6.24		“B” coil, position coil accurately in x, y, &	1	1	21JAN09	21JAN09	31	3,642.60
2-4-6.25		Install alumina shims;studs,supernuts, wiggle t	1	1	22JAN09	22JAN09	31	5,463.90
2-4-6.26		Torque50% of final value.	1	1	23JAN09	23JAN09	31	835.70
2-4-6.27		Measure position of all monuments	2	1	26JAN09	27JAN09	31	2,956.80
2-4-6.28		Adjust shims locally. Re-torque all studs50%.	3	1	28JAN09	30JAN09	31	10,927.80
2-4-6.29		Install bushing. Replace nut & tighten back 50%	3	1	02FEB09	04FEB09	31	5,014.20
2-4-6.30		After super bolt tightening, measure position	1	1	05FEB09	05FEB09	31	2,956.80
2-4-6.31		Tighten all boltsir final torque.	1	1	06FEB09	06FEB09	31	1,671.40
2-4-6.32		After tightening hardware, measure position	2	1	09FEB09	10FEB09	31	2,956.80
2-4-6.33		Weld A / B nose region solenoid side	3	1	11FEB09	13FEB09	31	10,927.80
2-4-6.34		Measure positions of all monuments	1	1	16FEB09	16FEB09	31	1,971.20
2-4-6.35		Review with Back Office. INSTALL wing supports	2	1	17FEB09	18FEB09	31	7,285.20
2-4-6.36		Identify, a set of monuments moved less than .0	0	1	19FEB09	18FEB09	31	0.00
2-4-6.37		Fill all loose bushings with Stycast 2850FT	2	1	19FEB09	20FEB09	31	3,342.80
2-4-6.38		Scan "B" flange (datum “E”) of “B” coil,	1	1	23FEB09	23FEB09	31	1,971.20
2-4-6.39		define all B/C flange shim thickness.	1	1	24FEB09	24FEB09	31	2,507.10
AB-C MC Assembly								
2-4-7.01		lift (A-B) coil, along with fixture, onto anot	3	1	25FEB09	27FEB09	31	10,028.40
2-4-7.02		Select a subset of monuments for initial alignm	1	1	02MAR09	02MAR09	44	1,971.20
2-4-7.03		Align set of monuments selected in 7.02.	1	1	03MAR09	03MAR09	44	1,971.20
2-4-7.04		Establish a set of global monuments	1	1	04MAR09	04MAR09	44	1,971.20
2-4-7.05		Mark nose shim locations & puck locations.	1	1	05MAR09	05MAR09	44	1,671.40
2-4-7.06		Place initial set alumina shims (4-8) on Type-B	0	1	06MAR09	05MAR09	44	0.00
2-4-7.08		Lower mating “C” coil into position.	1	1	06MAR09	06MAR09	44	3,342.80
2-4-7.081		Perform alignment “C” coil tooling balls	1	1	09MAR09	09MAR09	44	1,971.20
2-4-7.09		Install jack screws & dial indicators	1	1	10MAR09	10MAR09	44	1,671.40
2-4-7.10		Position coil within ±.002"	1	1	11MAR09	11MAR09	44	1,671.40
2-4-7.11		Install alumina coated shims studs, & "wiggle"	1	1	12MAR09	12MAR09	44	2,507.10
2-4-7.12		Torque50% of final value.	1	1	13MAR09	13MAR09	44	835.70
2-4-7.13		Measure position of all monuments	2	1	16MAR09	17MAR09	44	2,956.80
2-4-7.14		Measure shim puck height	1	1	18MAR09	18MAR09	44	1,671.40
2-4-7.15		remove puck locating rings & install all nose s	3	1	19MAR09	23MAR09	44	5,014.20
2-4-7.16		"Lightly" tack weld nose flex shims	1	1	24MAR09	24MAR09	44	835.70



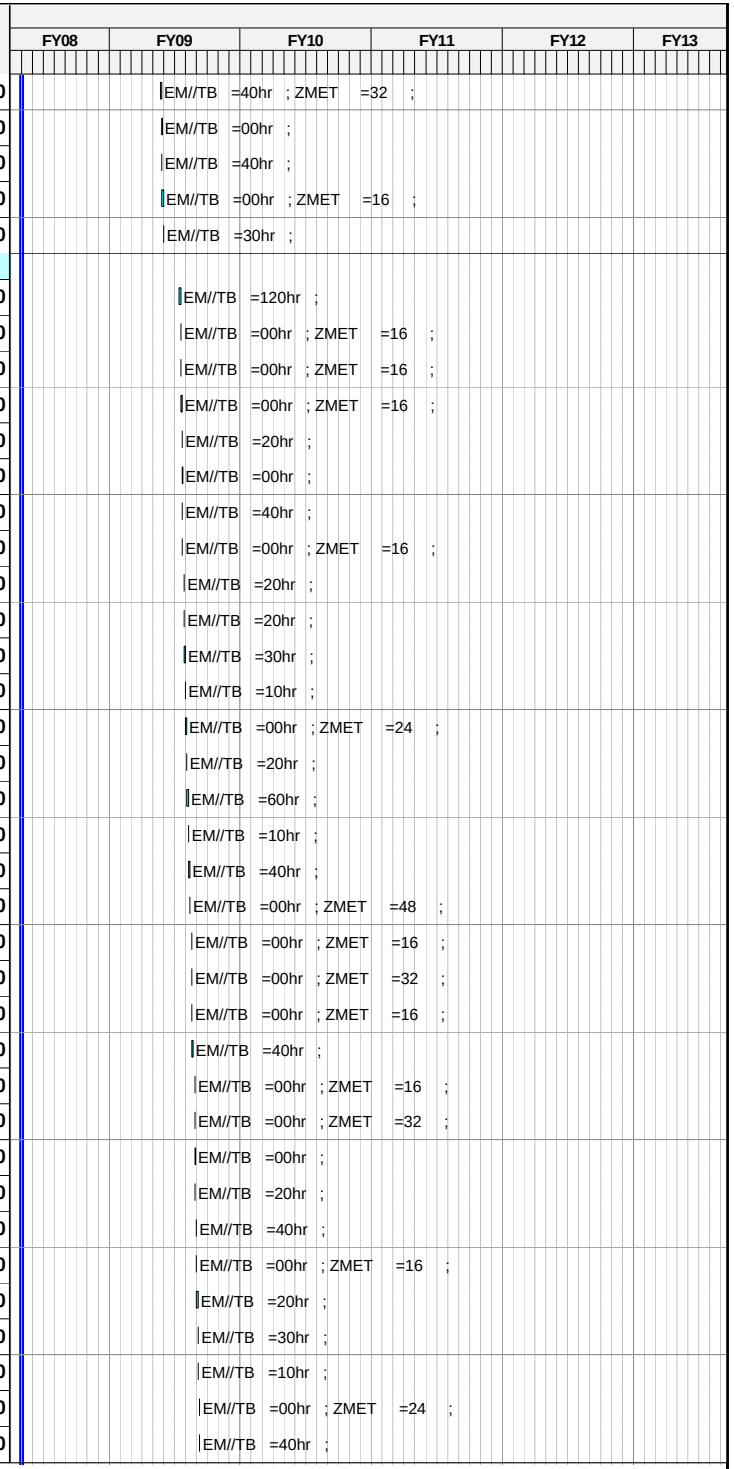
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
2-4-7.17		remove "C" coil & place it on a separate fixtur	1	1	25MAR09	25MAR09	44	3,342.80
2-4-7.18		Recheck part alignment & weld all Type-B flex s	3	1	26MAR09	30MAR09	44	5,913.60
2-4-7.19		After welding "B" coil nose shims recheck align	1	1	31MAR09	31MAR09	44	1,971.20
2-4-7.20		Back office assessment of part after weld	2	1	01APR09	02APR09	44	3,942.40
2-4-7.21		Measure "C" fiducials	1	1	01APR09	01APR09	45	1,971.20
2-4-7.22		Weld all Type-C (A-flange) flex shims plasma sid	2	1	03APR09	06APR09	44	3,342.80
2-4-7.23		After welding determine metrology acceptance	1	1	07APR09	07APR09	44	1,971.20
2-4-7.24		Back office assessment	2	1	08APR09	09APR09	44	3,942.40
2-4-7.25		Remove alumina shims for alignment mating coil	0	1	10APR09	09APR09	44	0.00
2-4-7.07		Place unfilled shim bags in wing areas	1	1	10APR09	10APR09	44	1,671.40
2-4-7.26		Lower mating “C” coil into position.	1	1	13APR09	13APR09	44	3,342.80
2-4-7.261		alignment “C” coil tooling balls	1	1	14APR09	14APR09	44	1,971.20
2-4-7.27		position coil accurately in x, y, & z directio	1	1	15APR09	15APR09	44	1,671.40
2-4-7.28		Install alumina shims;studs,, & "wiggle"	1	1	16APR09	16APR09	44	2,507.10
2-4-7.29		Torque50% of final value.	1	1	17APR09	17APR09	44	835.70
2-4-7.30		Measure position of all monuments	2	1	20APR09	21APR09	44	2,956.80
2-4-7.31		Adjust shims locally. Re-torque all studs50%.	2	1	22APR09	23APR09	44	3,342.80
2-4-7.32		Install bushing. Replace nut & tighten back50%	3	1	24APR09	28APR09	44	5,014.20
2-4-7.33		After super bolt tightening, measure position	1	1	29APR09	29APR09	44	2,956.80
2-4-7.34		Tighten all bolts to final torque.	1	1	30APR09	30APR09	44	1,671.40
2-4-7.35		After tightening hardware, meas position of monu	1	1	01MAY09	01MAY09	44	2,956.80
2-4-7.36		Weld B / C nose region solenoid side	3	1	04MAY09	06MAY09	44	5,014.20
2-4-7.37		Measure positions of all monuments	1	1	07MAY09	07MAY09	44	1,971.20
2-4-7.38		Back office of above results & INSTALL wing supp	2	1	08MAY09	11MAY09	44	3,942.40
2-4-7.39		Fill all lose bushings with Stycast 2850FT	2	1	12MAY09	13MAY09	44	3,342.80
Stycast shim gaps & final measurements								
2-4-8.01		Fill all wing bladders & cure	2	1	14MAY09	15MAY09	44	3,342.80
2-4-8.02		Inject stycast in all shim spaces	2	1	18MAY09	19MAY09	44	3,342.80
2-4-10.0		Complete local service & interface details	10	1	20MAY09	03JUN09	44	0.00
2-4-11.01		Measure tooling balls on all coils.	2	1	04JUN09	05JUN09	44	3,942.40
2-4-11.02		Install or identify three primary fiducials	2	1	08JUN09	09JUN09	44	3,942.40
2-4-11.03		Scan “B” flange Type-C coil & interfacing base	3	1	10JUN09	12JUN09	44	5,913.60
2-4-11.04		Measure bolt length on all tension fasteners	1	1	15JUN09	15JUN09	44	1,671.40
2-4-11.05		Perform Electrical Megger test on each coil	2	1	16JUN09	17JUN09	44	3,342.80
2-4-11.06		Mark part for identification	0	1	18JUN09	17JUN09	44	0.00
2-4-11.07		Install lift support beams	2	1	18JUN09	19JUN09	44	6,685.60
2-4-11.08		Remove from stand & measure weight of completed	1	1	22JUN09	22JUN09	44	3,342.80
2-4-11.09		Move to holding area.	2	1	23JUN09	24JUN09	44	6,685.60



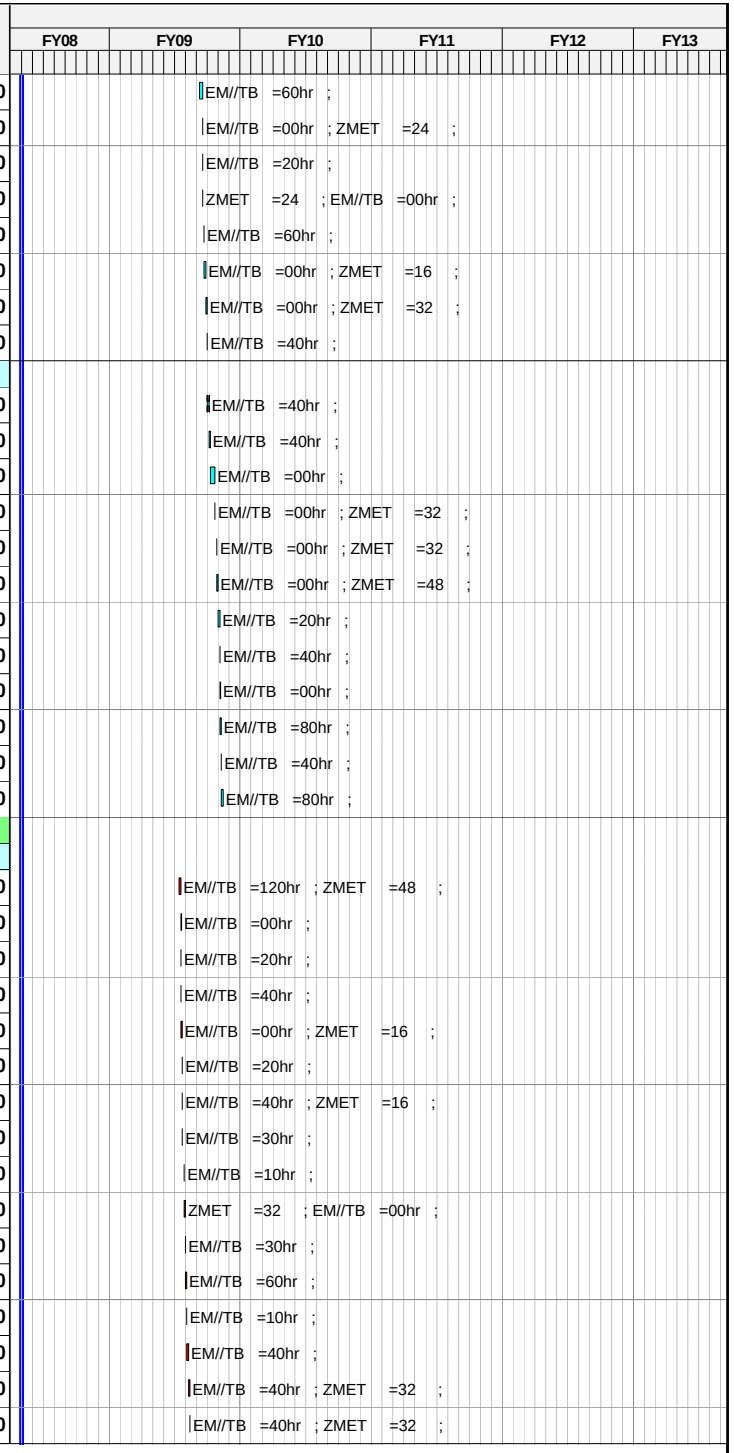
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
Station 2 MC subassy A5B5C5								
A-B MC Assembly								
2-5-6.01		Lower Type-A modular coil onto jacks	3	1	02DEC08	04DEC08	81	15,942.00
2-5-6.02		Mark nose shim locations & puck locations.	0	1	05DEC08	04DEC08	81	0.00
2-5-6.03		Place initial set of alumina shims (4-8) on Type	1	1	05DEC08	05DEC08	81	1,671.40
2-5-6.05		Lower mating “B” coil into position.	1	1	08DEC08	08DEC08	81	3,342.80
2-5-6.051		Perform alignment “B” coil tooling balls	1	1	09DEC08	09DEC08	81	1,971.20
2-5-6.06		Install jack screws & dial indicators	1	1	10DEC08	10DEC08	81	1,671.40
2-5-6.07		Position coil within ±.002" normal plane	1	1	11DEC08	11DEC08	81	5,314.00
2-5-6.08		Install remaining alumina coated shims; studs,s	1	1	12DEC08	12DEC08	81	2,507.10
2-5-6.09		torque50% of final value & recheck.	1	1	15DEC08	15DEC08	81	835.70
2-5-6.10		Measure position of all monuments	2	1	16DEC08	17DEC08	81	3,942.40
2-5-6.11		Measure shim puck height	2	1	18DEC08	19DEC08	81	2,507.10
2-5-6.12		Remove puck locating rings & install all nose s	3	1	22DEC08	02JAN09	81	5,014.20
2-5-6.13		"Lightly" tack weld nose flex shims "A" & "B"	1	1	05JAN09	05JAN09	81	835.70
2-5-6.14		Unfasten bolts & remove "B" coil place it on sep	1	1	06JAN09	06JAN09	81	3,342.80
2-5-6.15		Recheck part alignment of "A" coil	2	1	07JAN09	08JAN09	81	7,285.20
2-5-6.151		Weld all Type-A flex shims plasma side	2	1	09JAN09	12JAN09	81	7,285.20
2-5-6.16		recheck alignment	1	1	13JAN09	13JAN09	81	1,971.20
2-5-6.17		Back office assessment of part after weld	2	1	14JAN09	15JAN09	81	3,942.40
2-5-6.18		Measure "B" fiducials estab coord sys	1	1	14JAN09	14JAN09	82	1,971.20
2-5-6.19		Weld all Type-B (A-flange) flex shims plasma sid	2	1	16JAN09	19JAN09	81	7,285.20
2-5-6.20		Recheck part metrology acceptance criterion.	1	1	20JAN09	20JAN09	81	1,971.20
2-5-6.21		Back office assessment of part after weld	2	1	21JAN09	22JAN09	81	3,942.40
2-5-6.22		Remove alumina shims as necessary	0	1	21JAN09	20JAN09	82	0.00
2-5-6.04		Place unfilled shim bags in wing areas	1	1	21JAN09	21JAN09	82	1,671.40
2-5-6.23		Lower mating “B” coil into position.	1	1	23JAN09	23JAN09	81	3,342.80
2-5-6.231		Perform alignment “B” coil tooling balls	1	1	26JAN09	26JAN09	81	1,971.20
2-5-6.24		“B” coil, position coil accurately in x, y, &	1	1	27JAN09	27JAN09	81	3,642.60
2-5-6.25		Install alumina shims;studs,supernuts, wiggle t	1	1	28JAN09	28JAN09	81	5,463.90
2-5-6.26		Torque50% of final value.	1	1	29JAN09	29JAN09	81	835.70
2-5-6.27		Measure position of all monuments	2	1	30JAN09	02FEB09	81	2,956.80
2-5-6.28		Adjust shims locally. Re-torque all studs50%.	3	1	03FEB09	05FEB09	81	10,927.80
2-5-6.29		Install bushing. Replace nut & tighten back 50%	3	1	06FEB09	10FEB09	81	5,014.20
2-5-6.30		After super bolt tightening, measure position	1	1	11FEB09	11FEB09	81	2,956.80
2-5-6.31		Tighten all boltsir final torque.	1	1	12FEB09	12FEB09	81	1,671.40
2-5-6.32		After tightening hardware, measure position	2	1	13FEB09	16FEB09	81	2,956.80
2-5-6.33		Weld A / B nose region solenoid side	3	1	17FEB09	19FEB09	81	10,927.80
2-5-6.34		Measure positions of all monuments	1	1	20FEB09	20FEB09	81	1,971.20



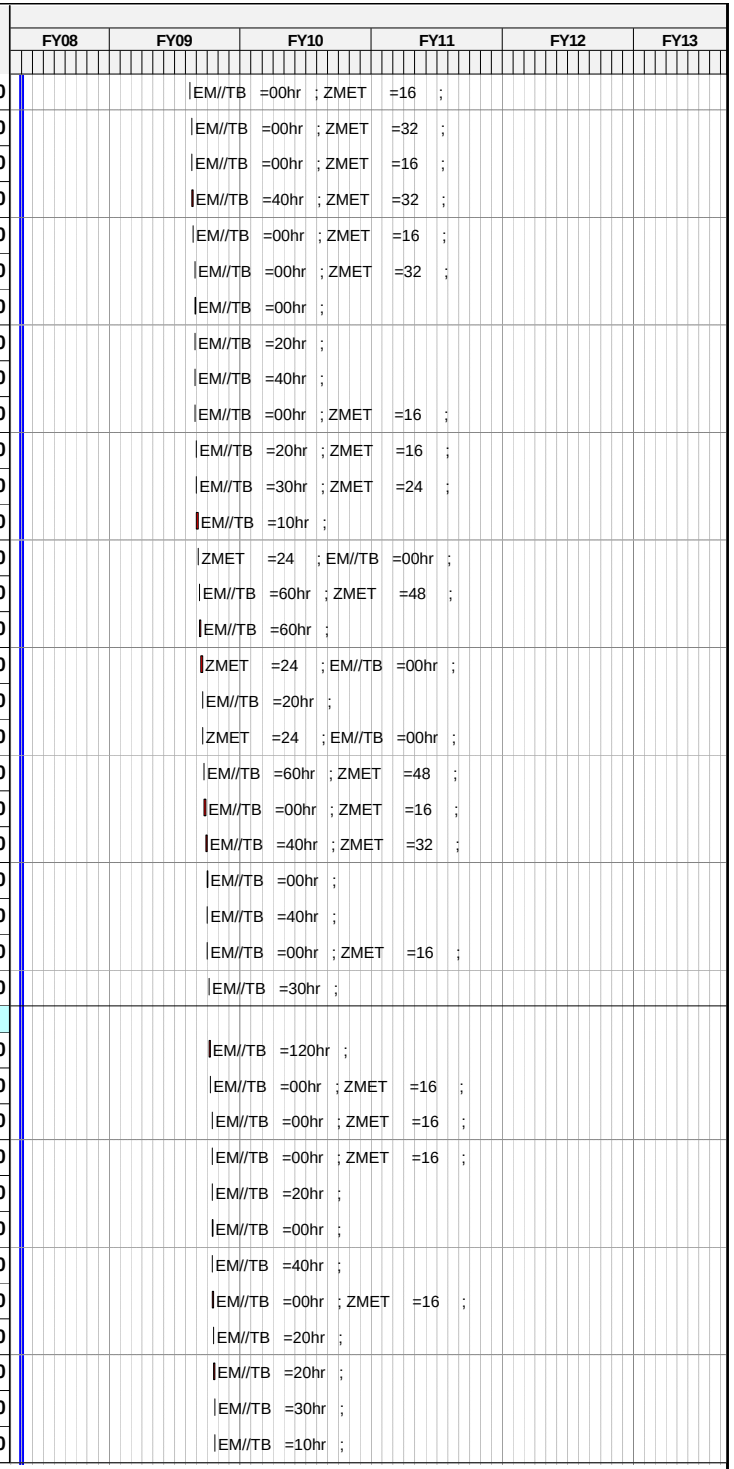
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
2-5-6.35		Review with Back Office. INSTALL wing supports	2	1	23FEB09	24FEB09	81	7,285.20
2-5-6.36		Identify, a set of monuments moved less than .0	0	1	25FEB09	24FEB09	81	0.00
2-5-6.37		Fill all loose bushings with Stycast 2850FT	2	1	25FEB09	26FEB09	81	3,342.80
2-5-6.38		Scan "B" flange (datum "E") of "B" coil,	1	1	27FEB09	27FEB09	81	1,971.20
2-5-6.39		define all B/C flange shim thickness.	1	1	02MAR09	02MAR09	81	2,507.10
AB-C MC Assembly								
2-5-7.01		lift (A-B) coil, along with fixture, onto anot	3	1	14APR09	16APR09	51	10,028.40
2-5-7.02		Select a subset of monuments for initial alignm	1	1	17APR09	17APR09	51	1,971.20
2-5-7.03		Align set of monuments selected in 7.02.	1	1	20APR09	20APR09	51	1,971.20
2-5-7.04		Establish a set of global monuments	1	1	21APR09	21APR09	51	1,971.20
2-5-7.05		Mark nose shim locations & puck locations.	1	1	22APR09	22APR09	51	1,671.40
2-5-7.06		Place initial set alumina shims (4-8) on Type-B	0	1	23APR09	22APR09	51	0.00
2-5-7.08		Lower mating "C" coil into position.	1	1	23APR09	23APR09	51	3,342.80
2-5-7.081		Perform alignment "C" coil tooling balls	1	1	24APR09	24APR09	51	1,971.20
2-5-7.09		Install jack screws & dial indicators	1	1	27APR09	27APR09	51	1,671.40
2-5-7.10		Position coil within ±.002"	1	1	28APR09	28APR09	51	1,671.40
2-5-7.11		Install alumina coated shims studs, & "wiggle"	1	1	29APR09	29APR09	51	2,507.10
2-5-7.12		Torque50% of final value.	1	1	30APR09	30APR09	51	835.70
2-5-7.13		Measure position of all monuments	2	1	01MAY09	04MAY09	51	2,956.80
2-5-7.14		Measure shim puck height	1	1	05MAY09	05MAY09	51	1,671.40
2-5-7.15		remove puck locating rings & install all nose s	3	1	06MAY09	08MAY09	51	5,014.20
2-5-7.16		"Lightly" tack weld nose flex shims	1	1	11MAY09	11MAY09	51	835.70
2-5-7.17		remove "C" coil & place it on a separate fixtur	1	1	12MAY09	12MAY09	51	3,342.80
2-5-7.18		Recheck part alignment & weld all Type-B flex s	3	1	13MAY09	15MAY09	51	5,913.60
2-5-7.19		After welding "B" coil nose shims recheck align	1	1	18MAY09	18MAY09	51	1,971.20
2-5-7.20		Back office assessment of part after weld	2	1	19MAY09	20MAY09	51	3,942.40
2-5-7.21		Measure "C" fiducials	1	1	19MAY09	19MAY09	52	1,971.20
2-5-7.22		Weld all Type-C (A-flange) flex shims plasma sid	2	1	21MAY09	22MAY09	51	3,342.80
2-5-7.23		After welding determine metrology acceptance	1	1	26MAY09	26MAY09	51	1,971.20
2-5-7.24		Back office assessment	2	1	27MAY09	28MAY09	51	3,942.40
2-5-7.25		Remove alumina shims for alignment mating coil	0	1	29MAY09	28MAY09	51	0.00
2-5-7.07		Place unfilled shim bags in wing areas	1	1	29MAY09	29MAY09	51	1,671.40
2-5-7.26		Lower mating "C" coil into position.	1	1	01JUN09	01JUN09	51	3,342.80
2-5-7.261		alignment "C" coil tooling balls	1	1	02JUN09	02JUN09	51	1,971.20
2-5-7.27		position coil accurately in x, y, & z directio	1	1	03JUN09	03JUN09	51	1,671.40
2-5-7.28		Install alumina shims;studs,, & "wiggle"	1	1	04JUN09	04JUN09	51	2,507.10
2-5-7.29		Torque50% of final value.	1	1	05JUN09	05JUN09	51	835.70
2-5-7.30		Measure position of all monuments	2	1	08JUN09	09JUN09	51	2,956.80
2-5-7.31		Adjust shims locally. Re-torque all studs50%.	2	1	10JUN09	11JUN09	51	3,342.80



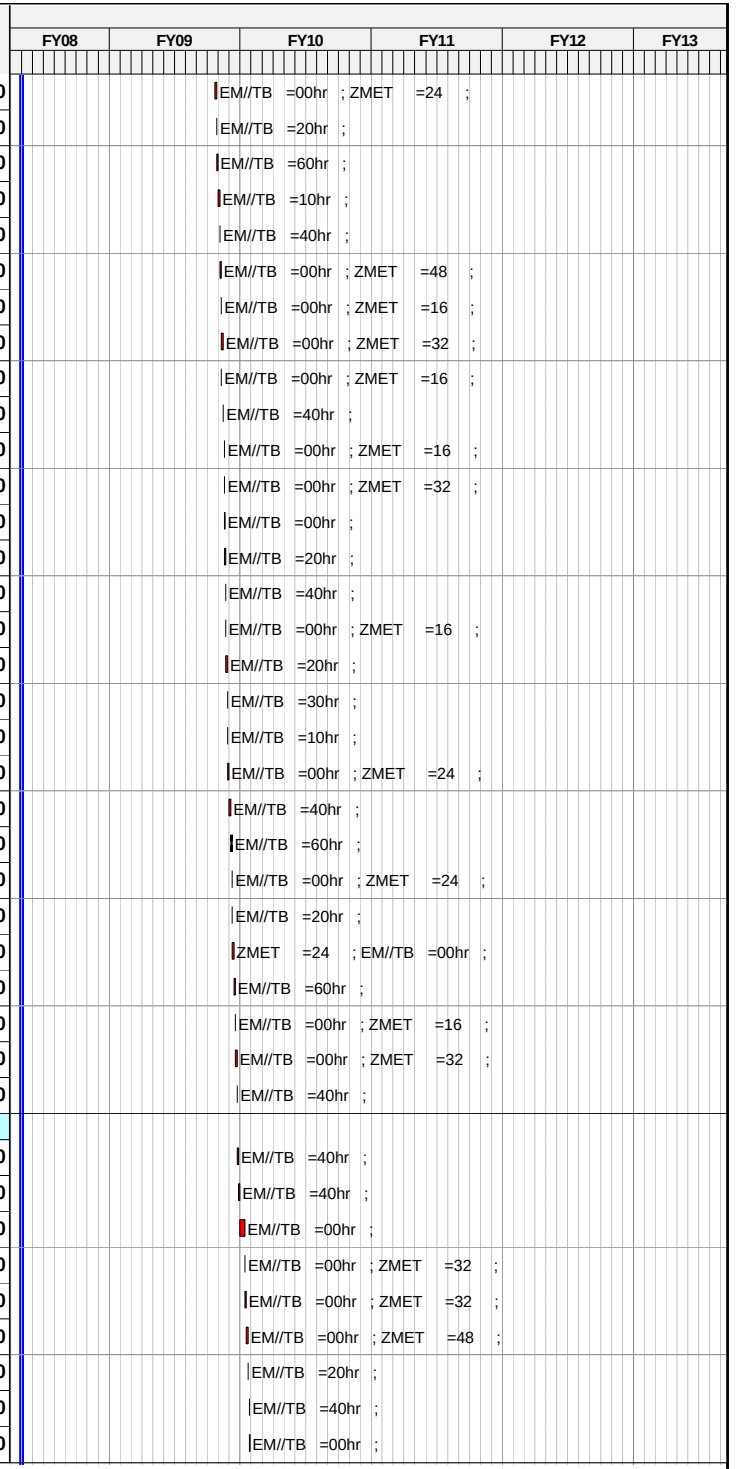
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
2-5-7.32		Install bushing. Replace nut & tighten back50%	3	1	12JUN09	16JUN09	51	5,014.20
2-5-7.33		After super bolt tightening, measure position	1	1	17JUN09	17JUN09	51	2,956.80
2-5-7.34		Tighten all bolts to final torque.	1	1	18JUN09	18JUN09	51	1,671.40
2-5-7.35		After tightening hardware, meas position of monu	1	1	19JUN09	19JUN09	51	2,956.80
2-5-7.36		Weld B / C nose region solenoid side	3	1	22JUN09	24JUN09	51	5,014.20
2-5-7.37		Measure positions of all monuments	1	1	25JUN09	25JUN09	51	1,971.20
2-5-7.38		Back office of above results & INSTALL wing supp	2	1	26JUN09	29JUN09	51	3,942.40
2-5-7.39		Fill all lose bushings with Stycast 2850FT	2	1	30JUN09	01JUL09	51	3,342.80
Stycast shim gaps & final measurements								
2-5-8.01		Fill all wing bladders & cure	2	1	02JUL09	06JUL09	51	3,342.80
2-5-8.02		Inject stycast in all shim spaces	2	1	07JUL09	08JUL09	51	3,342.80
2-5-10.0		Complete local service & interface details	10	1	09JUL09	22JUL09	51	0.00
2-5-11.01		Measure tooling balls on all coils.	2	1	23JUL09	24JUL09	51	3,942.40
2-5-11.02		Install or identify three primary fiducials	2	1	27JUL09	28JUL09	51	3,942.40
2-5-11.03		Scan “B” flange Type-C coil & interfacing base	3	1	29JUL09	31JUL09	51	5,913.60
2-5-11.04		Measure bolt length on all tension fasteners	1	1	03AUG09	03AUG09	51	1,671.40
2-5-11.05		Perform Electrical Megger test on each coil	2	1	04AUG09	05AUG09	51	3,342.80
2-5-11.06		Mark part for identification	0	1	06AUG09	05AUG09	51	0.00
2-5-11.07		Install lift support beams	2	1	06AUG09	07AUG09	51	6,685.60
2-5-11.08		Remove from stand & measure weight of completed	1	1	10AUG09	10AUG09	51	3,342.80
2-5-11.09		Move to holding area.	2	1	11AUG09	12AUG09	51	6,685.60
Station 2 MC subassy A6B6C6								
A-B MC Assembly								
2-6-6.01		Lower Type-A modular coil onto jacks	3	1	14APR09	16APR09	0	15,942.00
2-6-6.02		Mark nose shim locations & puck locations.	0	1	17APR09	16APR09	0	0.00
2-6-6.03		Place initial set of alumina shims (4-8) on Type	1	1	17APR09	17APR09	0	1,671.40
2-6-6.05		Lower mating “B” coil into position.	1	1	20APR09	20APR09	0	3,342.80
2-6-6.051		Perform alignment “B” coil tooling balls	1	1	21APR09	21APR09	0	1,971.20
2-6-6.06		Install jack screws & dial indicators	1	1	22APR09	22APR09	0	1,671.40
2-6-6.07		Position coil within ±.002" normal plane	1	1	23APR09	23APR09	0	5,314.00
2-6-6.08		Install remaining alumina coated shims; studs,s	1	1	24APR09	24APR09	0	2,507.10
2-6-6.09		torque50% of final value & recheck.	1	1	27APR09	27APR09	0	835.70
2-6-6.10		Measure position of all monuments	2	1	28APR09	29APR09	0	3,942.40
2-6-6.11		Measure shim puck height	2	1	30APR09	01MAY09	0	2,507.10
2-6-6.12		Remove puck locating rings & install all nose s	3	1	04MAY09	06MAY09	0	5,014.20
2-6-6.13		"Lightly" tack weld nose flex shims "A" & "B"	1	1	07MAY09	07MAY09	0	835.70
2-6-6.14		Unfasten bolts & remove "B" coil place it on sep	1	1	08MAY09	08MAY09	0	3,342.80
2-6-6.15		Recheck part alignment of "A" coil	2	1	11MAY09	12MAY09	0	7,285.20
2-6-6.151		Weld all Type-A flex shims plasma side	2	1	13MAY09	14MAY09	0	7,285.20



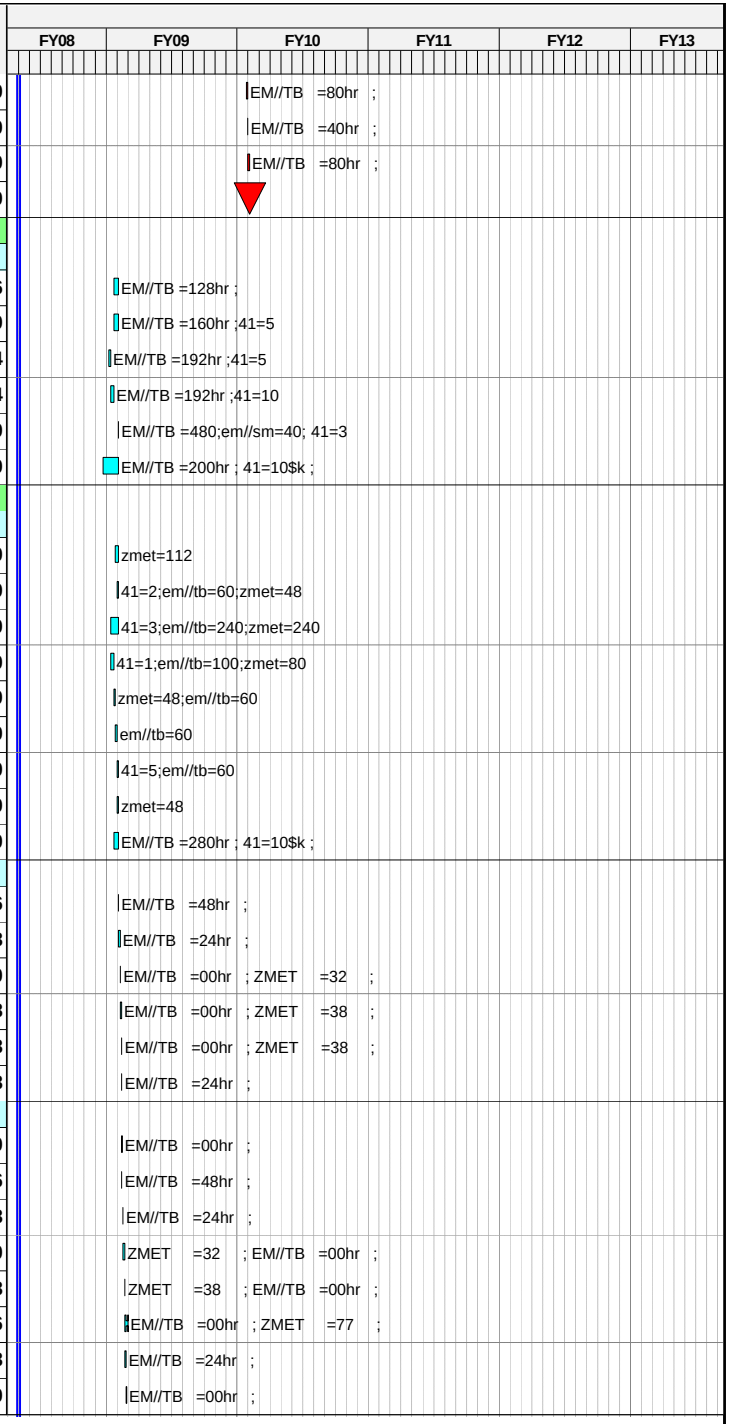
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
2-6-6.16		recheck alignment	1	1	15MAY09	15MAY09	0	1,971.20
2-6-6.17		Back office assessment of part after weld	2	1	18MAY09	19MAY09	0	3,942.40
2-6-6.18		Measure "B" fiducials estab coord sys	1	1	18MAY09	18MAY09	1	1,971.20
2-6-6.19		Weld all Type-B (A-flange) flex shims plasma sid	2	1	20MAY09	21MAY09	0	7,285.20
2-6-6.20		Recheck part metrology acceptance criterion.	1	1	22MAY09	22MAY09	0	1,971.20
2-6-6.21		Back office assessment of part after weld	2	1	26MAY09	27MAY09	0	3,942.40
2-6-6.22		Remove alumina shims as necessary	0	1	26MAY09	22MAY09	1	0.00
2-6-6.04		Place unfilled shim bags in wing areas	1	1	26MAY09	26MAY09	1	1,671.40
2-6-6.23		Lower mating “B” coil into position.	1	1	28MAY09	28MAY09	0	3,342.80
2-6-6.231		Perform alignment “B” coil tooling balls	1	1	29MAY09	29MAY09	0	1,971.20
2-6-6.24		“B” coil, position coil accurately in x, y, &	1	1	01JUN09	01JUN09	0	3,642.60
2-6-6.25		Install alumina shims;studs,supernuts, wiggle t	1	1	02JUN09	02JUN09	0	5,463.90
2-6-6.26		Torque50% of final value.	1	1	03JUN09	03JUN09	0	835.70
2-6-6.27		Measure position of all monuments	2	1	04JUN09	05JUN09	0	2,956.80
2-6-6.28		Adjust shims locally. Re-torque all studs50%.	3	1	08JUN09	10JUN09	0	10,927.80
2-6-6.29		Install bushing. Replace nut & tighten back 50%	3	1	11JUN09	15JUN09	0	5,014.20
2-6-6.30		After super bolt tightening, measure position	1	1	16JUN09	16JUN09	0	2,956.80
2-6-6.31		Tighten all boltsir final torque.	1	1	17JUN09	17JUN09	0	1,671.40
2-6-6.32		After tightening hardware, measure position	2	1	18JUN09	19JUN09	0	2,956.80
2-6-6.33		Weld A / B nose region solenoid side	3	1	22JUN09	24JUN09	0	10,927.80
2-6-6.34		Measure positions of all monuments	1	1	25JUN09	25JUN09	0	1,971.20
2-6-6.35		Review with Back Office. INSTALL wing supports	2	1	26JUN09	29JUN09	0	7,285.20
2-6-6.36		Identify, a set of monuments moved less than .0	0	1	30JUN09	29JUN09	0	0.00
2-6-6.37		Fill all loose bushings with Stycast 2850FT	2	1	30JUN09	01JUL09	0	3,342.80
2-6-6.38		Scan "B" flange (datum “E”) of “B” coil,	1	1	02JUL09	02JUL09	0	1,971.20
2-6-6.39		define all B/C flange shim thickness.	1	1	06JUL09	06JUL09	0	2,507.10
AB-C MC Assembly								
2-6-7.01		lift (A-B) coil, along with fixture, onto anot	3	1	07JUL09	09JUL09	0	10,028.40
2-6-7.02		Select a subset of monuments for initial alignm	1	1	10JUL09	10JUL09	0	1,971.20
2-6-7.03		Align set of monuments selected in 7.02.	1	1	13JUL09	13JUL09	0	1,971.20
2-6-7.04		Establish a set of global monuments	1	1	14JUL09	14JUL09	0	1,971.20
2-6-7.05		Mark nose shim locations & puck locations.	1	1	15JUL09	15JUL09	0	1,671.40
2-6-7.06		Place initial set alumina shims (4-8) on Type-B	0	1	16JUL09	15JUL09	0	0.00
2-6-7.08		Lower mating “C” coil into position.	1	1	16JUL09	16JUL09	0	3,342.80
2-6-7.081		Perform alignment “C” coil tooling balls	1	1	17JUL09	17JUL09	0	1,971.20
2-6-7.09		Install jack screws & dial indicators	1	1	20JUL09	20JUL09	0	1,671.40
2-6-7.10		Position coil within ±.002"	1	1	21JUL09	21JUL09	0	1,671.40
2-6-7.11		Install alumina coated shims studs, & "wiggle"	1	1	22JUL09	22JUL09	0	2,507.10
2-6-7.12		Torque50% of final value.	1	1	23JUL09	23JUL09	0	835.70



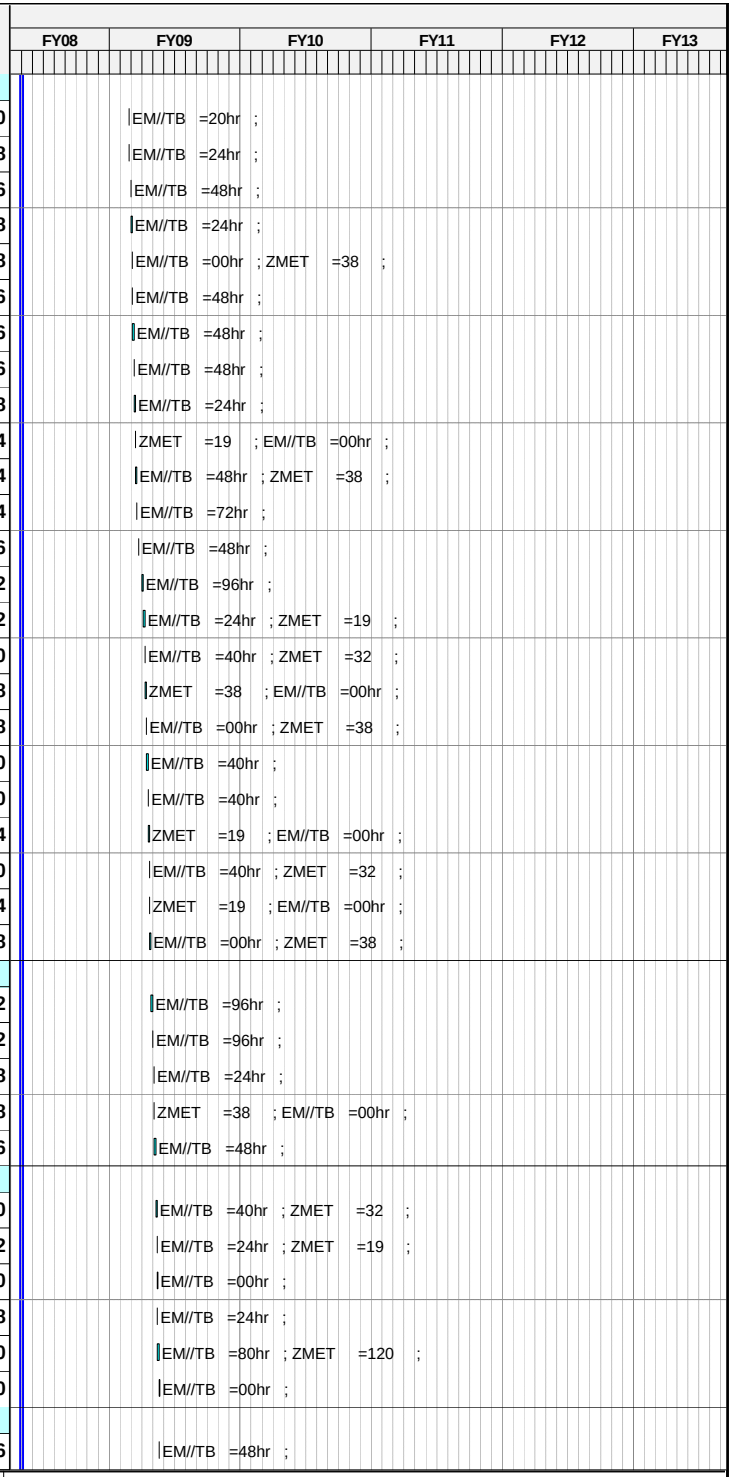
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
2-6-7.13		Measure position of all monuments	2	1	24JUL09	27JUL09	0	2,956.80
2-6-7.14		Measure shim puck height	1	1	28JUL09	28JUL09	0	1,671.40
2-6-7.15		remove puck locating rings & install all nose s	3	1	29JUL09	31JUL09	0	5,014.20
2-6-7.16		"Lightly" tack weld nose flex shims	1	1	03AUG09	03AUG09	0	835.70
2-6-7.17		remove "C" coil & place it on a separate fixtur	1	1	04AUG09	04AUG09	0	3,342.80
2-6-7.18		Recheck part alignment & weld all Type-B flex s	3	1	05AUG09	07AUG09	0	5,913.60
2-6-7.19		After welding "B" coil nose shims recheck align	1	1	10AUG09	10AUG09	0	1,971.20
2-6-7.20		Back office assessment of part after weld	2	1	11AUG09	12AUG09	0	3,942.40
2-6-7.21		Measure "C" fiducials	1	1	11AUG09	11AUG09	1	1,971.20
2-6-7.22		Weld all Type-C (A-flange) flex shims plasma sid	2	1	13AUG09	14AUG09	0	3,342.80
2-6-7.23		After welding determine metrology acceptance	1	1	17AUG09	17AUG09	0	1,971.20
2-6-7.24		Back office assessment	2	1	18AUG09	19AUG09	0	3,942.40
2-6-7.25		Remove alumina shims for alignment mating coil	0	1	20AUG09	19AUG09	0	0.00
2-6-7.07		Place unfilled shim bags in wing areas	1	1	20AUG09	20AUG09	0	1,671.40
2-6-7.26		Lower mating “C” coil into position.	1	1	21AUG09	21AUG09	0	3,342.80
2-6-7.261		alignment “C” coil tooling balls	1	1	24AUG09	24AUG09	0	1,971.20
2-6-7.27		position coil accurately in x, y, & z directio	1	1	25AUG09	25AUG09	0	1,671.40
2-6-7.28		Install alumina shims;studs,, & "wiggle"	1	1	26AUG09	26AUG09	0	2,507.10
2-6-7.29		Torque50% of final value.	1	1	27AUG09	27AUG09	0	835.70
2-6-7.30		Measure position of all monuments	2	1	28AUG09	31AUG09	0	2,956.80
2-6-7.31		Adjust shims locally. Re-torque all studs50%.	2	1	01SEP09	02SEP09	0	3,342.80
2-6-7.32		Install bushing. Replace nut & tighten back50%	3	1	03SEP09	08SEP09	0	5,014.20
2-6-7.33		After super bolt tightening, measure position	1	1	09SEP09	09SEP09	0	2,956.80
2-6-7.34		Tighten all bolts to final torque.	1	1	10SEP09	10SEP09	0	1,671.40
2-6-7.35		After tightening hardware, meas position of monu	1	1	11SEP09	11SEP09	0	2,956.80
2-6-7.36		Weld B / C nose region solenoid side	3	1	14SEP09	16SEP09	0	5,014.20
2-6-7.37		Measure positions of all monuments	1	1	17SEP09	17SEP09	0	1,971.20
2-6-7.38		Back office of above results & INSTALL wing supp	2	1	18SEP09	21SEP09	0	3,942.40
2-6-7.39		Fill all lose bushings with Stycast 2850FT	2	1	22SEP09	23SEP09	0	3,342.80
Stycast shim gaps & final measurements								
2-6-8.01		Fill all wing bladders & cure	2	1	24SEP09	25SEP09	0	3,342.80
2-6-8.02		Inject stycast in all shim spaces	2	1	28SEP09	29SEP09	0	3,342.80
2-6-10.0		Complete local service & interface details	10	1	30SEP09	13OCT09	0	0.00
2-6-11.01		Measure tooling balls on all coils.	2	1	14OCT09	15OCT09	0	4,057.60
2-6-11.02		Install or identify three primary fiducials	2	1	16OCT09	19OCT09	0	4,057.60
2-6-11.03		Scan “B” flange Type-C coil & interfacing base	3	1	20OCT09	22OCT09	0	6,086.40
2-6-11.04		Measure bolt length on all tension fasteners	1	1	23OCT09	23OCT09	0	1,720.20
2-6-11.05		Perform Electrical Megger test on each coil	2	1	26OCT09	27OCT09	0	3,440.40
2-6-11.06		Mark part for identification	0	1	28OCT09	27OCT09	0	0.00



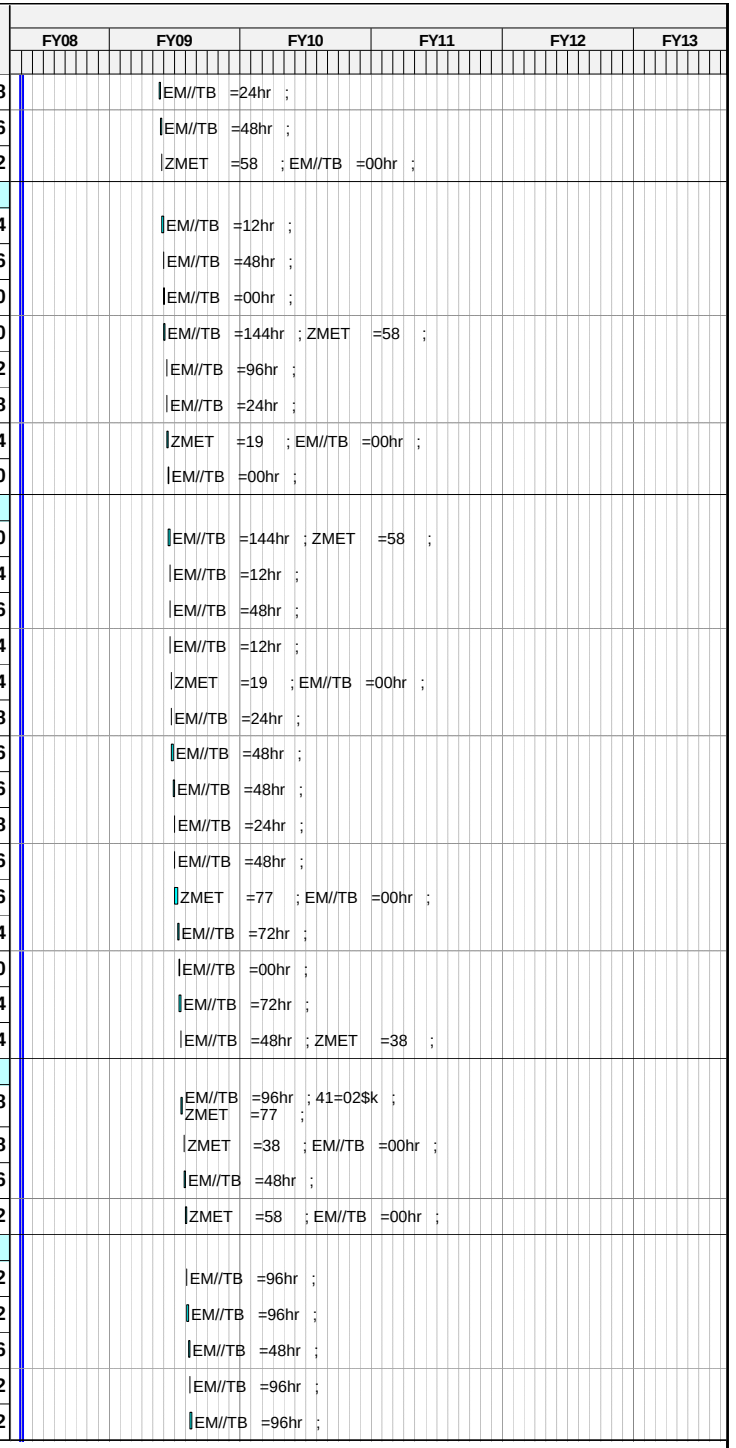
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
2-6-11.07		Install lift support beams	2	1	28OCT09	29OCT09	0	6,880.80
2-6-11.08		Remove from stand & measure weight of completed	1	1	30OCT09	30OCT09	0	3,440.40
2-6-11.09		Move to holding area.	2	1	02NOV09	03NOV09	0	6,880.80
S26MILE		complete A6/B6/C6	0	1		03NOV09	0	0.00
Station 3 Setup/Preparations/General								
Misc Prep activities								
R1810-3112		Load Test 3 legged actuator lift fixtur	8	1	24OCT08	04NOV08	84	10,696.96
R1810-3113		Procure wire rope slings & 6 17ton shackles	8	1	24OCT08	04NOV08	84	19,901.20
R1810-3151		Fab new platform legs	4	1	10OCT08*	15OCT08	84	22,575.44
R1810-3153		Fab new platform safety rails	4	1	16OCT08*	21OCT08	84	29,105.44
R1810-3109		Remove winding stations & enclosures	2	1	03NOV08	04NOV08	84	56,064.40
R1810-3107		Test out station 3 equipment and procedures	30	1	24SEP08	04NOV08	84	49,682.00
Station 3-Assemble Mod Coils and VVSA-FP#1								
Set-up and Prep								
3-1-1.01		transfer CAD models	7	1	27OCT08	04NOV08	84	13,798.40
3-1-1.02		Install Station 3 site monuments	3	1	31OCT08	04NOV08	84	13,539.80
3-1-1.021		Design, fabricate and calibrate photogrammetry	15	1	15OCT08	04NOV08	84	53,542.80
3-1-1.03		Install floor mounted tracks and the VV base sup	5	1	16OCT08	22OCT08	84	19,519.00
3-1-1.04		Install MCHP left support stand. Position to .0	3	1	23OCT08	27OCT08	84	10,927.80
3-1-1.05		Install the MCHP right support stand;	3	1	28OCT08	30OCT08	84	5,014.20
3-1-1.06		Install alignment brackets, jack screws dial ind	3	1	31OCT08	04NOV08	84	11,544.20
3-1-1.07		Reconfirm Leica position	3	1	31OCT08	04NOV08	84	5,913.60
3-0-PLAT.1		Install station 3 platforms FP#1(8 required)	10	1	22OCT08	04NOV08	84	23,399.60
Pre-assemble LEFT MCHP								
3-1-2.01		Position left MCHP over left support	1	1	05NOV08	05NOV08	84	4,011.36
3-1-2.02		Secure left MCHP to vertical support posts	1	1	06NOV08	06NOV08	84	2,005.68
3-1-2.03		Measure all chosen monuments	2	1	07NOV08	10NOV08	84	3,942.40
3-1-2.04		Measure the Type-A and Type-C end flanges while	2	1	11NOV08	12NOV08	84	4,730.88
3-1-2.05		Allow time for the back office to review the me	2	1	13NOV08	14NOV08	84	4,730.88
3-1-2.06		Mark nose shim locations & pucks	1	1	13NOV08	13NOV08	84	2,005.68
Pre-assemble RIGHT MCHP								
3-1-3.01		Move the right support cart in the far right lo	0	1	14NOV08	13NOV08	84	0.00
3-1-3.02		Position right MCHP over right support	1	1	14NOV08	14NOV08	84	4,011.36
3-1-3.03		Secure right MCHP to support base	1	1	17NOV08	17NOV08	84	2,005.68
3-1-3.04		Measure the target monuments on right MCHP with	2	1	18NOV08	19NOV08	84	3,942.40
3-1-3.05		Measure the Type-A and Type-C end flanges while	2	1	20NOV08	21NOV08	84	4,730.88
3-1-3.06		Allow time for the back office to review the me	4	1	24NOV08	01DEC08	84	9,461.76
3-1-3.07		Mark nose shim locations	1	1	24NOV08	24NOV08	84	2,005.68
3-1-3.08		Define all outboard shim thicknesses	0	1	25NOV08	24NOV08	84	0.00



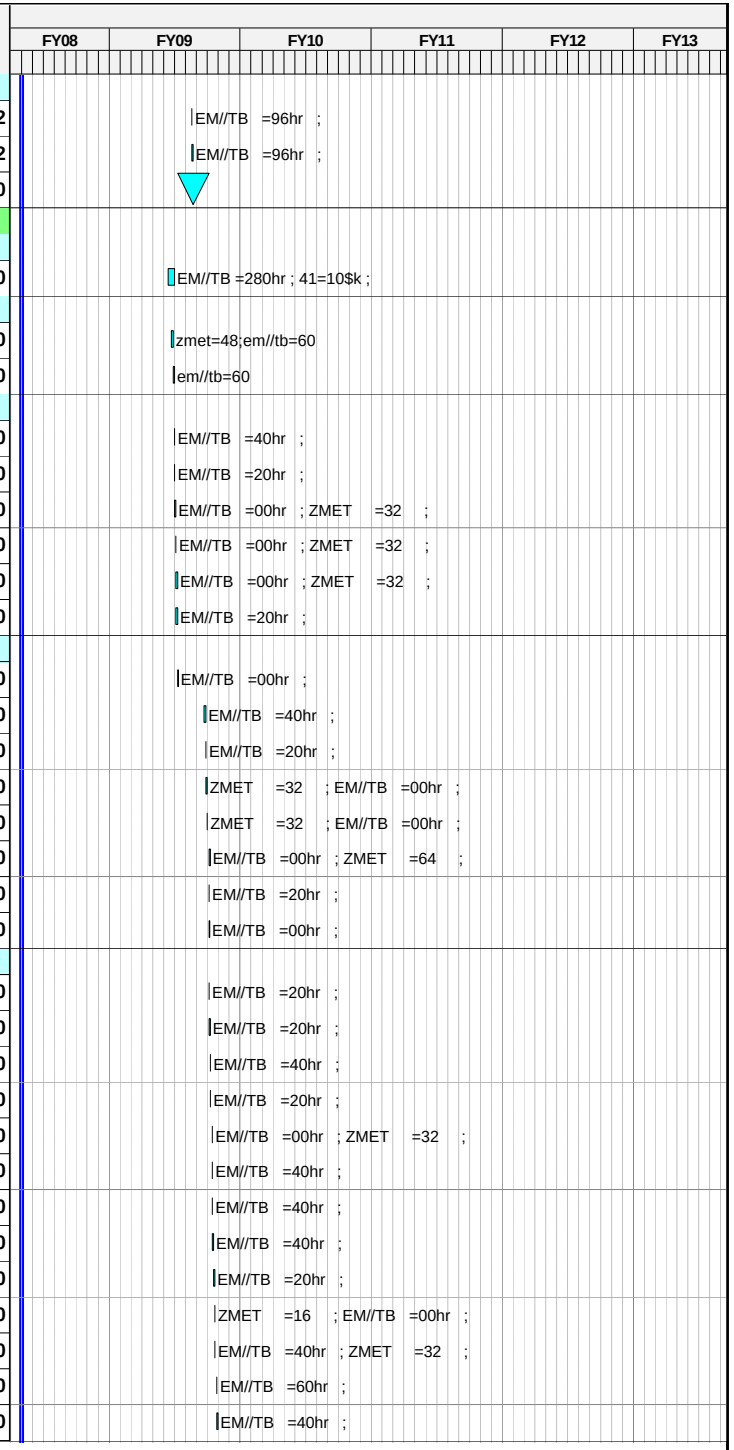
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
Pre-assemble LEFT and RIGHT MCHP								
3-1-4.01		Place alumina shims (4-8) onleft side type A	1	1	25NOV08	25NOV08	84	1,671.40
3-1-4.02		Temp lift right MCHP and move support cart	1	1	26NOV08	26NOV08	84	2,005.68
3-1-4.03		Position right MCHP over right support	1	1	01DEC08	01DEC08	84	4,011.36
3-1-4.04		Bring Air Loc wedgemeount leveler to take load	1	1	02DEC08	02DEC08	84	2,005.68
3-1-4.05		Measure the target monuments on left MCHP with	2	1	03DEC08	04DEC08	84	4,730.88
3-1-4.06		Install temporary scaffolding to install flange	1	1	03DEC08	03DEC08	85	4,011.36
3-1-4.07		Instl remaining alumina shims; instl nuts/studs	2	1	05DEC08	08DEC08	84	4,011.36
3-1-4.08		Make a hand "wiggle" test (rotate on bolt) on a	2	1	09DEC08	10DEC08	84	4,011.36
3-1-4.09		Tighten flange fasteners to 50%	1	1	11DEC08	11DEC08	84	2,005.68
3-1-4.10		measure the position of all monuments	1	1	12DEC08	12DEC08	84	2,365.44
3-1-4.11		Measure the shim puck height (at a number of po	2	1	15DEC08	16DEC08	84	8,742.24
3-1-4.111		Fit and tack weld flex shims in place	3	1	17DEC08	19DEC08	84	6,017.04
3-1-4.12		Unfasten all bolts, & roll right MCHP to right	2	1	22DEC08	23DEC08	84	4,011.36
3-1-4.121		lay left MCHP onto 60 degree wedge for welding	2	1	02JAN09	05JAN09	84	8,022.72
3-1-4.122		Measure the left MCHP fiducials	1	1	06JAN09	06JAN09	84	4,371.12
3-1-4.13		Recheck alignment & weld plasma side shims	2	1	07JAN09	08JAN09	84	7,285.20
3-1-4.14		After welding the left MCHP nose shims recheck	2	1	09JAN09	12JAN09	84	4,730.88
3-1-4.15		Time for back office assessment	2	1	13JAN09	14JAN09	84	4,730.88
3-1-4.151		Lift left MCHP & install on support stand	1	1	15JAN09	15JAN09	84	3,342.80
3-1-4.152		Lay right MCHP on 60 deg wedge for welding	1	1	16JAN09	16JAN09	84	3,342.80
3-1-4.16		Measure right MCHP fiducials establish ref	1	1	19JAN09	19JAN09	84	2,365.44
3-1-4.17		Weld right MCHP flex shims	2	1	20JAN09	21JAN09	84	7,285.20
3-1-4.18		After welding the right MCHP nose shims recheck	1	1	22JAN09	22JAN09	84	2,365.44
3-1-4.19		Time for back office assessment	2	1	23JAN09	26JAN09	84	4,730.88
RE-assemble LEFT and RIGHT MCHP								
3-1-5.01		Lift right MCHP and move support cart	2	1	27JAN09	28JAN09	84	8,022.72
3-1-5.02		Position right MCHP over right support	2	1	29JAN09	30JAN09	84	8,022.72
3-1-5.03		Bring Air Loc wedgemeount leveler to take load	1	1	02FEB09	02FEB09	84	2,005.68
3-1-5.04		Measure the target monuments on left MCHP with	2	1	03FEB09	04FEB09	84	4,730.88
3-1-5.05		Bond all inboard shim pucks to the right MCHP T	2	1	05FEB09	06FEB09	84	4,011.36
Install Laser Screen								
3-1-6.02		Place all laser screens	2	1	09FEB09	10FEB09	84	7,285.20
3-1-6.03		Turn each lasers on & measure each laser source	1	1	11FEB09	11FEB09	84	4,371.12
3-1-6.04		Print path on milar paper	0	1	12FEB09	11FEB09	84	0.00
3-1-6.05		Disengage the right MCHP & move to far right	1	1	12FEB09	12FEB09	84	2,005.68
3-1-6.06		Remove the left MCHP test laser path	2	1	13FEB09	16FEB09	84	21,469.60
3-1-6.07		Place left MCHP in temp location	0	1	17FEB09	16FEB09	84	0.00
Install Vacuum Vessel								
3-1-7.02		Install VV NBI port support stand.	2	1	17FEB09	18FEB09	84	4,011.36



Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
3-1-7.03		Install VVSA to base support and make connection	1	1	19FEB09	19FEB09	84	2,005.68
3-1-7.04		take tooling ball readings and secure VVSA	2	1	20FEB09	23FEB09	84	4,011.36
3-1-7.05		Scan VV surface and compare data	3	1	24FEB09	26FEB09	84	7,096.32
Install RIGHT MCHP over VV								
3-1-8.01		Install any bumper protection components on the	1	1	27FEB09	27FEB09	84	1,002.84
3-1-8.03		Install MCHP lift fixture, disengage leveler	2	1	02MAR09	03MAR09	84	4,011.36
3-1-8.04		Re-install the right adjustor bar.	0	1	04MAR09	03MAR09	84	0.00
3-1-8.05		Move right MCHP over the VV	3	1	04MAR09	06MAR09	84	19,130.40
3-1-8.06		Position right MCHP over right support	2	1	09MAR09	10MAR09	84	8,022.72
3-1-8.07		Bring AirLoc Wedgemount leveler up to take load	1	1	11MAR09	11MAR09	84	2,005.68
3-1-8.08		Measure the target monuments on right MCHP with	1	1	12MAR09	12MAR09	84	2,365.44
3-1-8.09		move MCHP to right 1/2"	0	1	13MAR09	12MAR09	84	0.00
Install LEFT MCHP over VV								
3-1-9.02		Move left MCHP over VV to within 1/2"	3	1	13MAR09	17MAR09	84	19,130.40
3-1-9.03		Using adjustor bar move right MCHP back	1	1	18MAR09	18MAR09	84	1,002.84
3-1-9.05		Position left MCHP over left support	1	1	19MAR09	19MAR09	84	4,011.36
3-1-9.06		Bring AirLoc Wedgemount leveler up to take load	1	1	20MAR09	20MAR09	84	1,002.84
3-1-9.061		Measure the target monuments on right MCHP	1	1	23MAR09	23MAR09	84	2,365.44
3-1-9.07		Remove laser screens to provide more flr space	1	1	24MAR09	24MAR09	84	2,005.68
3-1-9.08		Install temporary scaffolding to install flange	2	1	25MAR09	26MAR09	84	4,011.36
3-1-9.09		Install bolts and all outboard alumina shims.	2	1	27MAR09	30MAR09	84	4,011.36
3-1-9.1		Tighten flange fasteners to 50%	1	1	31MAR09	31MAR09	84	2,005.68
3-1-9.11		Make a hand "wiggle" test (rotate on bolt)	2	1	01APR09	02APR09	84	4,011.36
3-1-9.12		Perform metrology measurements of all alignment	4	1	03APR09	08APR09	84	9,461.76
3-1-9.13		Perform position adjustments on left side MCHP	3	1	09APR09	13APR09	84	6,017.04
3-1-9.14		Remove SISSCO actuator from left MCHP.	0	1	14APR09	13APR09	84	0.00
3-1-9.15		Machine and install bushings	3	1	14APR09	16APR09	84	6,017.04
3-1-9.16		Tighten nuts 100%. Re-verify adequate MCHP ali	2	1	17APR09	20APR09	84	8,742.24
Weld inboard shims & fill bushing gaps								
3-1-10.01		Weld inboard shims solenoid side	4	1	21APR09	24APR09	84	20,618.88
3-1-10.02		Measure the positions of all monuments	2	1	27APR09	28APR09	84	4,730.88
3-1-10.03		Fill all lose bushings with Stycast 2850FT	2	1	29APR09	30APR09	84	4,011.36
3-1-10.04		Measure the monuments on all coils.	3	1	01MAY09	05MAY09	84	7,096.32
VVSA attachment to MC's								
3-1-11.01		Attach permanent VV supports to Type A MC	2	1	06MAY09	07MAY09	84	8,022.72
3-1-11.02		Attach temp VV supports to Type B MC	2	1	08MAY09	11MAY09	84	8,022.72
3-1-11.03		Disconnect base support and transfer load to VV	1	1	12MAY09	12MAY09	84	4,011.36
3-1-11.04		Install VV lateral supports and align VVSA	2	1	13MAY09	14MAY09	84	8,022.72
3-1-11.05		Prepare VVSA for transport. Install blocking	2	1	15MAY09	18MAY09	84	8,022.72

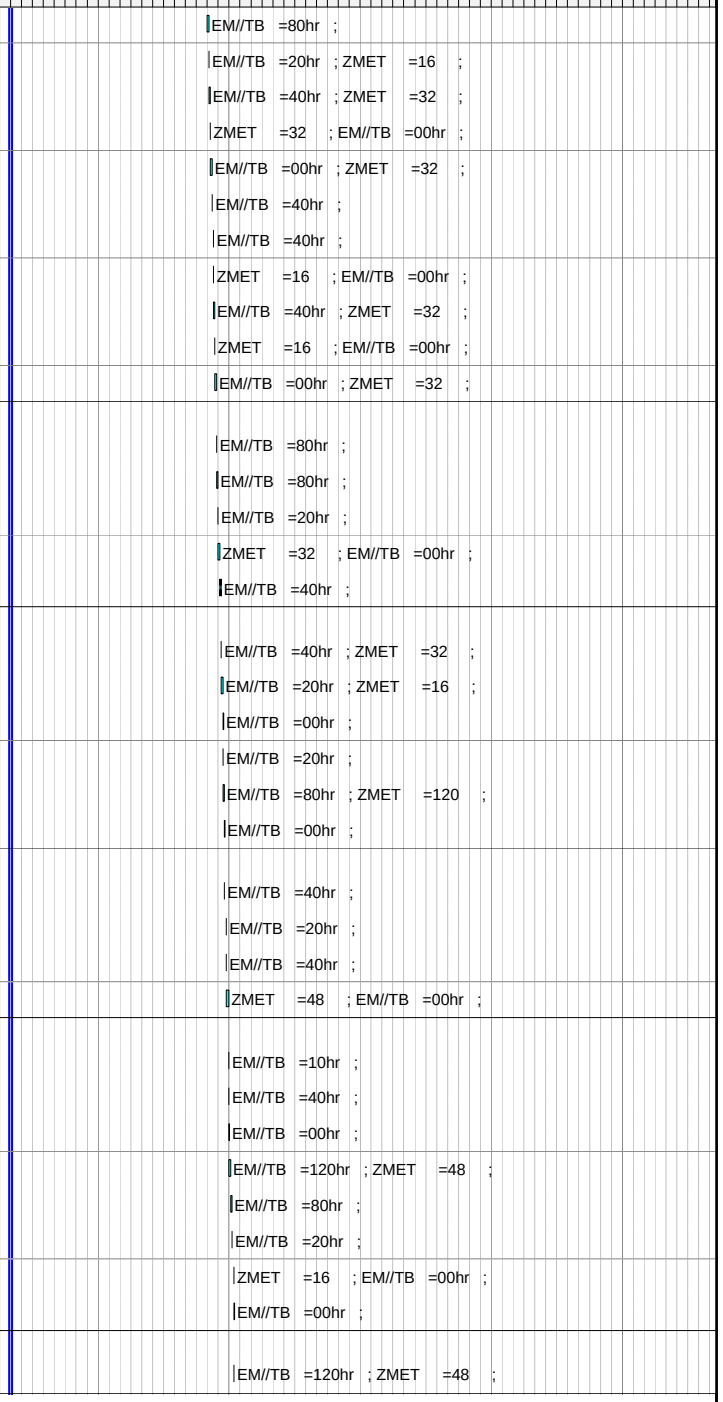


Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
Transfer to Station 5								
3-1-12.01		Instl rigging to MCWF transfer to support frame	2	1	19MAY09	20MAY09	84	8,022.72
3-1-12.02		Transfer to Station 5 located in NCSX TC	2	1	21MAY09	22MAY09	84	8,022.72
S31-10.02M	2	Complete 1st MC-VV Assy (Sta 3)	0	1		22MAY09	84	0.00
Station 3-Assemble Mod Coils and VVSA-FP#2								
Misc Prep activities								
3-0-PLAT.2		Install station 3 platforms FP#2(8 required)	10	1	17MAR09	30MAR09	98	23,399.60
Set-up and Prep								
3-2-1.04		Install MCHP left support stand. Position to .0	3	1	23MAR09	25MAR09	98	10,927.80
3-2-1.05		Install the MCHP right support stand;	3	1	26MAR09	30MAR09	98	5,014.20
Pre-assemble LEFT MCHP								
3-2-2.01		Position left MCHP over left support	1	1	31MAR09	31MAR09	98	3,342.80
3-2-2.02		Secure left MCHP to vertical support posts	1	1	01APR09	01APR09	98	1,671.40
3-2-2.03		Measure all chosen monuments	2	1	02APR09	03APR09	98	3,942.40
3-2-2.04		Measure the Type-A and Type-C end flanges while	2	1	06APR09	07APR09	98	3,942.40
3-2-2.05		Allow time for the back office to review the me	2	1	08APR09	09APR09	98	3,942.40
3-2-2.06		Mark nose shim locations & pucks	1	1	08APR09	08APR09	98	1,671.40
Pre-assemble RIGHT MCHP								
3-2-3.01		Move the right support cart in the far right lo	0	1	09APR09	08APR09	98	0.00
3-2-3.02		Position right MCHP over right support	1	1	25JUN09	25JUN09	44	3,342.80
3-2-3.03		Secure right MCHP to support base	1	1	26JUN09	26JUN09	44	1,671.40
3-2-3.04		Measure the target monuments on right MCHP with	2	1	29JUN09	30JUN09	44	3,942.40
3-2-3.05		Measure the Type-A and Type-C end flanges while	2	1	01JUL09	02JUL09	44	3,942.40
3-2-3.06		Allow time for the back office to review the me	4	1	06JUL09	09JUL09	44	7,884.80
3-2-3.07		Mark nose shim locations	1	1	06JUL09	06JUL09	44	1,671.40
3-2-3.08		Define all outboard shim thicknesses	0	1	07JUL09	06JUL09	44	0.00
Pre-assemble LEFT and RIGHT MCHP								
3-2-4.01		Place alumina shims (4-8) onleft side type A	1	1	07JUL09	07JUL09	44	1,671.40
3-2-4.02		Temp lift right MCHP and move support cart	1	1	08JUL09	08JUL09	44	1,671.40
3-2-4.03		Position right MCHP over right support	1	1	09JUL09	09JUL09	44	3,342.80
3-2-4.04		Bring Air Loc wedgemeount leveler to take load	1	1	10JUL09	10JUL09	44	1,671.40
3-2-4.05		Measure the target monuments on left MCHP with	2	1	13JUL09	14JUL09	44	3,942.40
3-2-4.06		Install temporary scaffolding to install flange	1	1	13JUL09	13JUL09	45	3,342.80
3-2-4.07		Instl remaining alumina shims; instl nuts/studs	2	1	15JUL09	16JUL09	44	3,342.80
3-2-4.08		Make a hand "wiggle" test (rotate on bolt) on a	2	1	17JUL09	20JUL09	44	3,342.80
3-2-4.09		Tighten flange fasteners to 50%	1	1	21JUL09	21JUL09	44	1,671.40
3-2-4.10		measure the position of all monuments	1	1	22JUL09	22JUL09	44	1,971.20
3-2-4.11		Measure the shim puck height (at a number of po	2	1	23JUL09	24JUL09	44	7,285.20
3-2-4.111		Fit and tack weld flex shims in place	3	1	27JUL09	29JUL09	44	5,014.20
3-2-4.12		Unfasten all bolts, & roll right MCHP to right	2	1	30JUL09	31JUL09	44	3,342.80

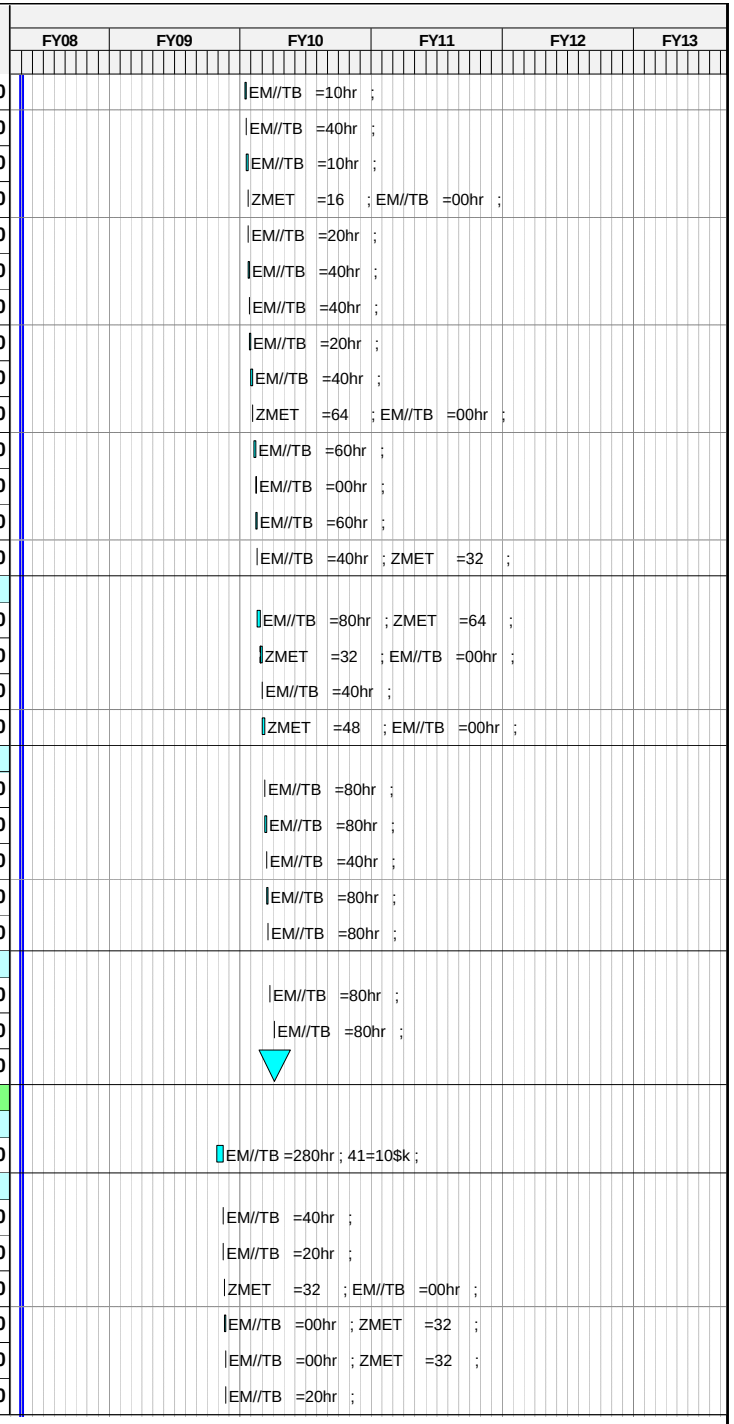


Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
3-2-4.121		lay left MCHP onto 60 degree wedge for welding	2	1	03AUG09	04AUG09	44	6,685.60
3-2-4.122		Measure the left MCHP fiducials	1	1	05AUG09	05AUG09	44	3,642.60
3-2-4.13		Recheck alignment & weld plasma side shims	2	1	06AUG09	07AUG09	44	7,285.20
3-2-4.14		After welding the left MCHP nose shims recheck	2	1	10AUG09	11AUG09	44	3,942.40
3-2-4.15		Time for back office assessment	2	1	12AUG09	13AUG09	44	3,942.40
3-2-4.151		Lift left MCHP & install on support stand	1	1	14AUG09	14AUG09	44	3,342.80
3-2-4.152		Lay right MCHP on 60 deg wedge for welding	1	1	17AUG09	17AUG09	44	3,342.80
3-2-4.16		Measure right MCHP fiducials establish ref	1	1	18AUG09	18AUG09	44	1,971.20
3-2-4.17		Weld right MCHP flex shims	2	1	19AUG09	20AUG09	44	7,285.20
3-2-4.18		After welding the right MCHP nose shims recheck	1	1	21AUG09	21AUG09	44	1,971.20
3-2-4.19		Time for back office assessment	2	1	24AUG09	25AUG09	44	3,942.40
RE-assemble LEFT and RIGHT MCHP								
3-2-5.01		Lift right MCHP and move support cart	2	1	26AUG09	27AUG09	44	6,685.60
3-2-5.02		Position right MCHP over right support	2	1	28AUG09	31AUG09	44	6,685.60
3-2-5.03		Bring Air Loc wedgemeount leveler to take load	1	1	01SEP09	01SEP09	44	1,671.40
3-2-5.04		Measure the target monuments on left MCHP with	2	1	02SEP09	03SEP09	44	3,942.40
3-2-5.05		Bond all inboard shim pucks to the right MCHP T	2	1	04SEP09	08SEP09	44	3,342.80
Install Laser Screen								
3-2-6.02		Place all laser screens	2	1	09SEP09	10SEP09	44	7,285.20
3-2-6.03		Turn each lasers on & measure each laser source	1	1	11SEP09	11SEP09	44	3,642.60
3-2-6.04		Print path on milar paper	0	1	14SEP09	11SEP09	44	0.00
3-2-6.05		Disengage the right MCHP & move to far right	1	1	14SEP09	14SEP09	44	1,671.40
3-2-6.06		Remove the left MCHP test laser path	2	1	15SEP09	16SEP09	44	21,469.60
3-2-6.07		Place left MCHP in temp location	0	1	17SEP09	16SEP09	44	0.00
Install Vacuum Vessel								
3-2-7.02		Install VV NBI port support stand.	2	1	17SEP09	18SEP09	44	3,342.80
3-2-7.03		Install VVSA to base support and make connection	1	1	21SEP09	21SEP09	44	1,671.40
3-2-7.04		take tooling ball readings and secure VVSA	2	1	22SEP09	23SEP09	44	3,342.80
3-2-7.05		Scan VV surface and compare data	3	1	24SEP09	28SEP09	44	5,913.60
Install RIGHT MCHP over VV								
3-2-8.01		Install any bumper protection components on the	1	1	29SEP09	29SEP09	44	835.70
3-2-8.03		Install MCHP lift fixture, disengage leveler	2	1	30SEP09	01OCT09	44	3,391.60
3-2-8.04		Re-install the right adjustor bar.	0	1	02OCT09	01OCT09	44	0.00
3-2-8.05		Move right MCHP over the VV	3	1	02OCT09	06OCT09	44	16,407.60
3-2-8.06		Position right MCHP over right support	2	1	07OCT09	08OCT09	44	6,880.80
3-2-8.07		Bring AirLoc Wedgemount leveler up to take load	1	1	09OCT09	09OCT09	44	1,720.20
3-2-8.08		Measure the target monuments on right MCHP with	1	1	12OCT09	12OCT09	44	2,028.80
3-2-8.09		move MCHP to right 1/2"	0	1	13OCT09	12OCT09	44	0.00
Install LEFT MCHP over VV								
3-2-9.02		Move left MCHP over VV to within 1/2"	3	1	13OCT09	15OCT09	44	16,407.60

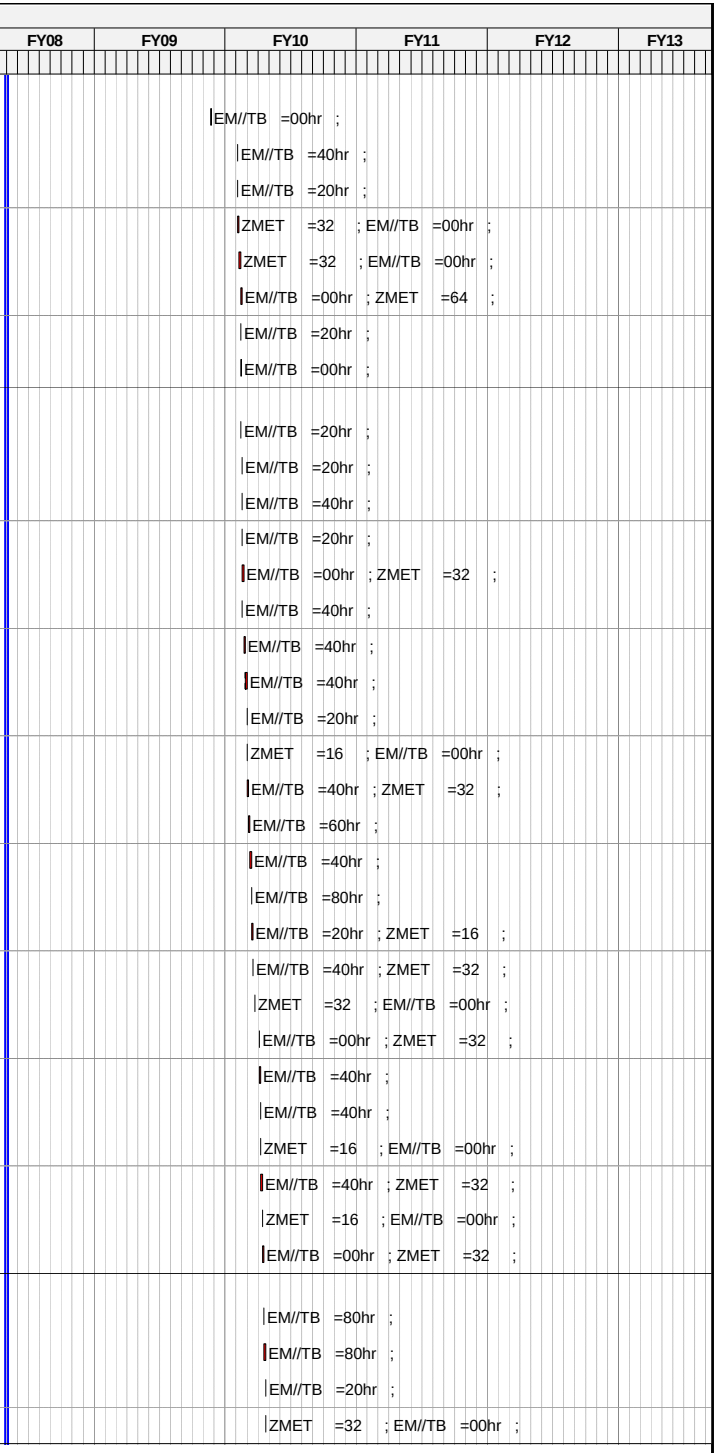
FY08 | FY09 | FY10 | FY11 | FY12 | FY13



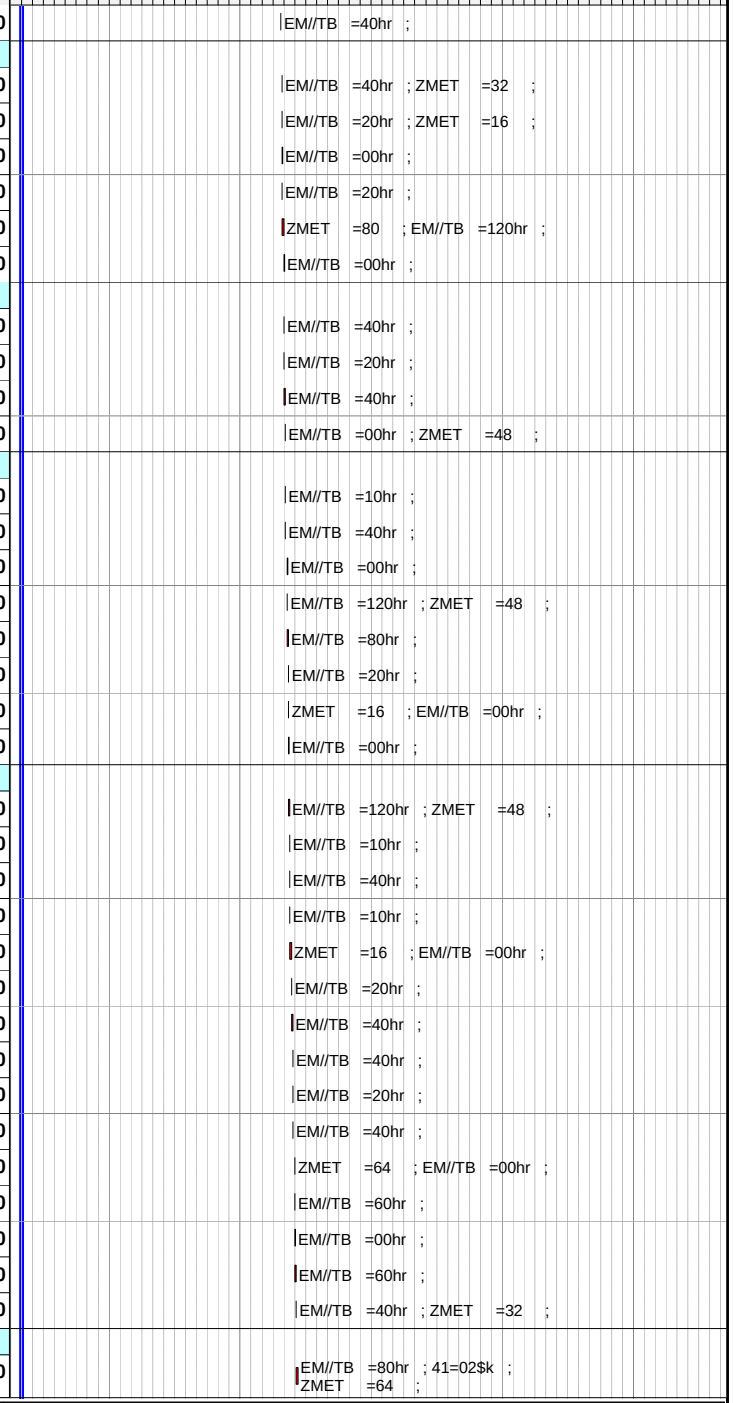
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
3-2-9.03		Using adjustor bar move right MCHP back	1	1	16OCT09	16OCT09	44	860.10
3-2-9.05		Position left MCHP over left support	1	1	19OCT09	19OCT09	44	3,440.40
3-2-9.06		Bring AirLoc Wedgemount leveler up to take load	1	1	20OCT09	20OCT09	44	860.10
3-2-9.061		Measure the target monuments on right MCHP	1	1	21OCT09	21OCT09	44	2,028.80
3-2-9.07		Remove laser screens to provide more flr space	1	1	22OCT09	22OCT09	44	1,720.20
3-2-9.08		Install temporary scaffolding to install flange	2	1	23OCT09	26OCT09	44	3,440.40
3-2-9.09		Install bolts and all outboard alumina shims.	2	1	27OCT09	28OCT09	44	3,440.40
3-2-9.1		Tighten flange fasteners to 50%	1	1	29OCT09	29OCT09	44	1,720.20
3-2-9.11		Make a hand "wiggle" test (rotate on bolt)	2	1	30OCT09	02NOV09	44	3,440.40
3-2-9.12		Perform metrology measurements of all alignment	4	1	03NOV09	06NOV09	44	8,115.20
3-2-9.13		Perform position adjustments on left side MCHP	3	1	09NOV09	11NOV09	44	5,160.60
3-2-9.14		Remove SISSCO actuator from left MCHP.	0	1	12NOV09	11NOV09	44	0.00
3-2-9.15		Machine and install bushings	3	1	12NOV09	16NOV09	44	5,160.60
3-2-9.16		Tighten nuts 100%. Re-verify adequate MCHP ali	2	1	17NOV09	18NOV09	44	7,498.00
Weld inboard shims & fill bushing gaps								
3-2-10.01		Weld inboard shims solenoid side	4	1	19NOV09	24NOV09	44	14,996.00
3-2-10.02		Measure the positions of all monuments	2	1	25NOV09	30NOV09	44	4,057.60
3-2-10.03		Fill all lose bushings with Stycast 2850FT	2	1	01DEC09	02DEC09	44	3,440.40
3-2-10.04		Measure the monuments on all coils.	3	1	03DEC09	07DEC09	44	6,086.40
VVSA attachment to MC's								
3-2-11.01		Attach permanent VV supports to Type A MC	2	1	08DEC09	09DEC09	44	6,880.80
3-2-11.02		Attach temp VV supports to Type B MC	2	1	10DEC09	11DEC09	44	6,880.80
3-2-11.03		Disconnect base support and transfer load to VV	1	1	14DEC09	14DEC09	44	3,440.40
3-2-11.04		Install VV lateral supports and align VVSA	2	1	15DEC09	16DEC09	44	6,880.80
3-2-11.05		Prepare VVSA for transport. Install blocking	2	1	17DEC09	18DEC09	44	6,880.80
Transfer to Station 5								
3-2-12.01		Instl rigging to MCWF transfer to support frame	2	1	21DEC09	22DEC09	44	6,880.80
3-2-12.02		Transfer to Station 5 located in NCSX TC	2	1	04JAN10	05JAN10	44	6,880.80
S32-10.02M	2	Complete 2nd MC-VV Assy (Sta 3)	0	1		05JAN10	44	0.00
Station 3-Assemble Mod Coils and VVSA-FP#3								
Misc Prep activities								
3-0-PLAT.3		Install station 3 platforms FP#3(8 required)	10	1	30JUL09	12AUG09	51	23,399.60
Pre-assemble LEFT MCHP								
3-3-2.01		Position left MCHP over left support	1	1	13AUG09	13AUG09	51	3,342.80
3-3-2.02		Secure left MCHP to vertical support posts	1	1	14AUG09	14AUG09	51	1,671.40
3-3-2.03		Measure all chosen monuments	2	1	17AUG09	18AUG09	51	3,942.40
3-3-2.04		Measure the Type-A and Type-C end flanges while	2	1	19AUG09	20AUG09	51	3,942.40
3-3-2.05		Allow time for the back office to review the me	2	1	21AUG09	24AUG09	51	3,942.40
3-3-2.06		Mark nose shim locations & pucks	1	1	21AUG09	21AUG09	51	1,671.40



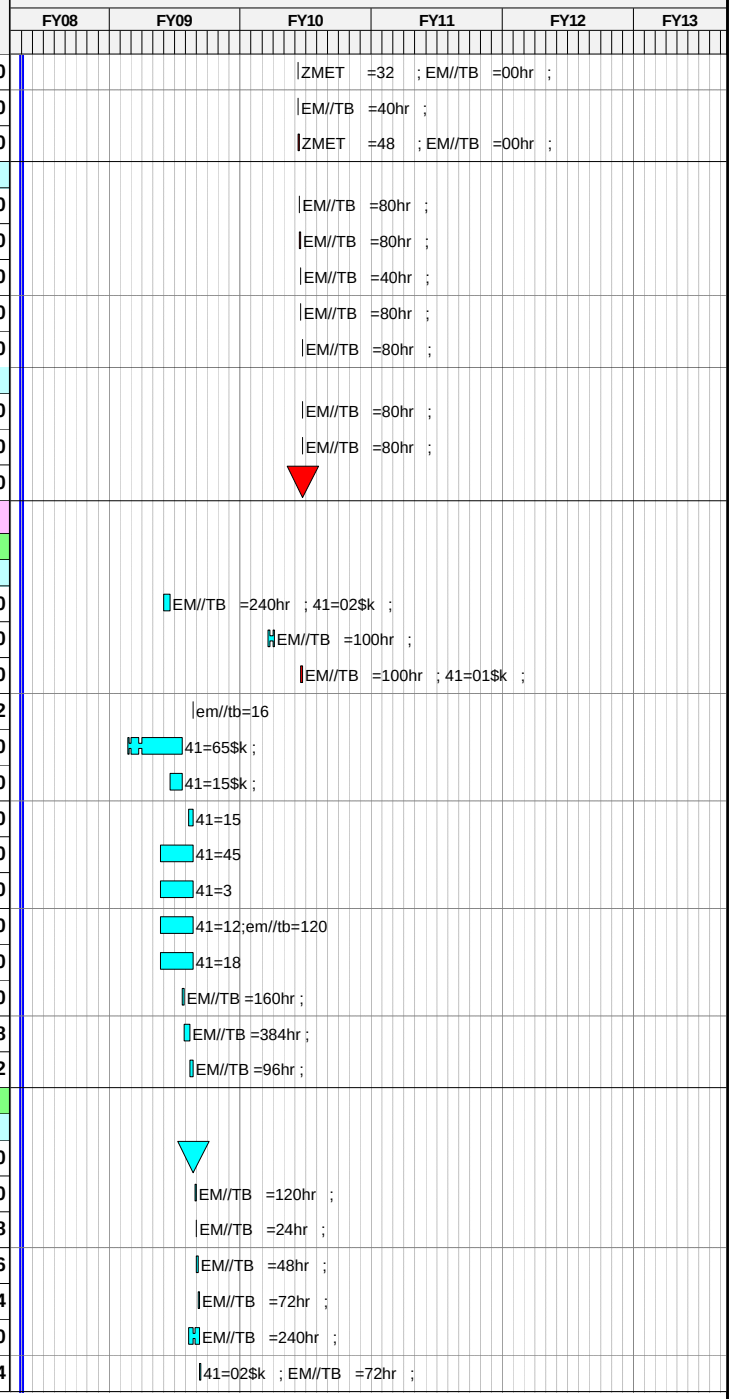
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
Pre-assemble RIGHT MCHP								
3-3-3.01		Move the right support cart in the far right lo	0	1	24AUG09	21AUG09	51	0.00
3-3-3.02		Position right MCHP over right support	1	1	04NOV09	04NOV09	0	3,440.40
3-3-3.03		Secure right MCHP to support base	1	1	05NOV09	05NOV09	0	1,720.20
3-3-3.04		Measure the target monuments on right MCHP with	2	1	06NOV09	09NOV09	0	4,057.60
3-3-3.05		Measure the Type-A and Type-C end flanges while	2	1	10NOV09	11NOV09	0	4,057.60
3-3-3.06		Allow time for the back office to review the me	4	1	12NOV09	17NOV09	0	8,115.20
3-3-3.07		Mark nose shim locations	1	1	12NOV09	12NOV09	0	1,720.20
3-3-3.08		Define all outboard shim thicknesses	0	1	13NOV09	12NOV09	0	0.00
Pre-assemble LEFT and RIGHT MCHP								
3-3-4.01		Place alumina shims (4-8) onleft side type A	1	1	13NOV09	13NOV09	0	1,720.20
3-3-4.02		Temp lift right MCHP and move support cart	1	1	16NOV09	16NOV09	0	1,720.20
3-3-4.03		Position right MCHP over right support	1	1	17NOV09	17NOV09	0	3,440.40
3-3-4.04		Bring Air Loc wedgemeount leveler to take load	1	1	18NOV09	18NOV09	0	1,720.20
3-3-4.05		Measure the target monuments on left MCHP with	2	1	19NOV09	20NOV09	0	4,057.60
3-3-4.06		Install temporary scaffolding to install flange	1	1	19NOV09	19NOV09	1	3,440.40
3-3-4.07		Instl remaining alumina shims; instl nuts/studs	2	1	23NOV09	24NOV09	0	3,440.40
3-3-4.08		Make a hand "wiggle" test (rotate on bolt) on a	2	1	25NOV09	30NOV09	0	3,440.40
3-3-4.09		Tighten flange fasteners to 50%	1	1	01DEC09	01DEC09	0	1,720.20
3-3-4.10		measure the position of all monuments	1	1	02DEC09	02DEC09	0	2,028.80
3-3-4.11		Measure the shim puck height (at a number of po	2	1	03DEC09	04DEC09	0	7,498.00
3-3-4.111		Fit and tack weld flex shims in place	3	1	07DEC09	09DEC09	0	5,160.60
3-3-4.12		Unfasten all bolts, & roll right MCHP to right	2	1	10DEC09	11DEC09	0	3,440.40
3-3-4.121		lay left MCHP onto 60 degree wedge for welding	2	1	14DEC09	15DEC09	0	6,880.80
3-3-4.122		Measure the left MCHP fiducials	1	1	16DEC09	16DEC09	0	3,749.00
3-3-4.13		Recheck alignment & weld plasma side shims	2	1	17DEC09	18DEC09	0	7,498.00
3-3-4.14		After welding the left MCHP nose shims recheck	2	1	21DEC09	22DEC09	0	4,057.60
3-3-4.15		Time for back office assessment	2	1	04JAN10	05JAN10	0	4,057.60
3-3-4.151		Lift left MCHP & install on support stand	1	1	06JAN10	06JAN10	0	3,440.40
3-3-4.152		Lay right MCHP on 60 deg wedge for welding	1	1	07JAN10	07JAN10	0	3,440.40
3-3-4.16		Measure right MCHP fiducials establish ref	1	1	08JAN10	08JAN10	0	2,028.80
3-3-4.17		Weld right MCHP flex shims	2	1	11JAN10	12JAN10	0	7,498.00
3-3-4.18		After welding the right MCHP nose shims recheck	1	1	13JAN10	13JAN10	0	2,028.80
3-3-4.19		Time for back office assessment	2	1	14JAN10	15JAN10	0	4,057.60
RE-assemble LEFT and RIGHT MCHP								
3-3-5.01		Lift right MCHP and move support cart	1	2	18JAN10	18JAN10	0	6,880.80
3-3-5.02		Position right MCHP over right support	1	2	19JAN10	19JAN10	0	6,880.80
3-3-5.03		Bring Air Loc wedgemeount leveler to take load	1	2	20JAN10	20JAN10	0	1,720.20
3-3-5.04		Measure the target monuments on left MCHP with	1	2	21JAN10	21JAN10	0	4,057.60



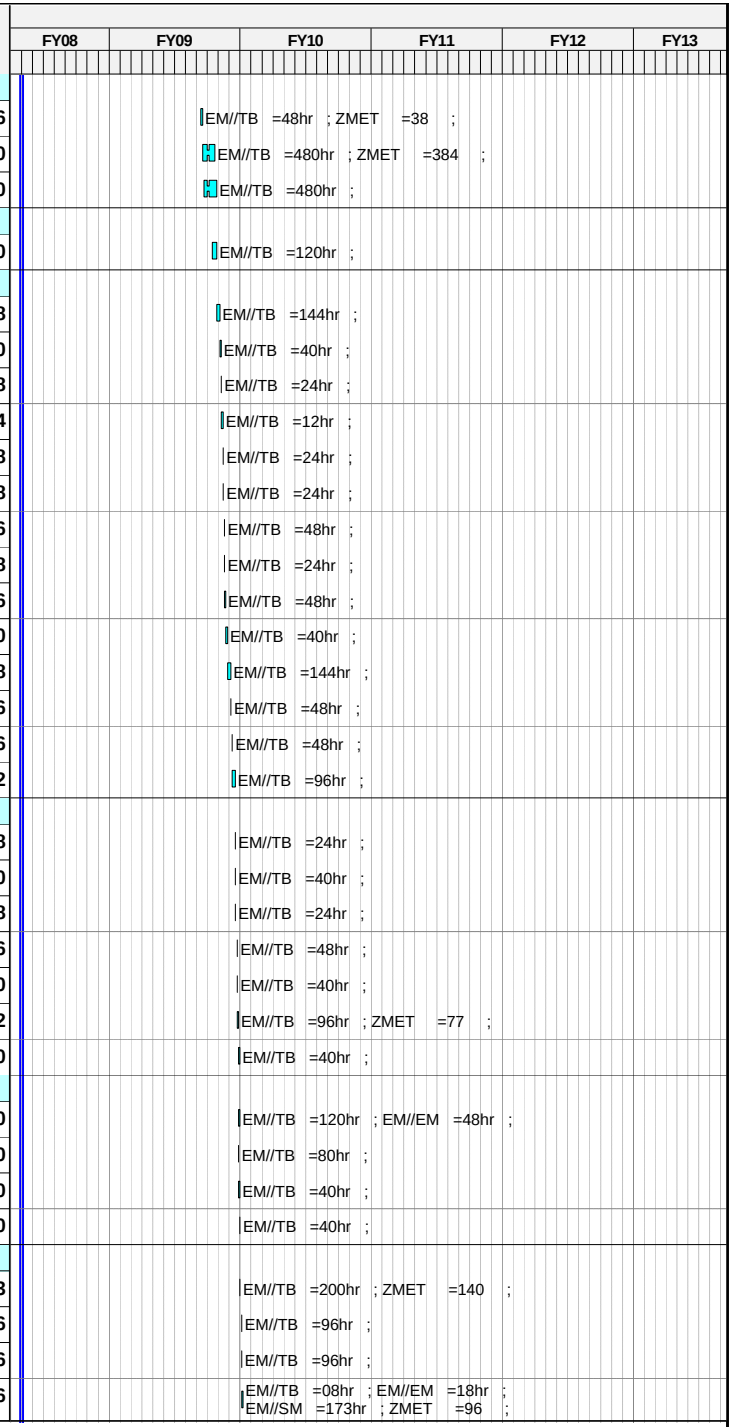
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
3-3-5.05		Bond all inboard shim pucks to the right MCHP T	1	2	22JAN10	22JAN10	0	3,440.40
Install Laser Screen								
3-3-6.02		Place all laser screens	1	2	25JAN10	25JAN10	0	7,498.00
3-3-6.03		Turn each lasers on & measure each laser source	1	2	26JAN10	26JAN10	0	3,749.00
3-3-6.04		Print path on milar paper	0	2	27JAN10	26JAN10	0	0.00
3-3-6.05		Disengage the right MCHP & move to far right	1	2	27JAN10	27JAN10	0	1,720.20
3-3-6.06		Remove the left MCHP test laser path	1	2	28JAN10	28JAN10	0	20,465.20
3-3-6.07		Place left MCHP in temp location	0	2	29JAN10	28JAN10	0	0.00
Install Vacuum Vessel								
3-3-7.02		Install VV NBI port support stand.	1	2	29JAN10	29JAN10	0	3,440.40
3-3-7.03		Install VVSA to base support and make connection	1	2	01FEB10	01FEB10	0	1,720.20
3-3-7.04		take tooling ball readings and secure VVSA	1	2	02FEB10	02FEB10	0	3,440.40
3-3-7.05		Scan VV surface and compare data	1	2	03FEB10	03FEB10	0	6,086.40
Install RIGHT MCHP over VV								
3-3-8.01		Install any bumper protection components on the	1	2	04FEB10	04FEB10	0	860.10
3-3-8.03		Install MCHP lift fixture, disengage leveler	1	2	05FEB10	05FEB10	0	3,440.40
3-3-8.04		Re-install the right adjustor bar.	0	2	08FEB10	05FEB10	0	0.00
3-3-8.05		Move right MCHP over the VV	2	2	08FEB10	09FEB10	0	16,407.60
3-3-8.06		Position right MCHP over right support	1	2	10FEB10	10FEB10	0	6,880.80
3-3-8.07		Bring AirLoc Wedgemount leveler up to take load	1	2	11FEB10	11FEB10	0	1,720.20
3-3-8.08		Measure the target monuments on right MCHP with	1	2	12FEB10	12FEB10	0	2,028.80
3-3-8.09		move MCHP to right 1/2"	0	2	15FEB10	12FEB10	0	0.00
Install LEFT MCHP over VV								
3-3-9.02		Move left MCHP over VV to within 1/2"	1	2	15FEB10	15FEB10	0	16,407.60
3-3-9.03		Using adjustor bar move right MCHP back	1	2	16FEB10	16FEB10	0	860.10
3-3-9.05		Position left MCHP over left support	1	2	17FEB10	17FEB10	0	3,440.40
3-3-9.06		Bring AirLoc Wedgemount leveler up to take load	1	2	18FEB10	18FEB10	0	860.10
3-3-9.061		Measure the target monuments on right MCHP	1	2	19FEB10	19FEB10	0	2,028.80
3-3-9.07		Remove laser screens to provide more flr space	1	2	22FEB10	22FEB10	0	1,720.20
3-3-9.08		Install temporary scaffolding to install flange	1	2	23FEB10	23FEB10	0	3,440.40
3-3-9.09		Install bolts and all outboard alumina shims.	1	2	24FEB10	24FEB10	0	3,440.40
3-3-9.1		Tighten flange fasteners to 50%	1	2	25FEB10	25FEB10	0	1,720.20
3-3-9.11		Make a hand "wiggle" test (rotate on bolt)	1	2	26FEB10	26FEB10	0	3,440.40
3-3-9.12		Perform metrology measurements of all alignment	2	2	01MAR10	02MAR10	0	8,115.20
3-3-9.13		Perform position adjustments on left side MCHP	1	2	03MAR10	03MAR10	0	5,160.60
3-3-9.14		Remove SISSCO actuator from left MCHP.	0	2	04MAR10	03MAR10	0	0.00
3-3-9.15		Machine and install bushings	1	2	04MAR10	04MAR10	0	5,160.60
3-3-9.16		Tighten nuts 100%. Re-verify adequate MCHP ali	1	2	05MAR10	05MAR10	0	7,498.00
Weld inboard shims & fill bushing gaps								
3-3-10.01		Weld inboard shims solenoid side	2	2	08MAR10	09MAR10	0	17,670.00



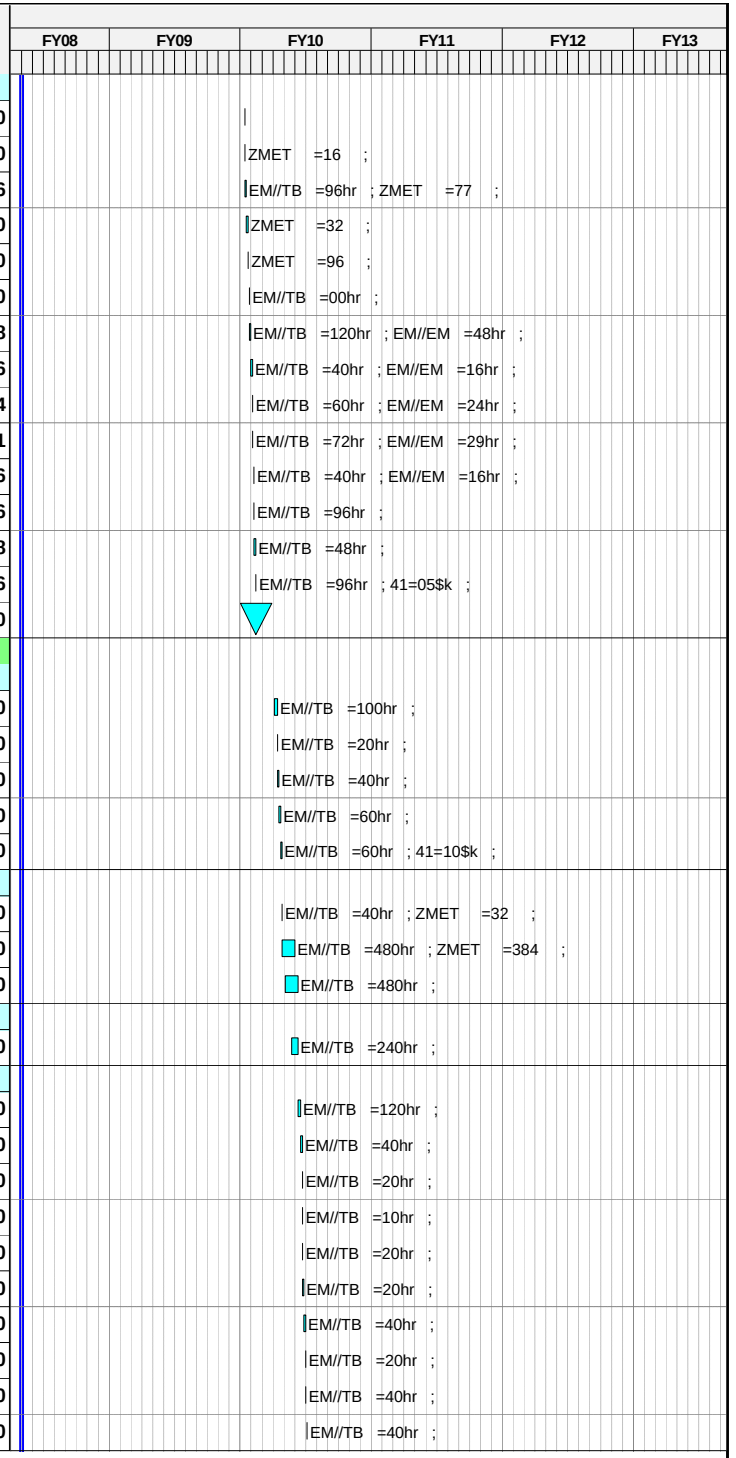
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
3-3-10.02		Measure the positions of all monuments	1	2	10MAR10	10MAR10	0	4,057.60
3-3-10.03		Fill all lose bushings with Stycast 2850FT	1	2	11MAR10	11MAR10	0	3,440.40
3-3-10.04		Measure the monuments on all coils.	2	2	12MAR10	15MAR10	0	6,086.40
VVSA attachment to MC's								
3-3-11.01		Attach permanent VV supports to Type A MC	1	2	16MAR10	16MAR10	0	6,880.80
3-3-11.02		Attach temp VV supports to Type B MC	1	2	17MAR10	17MAR10	0	6,880.80
3-3-11.03		Disconnect base support and transfer load to VV	1	2	18MAR10	18MAR10	0	3,440.40
3-3-11.04		Install VV lateral supports and align VVSA	1	2	19MAR10	19MAR10	0	6,880.80
3-3-11.05		Prepare VVSA for transport. Install blocking	1	2	22MAR10	22MAR10	0	6,880.80
Transfer to Station 5								
3-3-12.01		Instl rigging to MCWF transfer to support frame	1	2	23MAR10	23MAR10	0	6,880.80
3-3-12.02		Transfer to Station 5 located in NCSX TC	1	2	24MAR10	24MAR10	0	6,880.80
S33-10.02M	2	Complete 3rd MC-VV Assy (Sta 3)	0	2		24MAR10	0	0.00
Job: 1815 - Field Period Assy -Station 5-VIOLA								
Setup/Preparations/General								
5-1-1.01		Cut short dome port FPA #1	12	1	02MAR09	17MAR09	44	22,668.80
5-2-1.01		Cut short dome port FPA #2	5	1	18DEC09	05JAN10	44	8,601.00
5-3-1.01		Cut short dome port FPA #3	5	1	18MAR10	24MAR10	0	9,938.00
R1810-5100		Bolt on 2 port Extensions needed for Diag	1	1	22MAY09*	22MAY09	84	1,337.12
R1810-5101		MTM NCR hardware re-purchase	100	1	20NOV08*	21APR09	84	84,890.00
R1810-5112		Weld wire & welding supplies	25	1	18MAR09*	21APR09	84	2,612.00
R1810-5104		Misc for tooling	10	1	11MAY09*	22MAY09	84	19,590.00
R1810-5201		Procure 4 25ton chainfalls	65	1	23FEB09	22MAY09	84	58,770.00
R1810-5202		Load test heavy slings	65	1	23FEB09*	22MAY09	84	3,918.00
R1810-5203		Modify station 3 platforms for station 5	65	1	23FEB09*	22MAY09	84	25,700.40
R1810-5204		Portable platforms for station 5	65	1	23FEB09*	22MAY09	84	3,918.00
R1810-5106		Testout Sta 5 equipt & procedures	5	1	22APR09	28APR09	84	13,371.20
R1810-5107		Check 3 sled interfaces adjust holes	12	1	29APR09	14MAY09	84	32,090.88
R1810-5108		Fixtures installed-final metrology	6	1	15MAY09	22MAY09	84	8,022.72
Station 5- Final FP Assy -FP#1 (in NCSX TC)								
Pre-Installation setup								
R1810-5109		Begin Station 5 Operations	0	1		22MAY09	84	0.00
5-1-2.01		Install period support fixture	5	1	26MAY09	01JUN09	84	10,028.40
5-1-2.02		Temporarily position/support lower trim coils t	1	1	02JUN09	02JUN09	84	2,005.68
5-1-2.03		Install FPA on support stand. Use leveler pad	2	1	03JUN09	04JUN09	84	4,011.36
5-1-2.04		Install external working platforms	3	1	05JUN09	09JUN09	84	6,017.04
5-1-2.045		Fab internal VV working platforms	20	1	12MAY09	09JUN09	84	20,056.80
5-1-2.05		Install internal VV working platforms	3	1	10JUN09	12JUN09	84	8,629.04



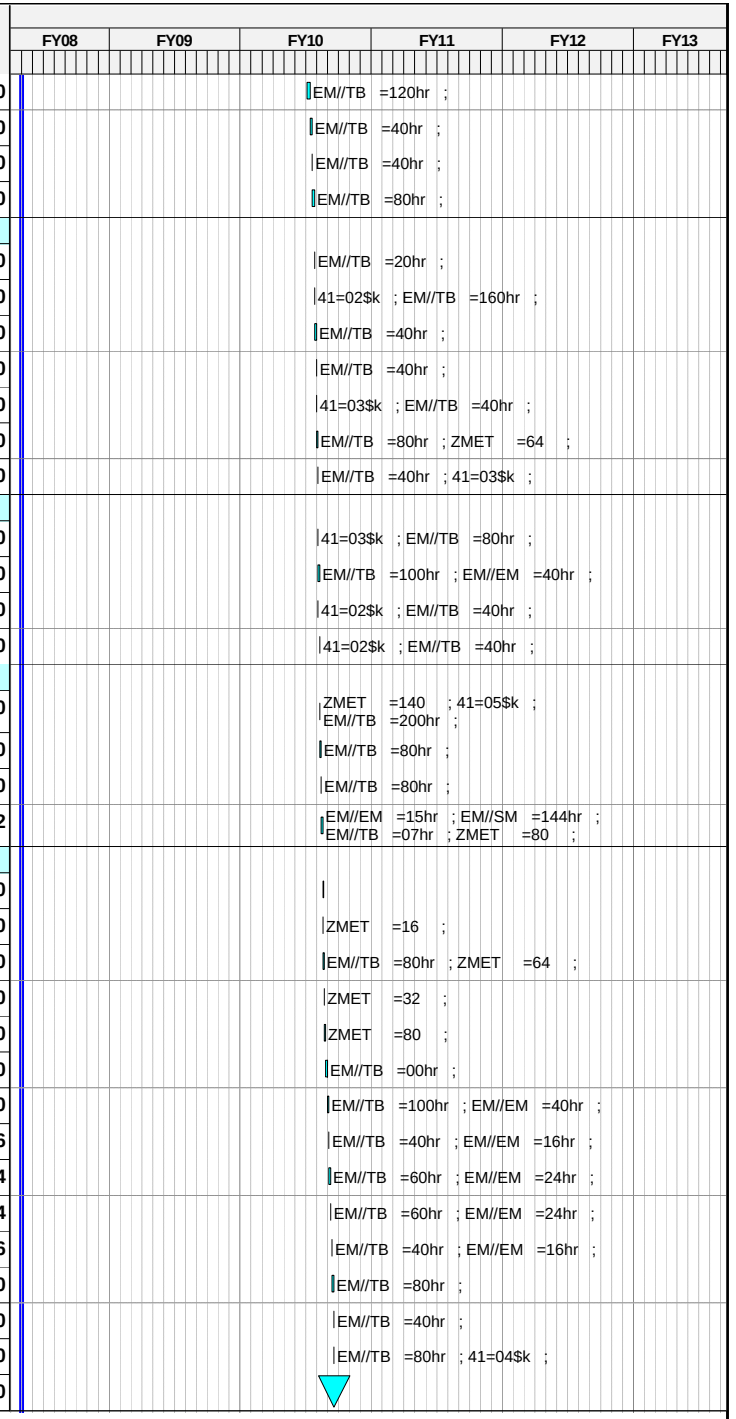
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
VV Port Installation								
5-1-3.01		Install the domes (left and right side), insert	2	1	15JUN09	16JUN09	84	8,692.96
5-1-3.02		Install small dome ports and remaining circular	24	1	17JUN09	21JUL09	84	87,422.40
5-1-3.03		Leak check each port immediately after it is we	24	1	24JUN09	28JUL09	84	40,113.60
Install Port Boots								
5-1-4.01		Install boots on all ports except for port 4's	12	1	14JUL09	29JUL09	84	10,028.40
TF Coils, structrues & port 12 trim coils								
5-1-5.01		Make MC N2 serv connections on MC run N2 lines	6	1	30JUL09	06AUG09	84	12,034.08
5-1-5.011		Run thermocouple and strain gage lines	2	1	07AUG09	10AUG09	84	3,342.80
5-1-5.02		Instll MC feet leveling struct	1	1	11AUG09	11AUG09	84	2,005.68
5-1-5.03		Install outward facing TF supports	1	1	12AUG09	12AUG09	84	1,002.84
5-1-5.04		Bolt in place Port 12 trim coil brackets	1	1	13AUG09	13AUG09	84	2,005.68
5-1-5.05		Bolt part of Port 12 trim coil suprts	1	1	14AUG09	14AUG09	84	2,005.68
5-1-5.06		Position two TF coils over the "C" MC.	2	1	17AUG09	18AUG09	84	4,011.36
5-1-5.07		Move TF coil over the right "A" MC.	1	1	19AUG09	19AUG09	84	2,005.68
5-1-5.08		Install the Type-A TF coil support brackets	2	1	20AUG09	21AUG09	84	4,011.36
5-1-5.09		Instl local MC lead stem right Type-B MC	2	1	24AUG09	25AUG09	84	3,342.80
5-1-5.1		Install TF coils left side of Period assembly	6	1	26AUG09	02SEP09	84	12,034.08
5-1-5.11		Install remaining TF/trim support brackets	2	1	03SEP09	04SEP09	84	4,011.36
5-1-5.12		Bolt port 4 trim coil to trim coil brackets	2	1	08SEP09	09SEP09	84	4,011.36
5-1-5.13		Bolt port 4 trim coil to trim coil brackets	4	1	10SEP09	15SEP09	84	8,022.72
Slanted trim coils & support structure								
5-1-6.01		position 4 slanted trim coils behind TF coils	1	2	16SEP09	16SEP09	84	2,005.68
5-1-6.02		Install the magnet systems support structure	1	2	17SEP09	17SEP09	84	3,342.80
5-1-6.03		Attach channel struct on magnet struct	1	2	18SEP09	18SEP09	84	2,005.68
5-1-6.04		Attach additional support structure struts	1	2	21SEP09	21SEP09	84	4,011.36
5-1-6.05		MC leads will be supported off magnet struct	1	2	22SEP09	22SEP09	84	3,342.80
5-1-6.06		Metrology measurements of each trim coil	2	2	23SEP09	24SEP09	84	17,509.12
5-1-6.07		Install I&C into junction boxes design TBD	2	1	25SEP09	28SEP09	116	3,342.80
MC coolant connections & services runs								
5-1-11.08		Check manifolds (pressure, flow, etc.	3	2	28SEP09	30SEP09	113	17,840.40
5-1-7.01		Install top and bottom MC coolant headers. .	1	2	25SEP09	25SEP09	84	6,685.60
5-1-7.02		Bring MC strain gage & TC lines through	1	2	28SEP09	28SEP09	84	3,342.80
5-1-7.03		Grounding connections	1	2	29SEP09	29SEP09	84	3,342.80
TF fitup, Port 4's & diagnostics								
5-1-8.01		Perform a fit-up check of the four TF coils	3	2	30SEP09	02OCT09	84	34,623.33
5-1-9.01		Tack weld the left and right port 4's.	1	2	05OCT09	05OCT09	84	8,256.96
5-1-9.02		Install boots on both port 4's.	1	2	06OCT09	06OCT09	84	8,256.96
5-1-10.01		Install Rogowski coils on end of VV left side	3	2	07OCT09	09OCT09	84	40,459.36



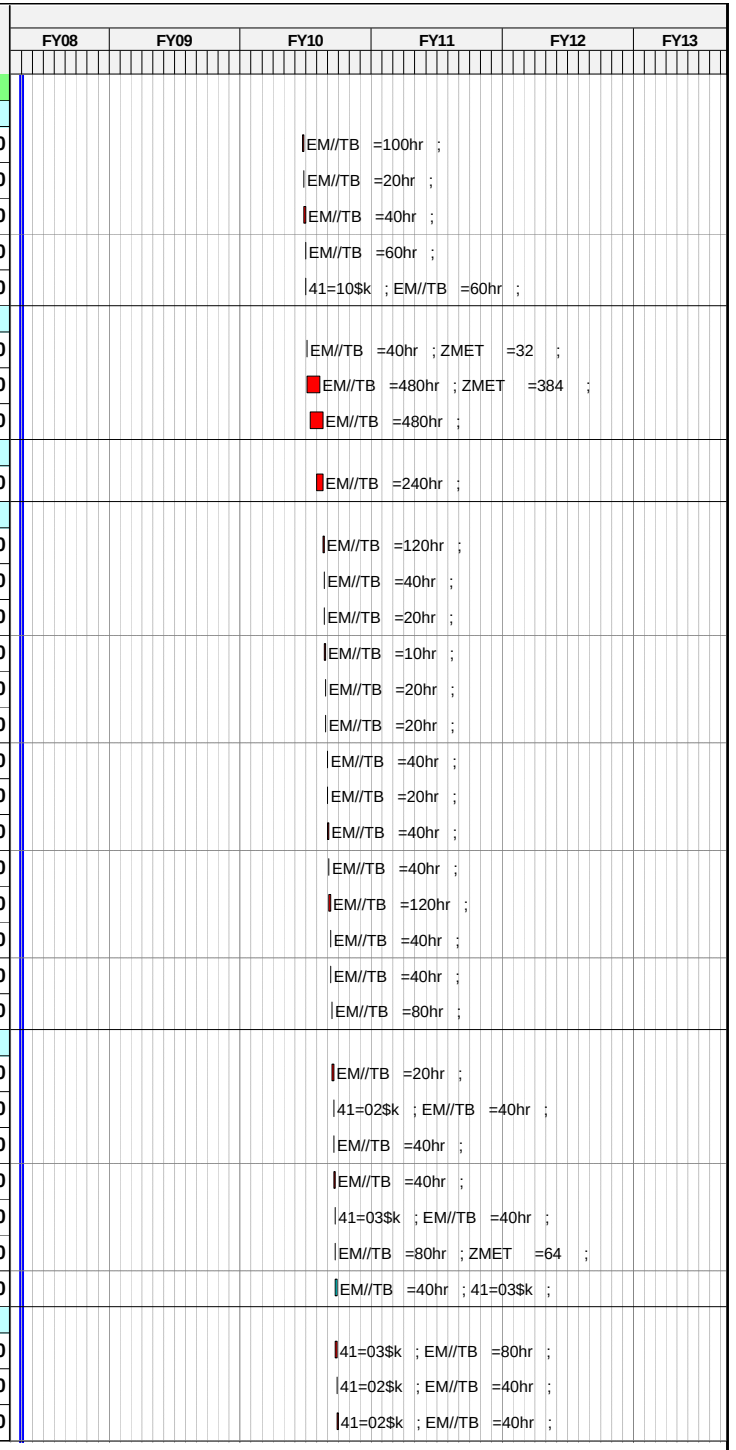
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
PF Struct, Final measurement & Transfer								
5-1-11.00		Obtain Period 1 alignment fiducial positions	3	2	12OCT09	14OCT09	84	0.00
5-1-11.01		Align to tooling balls on each MCHP	1	2	15OCT09	15OCT09	84	2,028.80
5-1-11.02		Adjust VV supports to secure VV in place.	2	2	16OCT09	19OCT09	84	18,020.56
5-1-11.03		Install 3 primary fiducials for positioning	1	2	20OCT09	20OCT09	84	4,057.60
5-1-11.04		Make a final measurement of all fiducials	3	2	21OCT09	23OCT09	84	12,172.80
5-1-11.05		Acceptance test and Back Office approve data	2	2	26OCT09	27OCT09	84	0.00
5-1-11.06		Check Assembly (bolts, etc)	3	2	28OCT09	30OCT09	84	18,361.68
5-1-11.07		Check Diagnostics (loops, thermocouples)	1	2	02NOV09	02NOV09	84	6,120.56
5-1-11.09		Check 6 modular coils (voltage etc)	2	2	03NOV09	04NOV09	84	9,180.84
5-1-11.1		Check trim coils (voltage etc	2	2	05NOV09	06NOV09	84	11,050.51
5-1-11.11		Check TF coils (voltage etc	1	2	09NOV09	09NOV09	84	6,120.56
5-1-12.01		Install crane rigging	1	2	10NOV09	10NOV09	84	8,256.96
5-1-12.02		Remove platforms	1	2	11NOV09	11NOV09	84	4,128.48
5-1-12.03		Weigh&transfer FPA to Station 6 in NCSX tc.	1	2	12NOV09	12NOV09	84	14,674.56
S51-14.03M	2	Complete 1st Field Period Assy (Sat. 5)	0	2		12NOV09	84	0.00
Station 5- Final FP Assy -FP#2 (in NCSX TC)								
Pre-Installation setup								
5-2-2.01		Install period support fixture	5	1	06JAN10	12JAN10	44	8,601.00
5-2-2.02		Temporarily position/support lower trim coils t	1	1	13JAN10	13JAN10	44	1,720.20
5-2-2.03		Install FPA on support stand. Use leveler pad	2	1	14JAN10	15JAN10	44	3,440.40
5-2-2.04		Install external working platforms	3	1	18JAN10	20JAN10	44	5,160.60
5-2-2.05		Install internal VV working platforms	3	1	21JAN10	25JAN10	44	18,530.60
VV Port Installation								
5-2-3.01		Install the domes (left and right side), insert	2	1	26JAN10	27JAN10	44	7,498.00
5-2-3.02		Install small dome ports and remaining circular	24	1	28JAN10	02MAR10	44	89,976.00
5-2-3.03		Leak check each port immediately after it is we	24	1	04FEB10	09MAR10	44	41,284.80
Install Port Boots								
5-2-4.01		Install boots on all ports except for port 4's	12	1	23FEB10	10MAR10	44	20,642.40
TF Coils, structrues & port 12 trim coils								
5-2-5.01		Make MC N2 serv connections on MC run N2 lines	6	1	11MAR10	18MAR10	44	10,321.20
5-2-5.011		Run thermocouple and strain gage lines	2	1	19MAR10	22MAR10	44	3,440.40
5-2-5.02		Instll MC feet leveling struct	1	1	23MAR10	23MAR10	44	1,720.20
5-2-5.03		Install outward facing TF supports	1	1	24MAR10	24MAR10	44	860.10
5-2-5.04		Bolt in place Port 12 trim coil brackets	1	1	25MAR10	25MAR10	44	1,720.20
5-2-5.05		Bolt part of Port 12 trim coil suprts	1	1	26MAR10	26MAR10	44	1,720.20
5-2-5.06		Position two TF coils over the "C" MC.	2	1	29MAR10	30MAR10	44	3,440.40
5-2-5.07		Move TF coil over the right "A" MC.	1	1	31MAR10	31MAR10	44	1,720.20
5-2-5.08		Install the Type-A TF coil support brackets	2	1	01APR10	02APR10	44	3,440.40
5-2-5.09		Instl local MC lead stem right Type-B MC	2	1	05APR10	06APR10	44	3,440.40



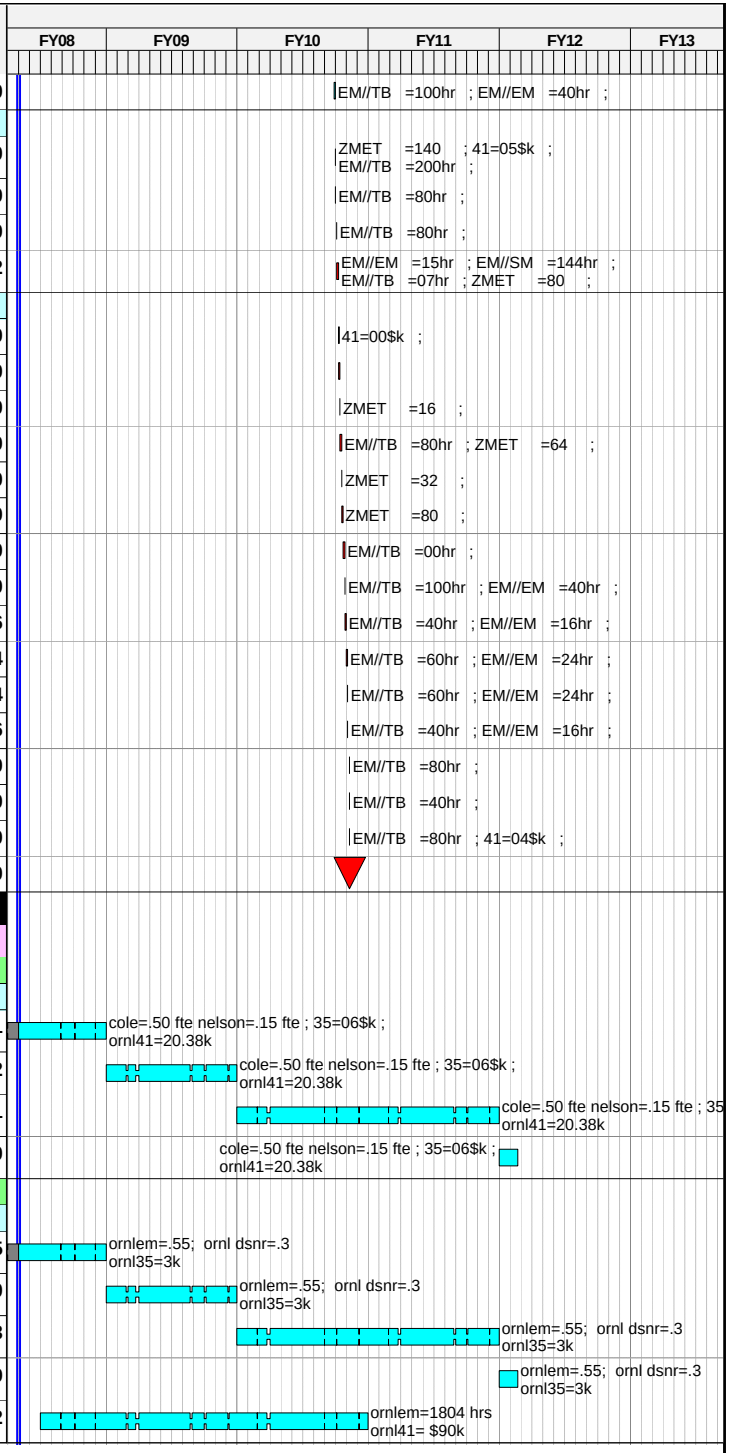
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
5-2-5.1		Install TF coils left side of Period assembly	6	1	07APR10	14APR10	44	10,321.20
5-2-5.11		Install remaining TF/trim support brackets	2	1	15APR10	16APR10	44	3,440.40
5-2-5.12		Bolt port 4 trim coil to trim coil brackets	2	1	19APR10	20APR10	44	3,440.40
5-2-5.13		Bolt port 4 trim coil to trim coil brackets	4	1	21APR10	26APR10	44	6,880.80
Slanted trim coils & support structure								
5-2-6.01		position 4 slanted trim coils behind TF coils	1	2	27APR10	27APR10	44	1,720.20
5-2-6.02		Install the magnet systems support structure	1	2	28APR10	28APR10	44	16,435.60
5-2-6.03		Attach channel struct on magnet struct	1	2	29APR10	29APR10	44	3,440.40
5-2-6.04		Attach additional support structure struts	1	2	30APR10	30APR10	44	3,440.40
5-2-6.05		MC leads will be supported off magnet struct	1	2	03MAY10	03MAY10	44	7,451.40
5-2-6.06		Metrology measurements of each trim coil	2	2	04MAY10	05MAY10	44	14,996.00
5-2-6.07		Install I&C into junction boxes design TBD	2	1	06MAY10	07MAY10	71	7,451.40
MC coolant connections & services runs								
5-2-7.01		Install top and bottom MC coolant headers. .	1	2	06MAY10	06MAY10	44	10,891.80
5-2-11.08		Check manifolds (pressure, flow, etc.	3	2	07MAY10	11MAY10	69	15,301.40
5-2-7.02		Bring MC strain gage & TC lines through	1	2	07MAY10	07MAY10	44	6,114.40
5-2-7.03		Grounding connections	1	2	10MAY10	10MAY10	44	6,114.40
TF fitup, Port 4's & diagnostics								
5-2-8.01		Perform a fit-up check of the four TF coils	2	2	11MAY10	12MAY10	44	41,639.00
5-2-9.01		Tack weld the left and right port 4's.	1	2	13MAY10	13MAY10	44	6,880.80
5-2-9.02		Install boots on both port 4's.	1	2	14MAY10	14MAY10	44	6,880.80
5-2-10.01		Install Rogowski coils on end of VV left side	3	2	17MAY10	19MAY10	44	33,721.12
PF Struct, Final measurement & Transfer								
5-2-11.00		Obtain Period 1 alignment fiducial positions	0	2	20MAY10	19MAY10	44	0.00
5-2-11.01		Align to tooling balls on each MCHP	1	2	20MAY10	20MAY10	44	2,028.80
5-2-11.02		Adjust VV supports to secure VV in place.	2	2	21MAY10	24MAY10	44	14,996.00
5-2-11.03		Install 3 primary fiducials for positioning	1	2	25MAY10	25MAY10	44	4,057.60
5-2-11.04		Make a final measurement of all fiducials	2	2	26MAY10	27MAY10	44	10,144.00
5-2-11.05		Acceptance test and Back Office approve data	2	2	28MAY10	01JUN10	44	0.00
5-2-11.06		Check Assembly (bolts, etc)	3	2	02JUN10	04JUN10	44	15,301.40
5-2-11.07		Check Diagnostics (loops, thermocouples)	1	2	07JUN10	07JUN10	44	6,120.56
5-2-11.09		Check 6 modular coils (voltage etc)	2	2	08JUN10	09JUN10	44	9,180.84
5-2-11.1		Check trim coils (voltage etc	2	2	10JUN10	11JUN10	44	9,180.84
5-2-11.11		Check TF coils (voltage etc	2	2	14JUN10	15JUN10	44	6,120.56
5-2-12.01		Install crane rigging	1	2	16JUN10	16JUN10	44	6,880.80
5-2-12.02		Remove platforms	1	2	17JUN10	17JUN10	44	3,440.40
5-2-12.03		Weigh&transfer FPA to Station 6 in NCSX tc.	1	2	18JUN10	18JUN10	44	12,228.80
S52-14.03M	2	Complete 2nd Field Period Assy. (Sta.5)	0	2		18JUN10	44	0.00



Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
Station 5- Final FP Assy -FP#3 (in NCSX TC)								
Pre-Installation setup								
5-3-2.01		Install period support fixture	2	2	25MAR10	26MAR10	0	8,601.00
5-3-2.02		Temporarily position/support lower trim coils t	1	2	29MAR10	29MAR10	0	1,720.20
5-3-2.03		Install FPA on support stand. Use leveler pad	1	2	30MAR10	30MAR10	0	3,440.40
5-3-2.04		Install external working platforms	2	2	31MAR10	01APR10	0	5,160.60
5-3-2.05		Install internal VV working platforms	1	2	02APR10	02APR10	0	18,530.60
VV Port Installation								
5-3-3.01		Install the domes (left and right side), insert	2	1	05APR10	06APR10	0	7,498.00
5-3-3.02		Install small dome ports and remaining circular	24	1	07APR10	10MAY10	0	89,976.00
5-3-3.03		Leak check each port immediately after it is we	24	1	14APR10	17MAY10	0	41,284.80
Install Port Boots								
5-3-4.01		Install boots on all ports except for port 4's	12	1	03MAY10	18MAY10	0	20,642.40
TF Coils, structrues & port 12 trim coils								
5-3-5.01		Make MC N2 serv connections on MC run N2 lines	3	2	19MAY10	21MAY10	0	10,321.20
5-3-5.011		Run thermocouple and strain gage lines	1	2	24MAY10	24MAY10	0	3,440.40
5-3-5.02		Instll MC feet leveling struct	1	2	25MAY10	25MAY10	0	1,720.20
5-3-5.03		Install outward facing TF supports	1	2	26MAY10	26MAY10	0	860.10
5-3-5.04		Bolt in place Port 12 trim coil brackets	1	2	27MAY10	27MAY10	0	1,720.20
5-3-5.05		Bolt part of Port 12 trim coil suprts	1	2	28MAY10	28MAY10	0	1,720.20
5-3-5.06		Position two TF coils over the "C" MC.	1	2	01JUN10	01JUN10	0	3,440.40
5-3-5.07		Move TF coil over the right "A" MC.	1	2	02JUN10	02JUN10	0	1,720.20
5-3-5.08		Install the Type-A TF coil support brackets	1	2	03JUN10	03JUN10	0	3,440.40
5-3-5.09		Instl local MC lead stem right Type-B MC	1	2	04JUN10	04JUN10	0	3,440.40
5-3-5.1		Install TF coils left side of Period assembly	3	2	07JUN10	09JUN10	0	10,321.20
5-3-5.11		Install remaining TF/trim support brackets	1	2	10JUN10	10JUN10	0	3,440.40
5-3-5.12		Bolt port 4 trim coil to trim coil brackets	1	2	11JUN10	11JUN10	0	3,440.40
5-3-5.13		Bolt port 4 trim coil to trim coil brackets	2	2	14JUN10	15JUN10	0	6,880.80
Slanted trim coils & support structure								
5-3-6.01		position 4 slanted trim coils behind TF coils	1	2	16JUN10	16JUN10	0	1,720.20
5-3-6.02		Install the magnet systems support structure	1	2	17JUN10	17JUN10	0	6,114.40
5-3-6.03		Attach channel struct on magnet struct	1	2	18JUN10	18JUN10	0	3,440.40
5-3-6.04		Attach additional support structure struts	1	2	21JUN10	21JUN10	0	3,440.40
5-3-6.05		MC leads will be supported off magnet struct	1	2	22JUN10	22JUN10	0	7,451.40
5-3-6.06		Metrology measurements of each trim coil	2	2	23JUN10	24JUN10	0	14,996.00
5-3-6.07		Install I&C into junction boxes design TBD	2	1	25JUN10	28JUN10	29	7,451.40
MC coolant connections & services runs								
5-3-7.01		Install top and bottom MC coolant headers. .	1	2	25JUN10	25JUN10	0	10,891.80
5-3-7.02		Bring MC strain gage & TC lines through	1	2	28JUN10	28JUN10	0	6,114.40
5-3-7.03		Grounding connections	1	2	29JUN10	29JUN10	0	6,114.40

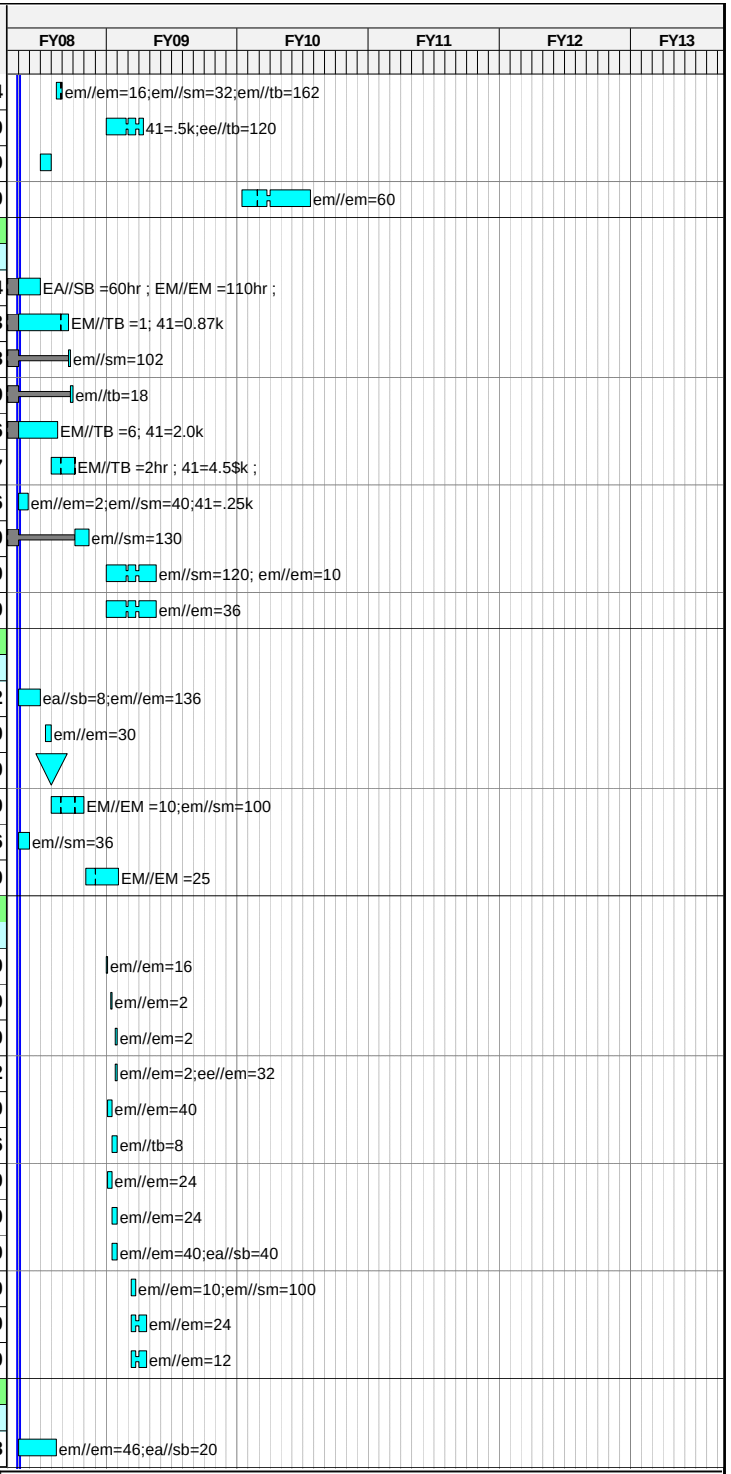


Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
5-3-11.08		Check manifolds (pressure, flow, etc.	3	2	28JUN10	30JUN10	27	15,301.40
TF fitup, Port 4's & diagnostics								
5-3-8.01		Perform a fit-up check of the four TF coils	2	2	30JUN10	01JUL10	0	41,639.00
5-3-9.01		Tack weld the left and right port 4's.	1	2	02JUL10	02JUL10	0	6,880.80
5-3-9.02		Install boots on both port 4's.	1	2	06JUL10	06JUL10	0	6,880.80
5-3-10.01		Install Rogowski coils on end of VV left side	3	2	07JUL10	09JUL10	0	33,721.12
PF Struct, Final measurement & Transfer								
5-3-11.000		Install PF support structure (WBS 7)	0	2	12JUL10	09JUL10	0	0.00
5-3-11.00		Obtain Period 1 alignment fiducial positions	3	2	12JUL10	14JUL10	0	0.00
5-3-11.01		Align to tooling balls on each MCHP	1	2	15JUL10	15JUL10	0	2,028.80
5-3-11.02		Adjust VV supports to secure VV in place.	2	2	16JUL10	19JUL10	0	14,996.00
5-3-11.03		Install 3 primary fiducials for positioning	1	2	20JUL10	20JUL10	0	4,057.60
5-3-11.04		Make a final measurement of all fiducials	2	2	21JUL10	22JUL10	0	10,144.00
5-3-11.05		Acceptance test and Back Office approve data	2	2	23JUL10	26JUL10	0	0.00
5-3-11.06		Check Assembly (bolts, etc)	3	2	27JUL10	29JUL10	0	15,301.40
5-3-11.07		Check Diagnostics (loops, thermocouples)	1	2	30JUL10	30JUL10	0	6,120.56
5-3-11.09		Check 6 modular coils (voltage etc)	2	2	02AUG10	03AUG10	0	9,180.84
5-3-11.1		Check trim coils (voltage etc	2	2	04AUG10	05AUG10	0	9,180.84
5-3-11.11		Check TF coils (voltage etc	1	2	06AUG10	06AUG10	0	6,120.56
5-3-12.01		Install crane rigging	1	2	09AUG10	09AUG10	0	6,880.80
5-3-12.02		Remove platforms	1	2	10AUG10	10AUG10	0	3,440.40
5-3-12.03		Weigh&transfer FPA to Station 6 in NCSX tc.	1	2	11AUG10	11AUG10	0	12,228.80
R1810-5333		Last field period assembled	0	2		11AUG10	0	0.00
19 - Stellarator Core Management and Integration								
Job: 1901 - Stellarator Core Mngtt&Integr-COLE								
191 - Stellarator Core Management & Oversight								
1901-08		WBS 191 FY08 LOE	249*	1	01OCT07A	29SEP08	1,522	147,785.61
1901-09		WBS 191 FY09 LOE	247*	1	01OCT08*	28SEP09	1,274	240,493.62
1901-10		WBS 191 FY10	498*	1	01OCT09*	30SEP11	737	510,981.21
1901-11		WBS 191 FY12	37*	1	03OCT11*	22NOV11	737	40,305.00
192 - Stellarator Core Integr & Global Analysis								
1902-08		WBS 192 FY08	249*	1	01OCT07A	29SEP08	1,522	155,004.85
1902-09		WBS 192 FY09	247*	1	01OCT08*	28SEP09	1,274	236,839.50
1902-10		WBS 192 FY10	498*	1	01OCT09*	30SEP11	774	505,262.03
1902-11		WBS 192 FY10	37*	1	03OCT11*	22NOV11	737	40,196.49
RISKMIT		Risk mitigation tasks	625*	1	01APR08*	30SEP10	1,024	380,109.82

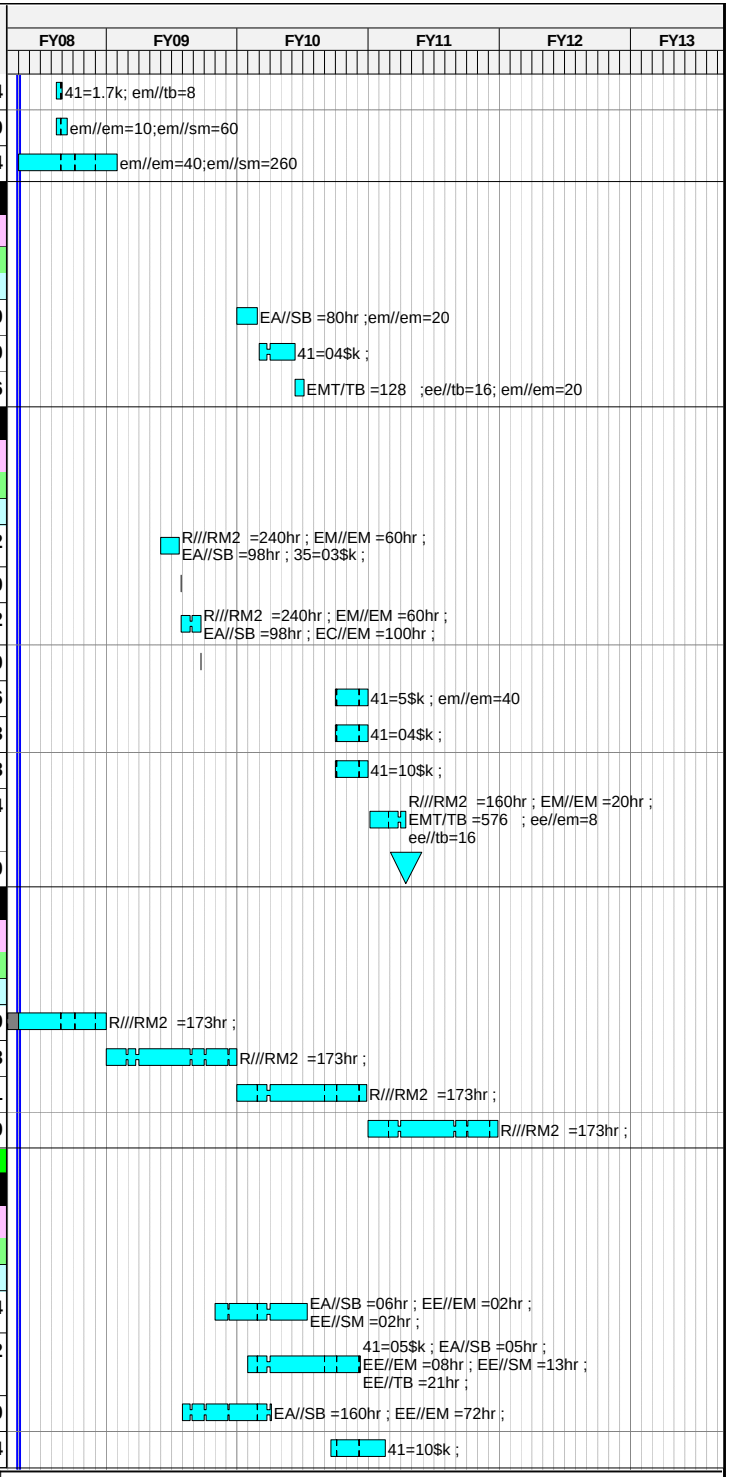


Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
2 - Plasma Heating, Fueling & Vac Systems								
21 - Fueling Systems								
Job: 2101 - Fueling Systems-BLANCHARD								
211-101		Preliminary Design	42		03MAR09*	29APR09	318	40,631.36
211-105		PDR Fueling Systems	0			29APR09	318	0.00
211-109		Final Design	42		30APR09	29JUN09	318	120,756.40
211-113		FDR Fueling Systems	0			29JUN09	318	0.00
211-117		Title III	431		30JUN09	25MAR11	906	6,764.55
211-121		Procure Material and Supplies	65		01OCT09*	13JAN10	253	50,806.00
211-125		Fabricate and Assemble	115		01OCT10*	22MAR11	70	97,654.80
211-126		Test	5		23MAR11	29MAR11	70	21,609.20
22 - Torus Vacuum Pumping Systems								
Job: 2201 - Vacuum Pumping Systems-BLANCHARD								
220-101		Preliminary Design	83		01OCT08*	05FEB09	361	126,871.80
220-105		PDR VPS	1		06FEB09	06FEB09	361	0.00
220-109		Final Design	80		09FEB09	01JUN09	361	147,786.60
220-113		FDR VPS	1		02JUN09	02JUN09	361	0.00
220-117		Procure PLC,Values,Hardware	87		01OCT09*	12FEB10	277	157,766.00
220-133		Fabrication and Assemble	154		01SEP10*	15APR11	50	205,043.31
220-137		Test VPS Hardware	3		05JUL11	07JUL11	1	21,609.20
220-116		Title III	463		03JUN09	13APR11	893	20,285.49
3 - Diagnostics								
31 - Magnetic Diagnostics								
Job: 3101 - Magnetic Diagnostics-STRATTON								
Modular Coil C-wound Loops								
3101-230		Check elect characteristics of T/C & htr tape	190		31JAN08	27OCT08	1,502	17,293.29
Rogowski Coils								
3101-350		Winding mandrel work station	20*		31JAN08A	27FEB08	475	9,877.20
3101-352		Assy & detail dgws	46		31JAN08	03APR08	431	25,761.60
3101-353		Prep installation procedure	31		04APR08	16MAY08	431	6,151.20
3101-354		Purchase materials	62		31JAN08	25APR08	446	21,917.22
3101-370		Check elect characteristics of cables	503*		16APR08*	23APR10	1,135	9,863.45
3101-351		Wind coils	13*		31MAR08*	16APR08	453	29,167.60
3101-355		Temp cable trays	65		01OCT08*	12JAN09	272	12,429.20
3101-356		Dsn,purchase,install rack	65		01OCT08*	12JAN09	272	24,813.24

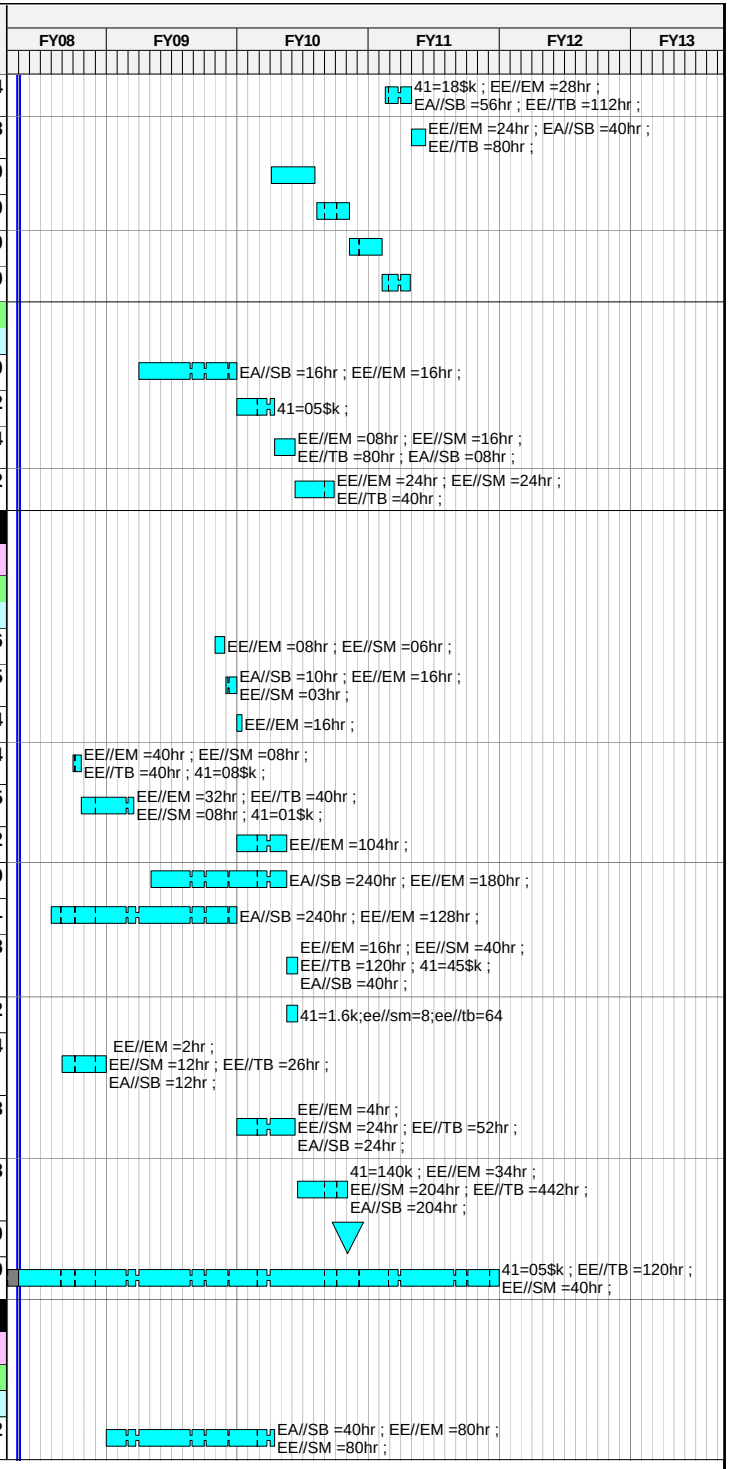
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
3101-357		Fab coil clamps & ends	12*		15MAY08*	02JUN08	421	19,428.34
3101-358		Prep chassis & timing module	65		01OCT08*	12JAN09	272	10,031.00
3101-359		Install Rogowski coils (budgeted in job 1815)	21*		02APR08*	30APR08	542	0.00
3101-360		Title III support	130		12OCT09	23APR10	1,135	10,050.60
TF and PF Co-wound Loops								
3101-425		Design Protective boxes for PF	100*		01NOV07A	01APR08	1,558	3,558.24
3101-426		Purchase SS Sheet	10		12NOV07A	18JUN08	320	226.93
3101-452		Form Protective boxes	10		12NOV07A	23JUN08	320	2,661.38
3101-454		Weld end plates of PF protective boxes	10		09NOV07A	30JUN08	320	284.29
3101-427		Purchase Heat Shrink tubing	15		12NOV07A	19MAY08	1,495	591.56
3101-428		Purchase add'l CoAxial cable	46		01MAY08*	07JUL08	316	2,873.47
3101-457		Rebuild connective air furnace	20		31JAN08	27FEB08	1,553	5,836.46
3101-458		FabTF,PF & solenoid co-wound loops	186		02JUL07A	15AUG08	1,462	8,479.90
3101-460		Check elect characteristics coax cables	90*		01OCT08*	16FEB09	1,431	18,195.90
3101-456		Title III	90		01OCT08	16FEB09	1,431	5,859.00
T/C and Heater Tape Leads								
1204-140.2		Remaining Design T/C and Heater Tape Leads	44*		31JAN08A	01APR08	192	21,821.52
1204-140.1		Peer Review T/C and Heater Tape Leads	12		15APR08*	30APR08	183	4,613.40
1204-141		Drawings Signed T/C and Heater Tape Leads	0			30APR08	183	0.00
1204-144		Check elect characteristics T/C & heater port 12	65		01MAY08	01AUG08	183	14,583.80
1204-143		Machine twelve 2.75 CF blanks	21*		01FEB08A	29FEB08	291	4,696.56
1204-147		Field/Fab support (title III) T/C&Heater Tape	65		04AUG08	03NOV08	1,497	3,927.30
Spacer Flux Loops & Boxes								
3101-900		Peer review	2		02OCT08	03OCT08	426	2,604.00
3101-901		Purchase Copper	5		13OCT08	17OCT08	426	325.50
3101-902		Purchase CoAx Cable-2000ft .059 ss	5		27OCT08	31OCT08	426	325.50
3101-903		Purchase flex ss protective tube	5		27OCT08	31OCT08	426	5,714.62
3101-904		Design Templates	10		06OCT08	17OCT08	426	6,510.00
3101-905		Machine Cu Templates	10		20OCT08	31OCT08	426	668.56
3101-908		Design protective box	10		06OCT08	17OCT08	426	3,906.00
3101-909		Fab protective boxes	10		20OCT08	31OCT08	426	3,906.00
3101-910		Prep dwgs of spacer loops	10		20OCT08	31OCT08	426	11,311.60
3101-911		Check elec characteristics of coax cables	10		09DEC08	22DEC08	440	15,434.50
3101-907		Autocad dwgs of field runs	24		09DEC08	20JAN09	426	3,906.00
3101-906		Engr support Title III	24		09DEC08	20JAN09	426	1,953.00
Voltage Loops & Protective Boxes								
3101-800		Design Routing and Boxes	76*		31JAN08A	15MAY08	1,596	9,342.48



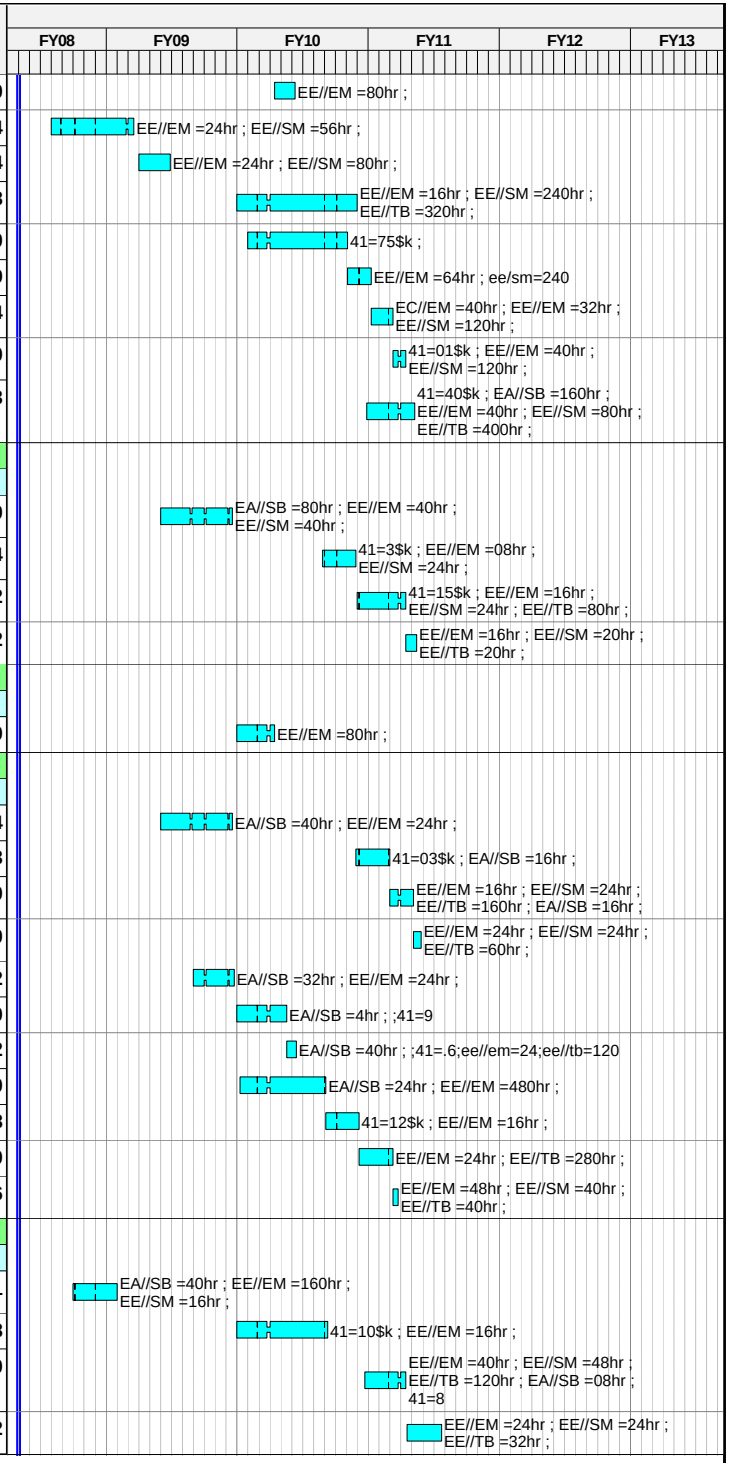
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
3101-802		Fab 3 protective Boxes (Use Existing Box)	10		16MAY08	30MAY08	1,606	3,341.64
3101-806		Check elect characteristics of coax	20		16MAY08	13JUN08	1,596	9,365.40
3101-807		Check elect characteristics ex-vessel flux loops	193		31JAN08	30OCT08	1,499	40,337.24
36 - Edge and Divertor Diagnostics								
Job: 3601 - Edge Divertor Diagnostics-STRATTON								
361-001		Design Visible Camera sys	40		01OCT09*	25NOV09	309	13,234.20
361-015		Procure flange,window and material	65		30NOV09	10MAR10	309	4,679.50
361-016		fabricate and assemble Visible tv camera sys	20		11MAR10	07APR10	309	12,205.96
38 - Electron Beam (EB) Mapping								
Job: 3801 - Electron Beam Mapping-STRATTON								
380-010		E-beam mapping- Prelim Design	40		02MAR09*	24APR09	372	66,396.32
380-015		E-beam mapping - PDR	1	R	27APR09	27APR09	372	0.00
380-100		E-beam mapping-Final Design	40		28APR09*	23JUN09	372	104,685.32
380-110		E-beam mapping - FDR	1	R	24JUN09	24JUN09	372	0.00
380-115		E-beam mapping-Procure Rack,xfrmr,cable	65		01JUL10*	01OCT10	120	13,393.16
380-120		E-beam mapping-Procure Ports	65		01JUL10	01OCT10	120	5,350.03
380-130		E-beam mapping-Procure Data Acquisition	65		01JUL10*	01OCT10	120	13,375.08
380-135		E-beam mapping- Assemble	65		04OCT10*	12JAN11	120	54,862.24
380-135M	2	E-beam mapping apparatus ready for Installation	0			12JAN11	120	0.00
39 - Diagnostics Integration								
Job: 3901 - Diagnostics sys Integration-STRATTON								
390-04		LOE Support FY08	249*		01OCT07A	29SEP08	1,522	19,176.19
390-05		LOE Support FY09	247*		01OCT08*	28SEP09	1,274	29,714.48
390-06		LOE Support FY10	246*		01OCT09*	28SEP10	1,026	30,581.21
390-07		LOE Support FY11	248*		01OCT10*	28SEP11	776	32,131.29
4 - Electrical Power Systems								
41 - AC Power								
Job: 4101 - AC Power-RAMAKRISHNAN								
411 - Auxiliary AC Power Systems								
4101-100.1		Prepare Preliminary One line diagram	173		03AUG09*	15APR10	133	1,371.84
411-1-100		Ex-Test cell AC pwr-Reactiv.&new instl	210		02NOV09*	08SEP10	223	12,285.52
411-2-2		Grounding-Dsn	165		01MAY09*	05JAN10	205	31,659.40
411-2-4		Grounding-Procure	107		21JUN10*	18NOV10	133	13,477.94



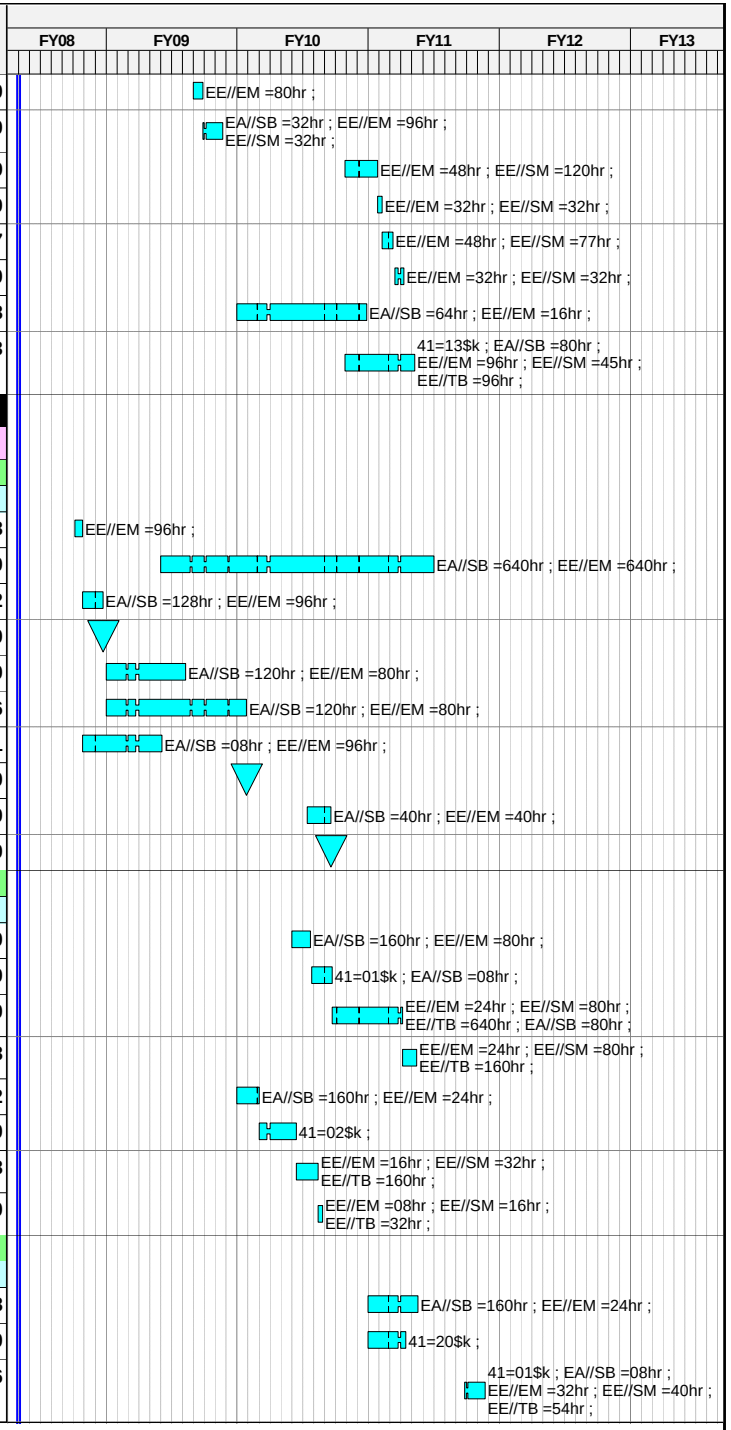
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
411-2-6		Grounding-Install	43		19NOV10*	28JAN11	133	45,808.84
411-2-8		Grounding-Commission	29		31JAN11*	10MAR11	133	16,324.08
411-3-2		Test Cell AC Power Distr-Dsn**GPP**	90		04JAN10*	07MAY10	178	0.00
411-3-4		TC AC Pwr Distr-Procure(pnls&xfrmrs)**GPP**	65		10MAY10	10AUG10	178	0.00
411-3-6		Test Cell AC Power Distr-Install**GPP**	65		11AUG10	10NOV10	178	0.00
411-3-8		Test Cell AC Power Distr-Commission**GPP**	45		11NOV10*	24JAN11	178	0.00
412 - Experimental AC Power Systems								
412-1-2		C-site Pulsed AC Power Distr-Dsn	190		02JAN09*	29SEP09	265	4,615.20
412-1-4		C-site Pulsed AC Power Distr-Procure	65		30SEP09	12JAN10	318	6,682.62
412-1-6		C-site Pulsed AC Power Distr-Install	40		13JAN10	09MAR10	318	11,156.64
412-1-8		C-site Pulsed AC Power Distr-Commission	78		10MAR10	28JUN10	318	10,897.92
43 - DC Systems								
Job: 4301 - DC Systems-RAMAKRISHNAN								
431 - C-Site DC Systems								
431-200		Condition/spare parts inventory	20		03AUG09*	28AUG09	433	2,202.46
431-210		Organize & verify documentation	20		31AUG09*	28SEP09	433	4,322.55
431-215		Document status	10		29SEP09*	12OCT09	433	2,757.54
431-225		Reactivate DF & PEI units	15		01JUL08*	22JUL08	634	20,332.24
431-230		Duumy Load test of DF & PEI units	105		23JUL08	19DEC08	634	10,683.15
431-240		Simulate each of 6 pwr loops in PSCAD	90		01OCT09*	17FEB10	234	18,026.32
431-250		c-site dc sys DGS dsn documentation	259*		02FEB09*	16FEB10	235	59,717.19
431-261		Redo power loop design	355		01MAY08*	30SEP09	324	49,537.71
431-265		Fabricate bus components	20		18FEB10*	17MAR10	234	83,399.88
431-274		Penetrations through floor	20		18FEB10	17MAR10	234	8,460.32
431-275A		Power cabling & Installation FY08	85*		02JUN08*	30SEP08	486	4,407.34
431-275B		Power cabling & Installation FY10	107		01OCT09*	12MAR10	237	11,361.68
431-275		Power cabling & Installation	97		18MAR10*	03AUG10	234	283,754.28
431-275M	2	C-site DC Systems Installed	0			03AUG10	234	0.00
431-276		Maint of C-site rectifiers	997*		01OCT07A	30SEP11	774	20,234.19
44 - Control and protection Systems								
Job: 4401 - Control & Protection-RAMAKRISHNAN								
441 - Electrical Interlocks								
441-095		Design Interlock sys	310		03OCT08*	11JAN10	338	29,853.12



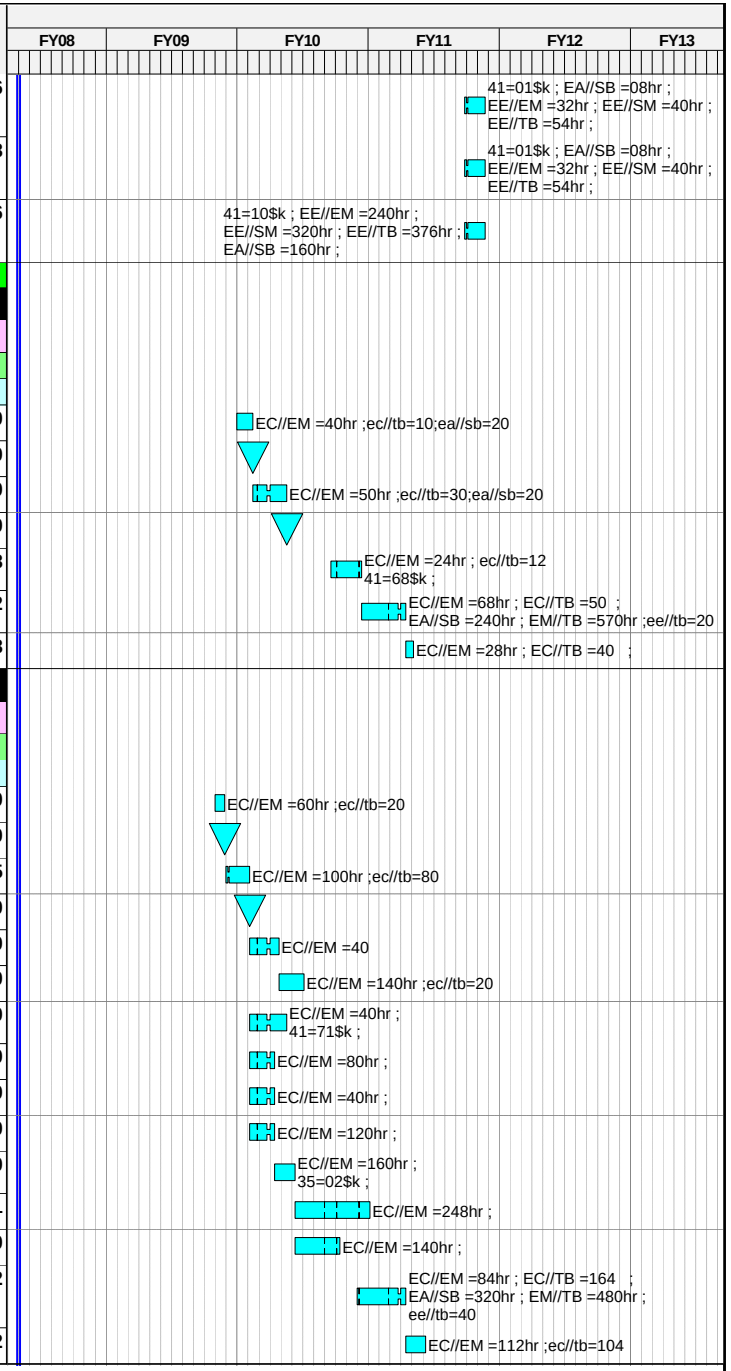
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
441-097		Install Interlock sys	40		14JAN10*	10MAR10	336	25,602.40
441-100		PLC Specification	160		01MAY08*	17DEC08	311	11,584.74
441-105		Prep Block diagrams	60		02JAN09*	26MAR09	307	15,444.24
441-110		PLC CWD's & Cabling	228		01OCT09*	01SEP10	116	63,718.88
441-115		deliver PLC	187*		02NOV09*	05AUG10	100	100,275.00
441-120		Program PLC Logic	45		06AUG10	08OCT10	100	46,613.89
441-125		Program Control pages	40		11OCT10	07DEC10	100	30,369.84
441-130		Pre-commissioning tests	20		08DEC10	12JAN11	100	27,150.40
441-135		Install I/O Cabling control & protection	90		27SEP10	09FEB11	100	128,771.03
442 - Kirk Key Interlocks								
442-1-2		Kirk Keys-Dsn	140		02MAR09*	16SEP09	276	22,040.80
442-1-4		Kirk Keys-Procure	65		27MAY10*	27AUG10	106	8,918.44
442-1-6		Kirk Keys-Install	90		30AUG10*	13JAN11	106	33,632.42
442-1-8		Kirk Keys-Commission	20		14JAN11	10FEB11	106	7,686.72
443 - Real Time Control Systems								
443-1-2		Develop Control Algorithms-Dsn	65		01OCT09*	13JAN10	376	13,866.40
444 - Instrument Systems								
444-2-2		DC Potential Transducers (DCPTs)-Dsn	140		02MAR09*	16SEP09	331	8,843.44
444-2-4		DC Potential Transducers (DCPTs)-Procure	65		27AUG10*	30NOV10	97	6,113.43
444-2-6		DC Potential Transducers (DCPTs)-Install	40		01DEC10	02FEB11	97	22,211.60
444-2-8		DC Potential Transducers (DCPTs)-Commission	15		03FEB11	23FEB11	97	13,140.60
444-3-2		DCCT Design	81		01JUN09*	23SEP09	338	7,883.12
444-3-4		Procure DCCT	88		01OCT09*	15FEB10	333	12,527.20
444-3-6		Install DCCT	20		16FEB10*	15MAR10	333	19,555.72
444-4-2		Signal Conditioning & Cabling-Dsn	160*		08OCT09*	03JUN10	136	86,163.60
444-4-4		Signal Conditioning & Cabling-Procure	65		04JUN10*	03SEP10	136	18,817.28
444-4-6		Signal Conditioning & Cabling-Install	65		07SEP10	08DEC10	136	27,658.90
444-4-8		Signal Conditioning & Cabling-Commission	10		09DEC10	22DEC10	136	18,287.36
445 - Coil Protection Systems								
445-1-2		Ground Fault Protection-Dsn	87		01JUL08*	31OCT08	352	32,648.51
445-1-4		Ground Fault Protection-Procure	170		01OCT09*	10JUN10	126	16,143.28
445-1-6		Ground Fault Protection-Install	75		22SEP10*	14JAN11	55	36,681.60
445-1-8		Ground Fault Protection-Commission	70		17JAN11	22APR11	55	10,774.32



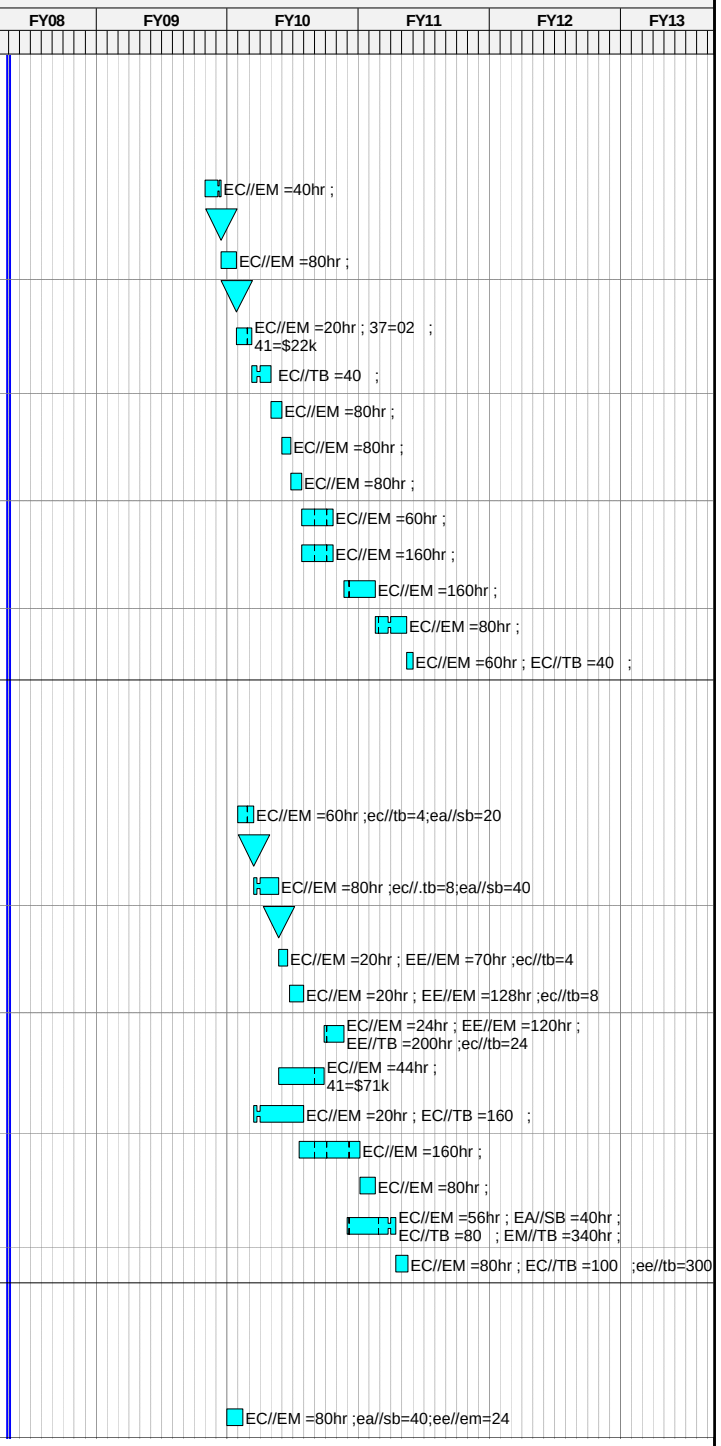
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
445-2-105		Overload Protect-Write spec and approve	20		01JUN09*	26JUN09	337	13,472.80
445-2-110		Overload Protect-Design	40		29JUN09	24AUG09	337	24,569.60
445-2-115		Overload Protect-Fabr 4 chassis	65		28JUL10*	27OCT10	129	26,307.79
445-2-120		Overload Protect-Test 4 units	10		28OCT10	10NOV10	129	10,760.00
445-2-125		Overload Protect-Install & Rack wiring	20		11NOV10	10DEC10	129	20,609.77
445-2-130		Overload Protect-Write & perform ISTP	15		13DEC10	10JAN11	129	10,760.00
445-2-135		Overload Protect-Documentation	246		01OCT09*	28SEP10	1,026	10,680.48
445-2-140		Overload Protection&cabling design,procure instl	130		28JUL10*	07FEB11	109	59,842.63
45 - Power System Design and Integration								
Job: 4501 - Power Sys Dsn & Integr-RAMAKRISHNAN								
451 - System Design & Interfaces								
451-0-2		Develop SRD	15		07JUL08*	25JUL08	311	15,276.48
451-3-2		Dwgs,asbuilts -Elect Dsn Integration	520		02MAR09*	31MAR11	902	190,706.70
451-2-2		PDR Prep Power system -Dsn	40		28JUL08	22SEP08	311	29,795.52
451-2-3	2	Power system - PDR	0	R		22SEP08	311	0.00
451-6-2		Final design C-Site -Cabling	149		01OCT08*	08MAY09	424	27,877.60
451-2-2.1		Final Design C-Site	268		01OCT08*	27OCT09	305	27,935.36
451-1-2		Calculations-Dsn	149		28JUL08*	05MAR09	470	16,836.31
451-202.2	2	Power systems C-Site - FDR	0	R		27OCT09	305	0.00
451-4-2		Final Dsn AC auxiliaries & grounding-Dsn	45		16APR10*	18JUN10	133	11,875.20
451-402.1		AC auxiliaries & grounding - FDR	0	R		18JUN10	133	0.00
452 - Electrical Systems Support								
452-1-2		Diagnostics AC Power Distr-Dsn	40		01MAR10*	23APR10	163	33,634.40
452-1-4		Diagnostics AC Power Distr-Procure	40		26APR10	21JUN10	163	2,325.40
452-1-6		Diagnostics AC Power Distr-Install	130		22JUN10	03JAN11	163	79,033.00
452-1-8		Diagnostics AC Power Distr-Commission	30		04JAN11	14FEB11	163	30,222.88
452-2-2		Diagnostics sensor cabling-Dsn	43		01OCT09*	02DEC09	339	23,927.92
452-2-4		Diagnostics sensor cabling-Procure	65		03DEC09	15MAR10	339	2,674.00
452-2-6		Diagnostics sensor cabling-Install	43		16MAR10	13MAY10	339	20,336.48
452-2-8		Diagnostics sensor cabling-Commission	10		14MAY10	27MAY10	339	6,307.60
453 - System Testing (PTP's)								
453-1-2		New Procedures	90		01OCT10*	15FEB11	103	25,140.48
453-1-3		Preop Testing-Procure test equipt	65		01OCT10*	11JAN11	128	27,400.00
453-1-4		TF Coil Test	40		27JUN11	22AUG11	11	18,965.06



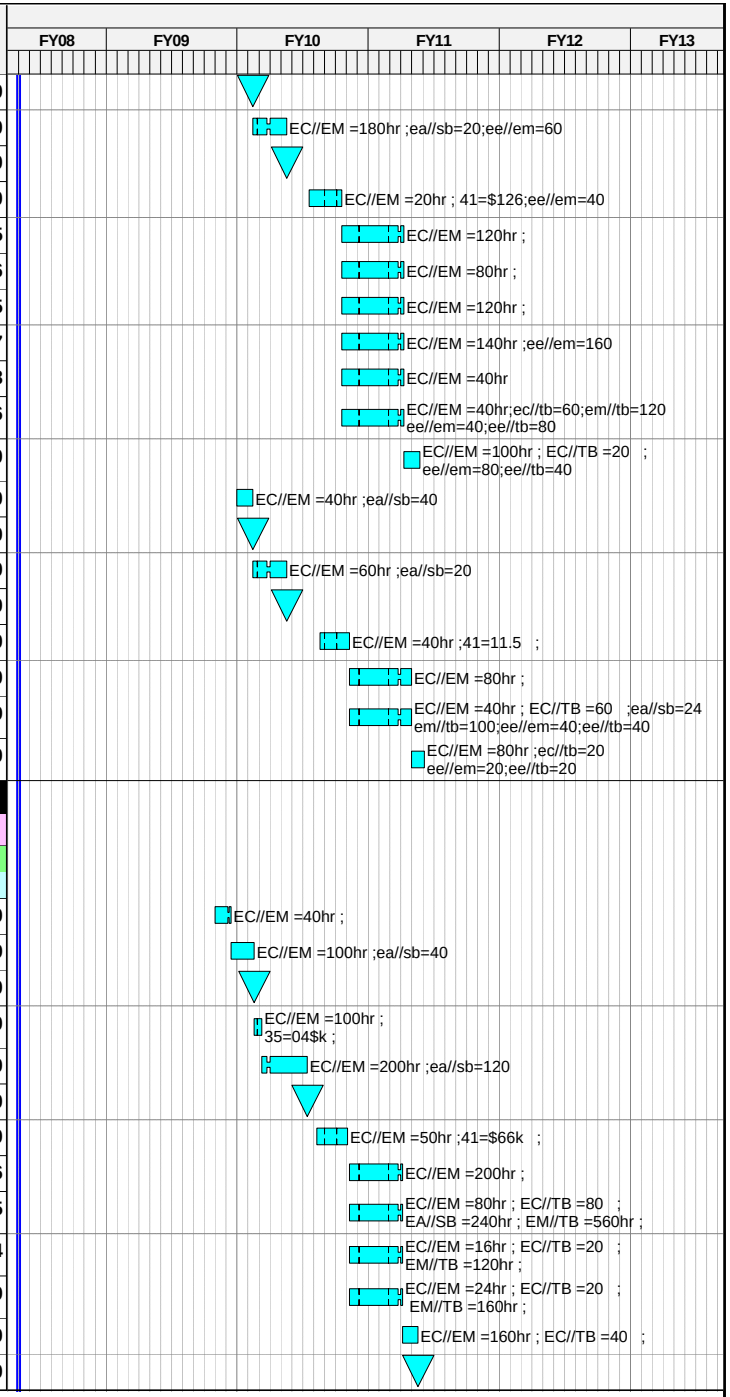
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
453-1-5		PF Coil Test	40		27JUN11	22AUG11	11	18,965.06
453-1-6		Trim Coil Coil Test	40		27JUN11	22AUG11	11	136,368.68
453-1-8		Testing PTPs, ISTPs	40		27JUN11	22AUG11	11	159,275.76
5 - Central I&C Systems								
51 - Network and Fiber Infrastructure								
Job: 5101 - Network and Fiber Infrastruct-SICHTA								
R51-10		Preliminary Design	30		01OCT09*	11NOV09	265	8,977.30
R51-11		PDR	0			11NOV09	265	0.00
R51-20		Final Design	60		12NOV09	17FEB10	265	11,919.00
R51-21		FDR	0			17FEB10	265	0.00
R51-30		Procurement	60		18JUN10*	13SEP10	180	95,270.68
R51-50		Installation	80		14SEP10	13JAN11	180	97,809.22
R51-60		Test	14		14JAN11	02FEB11	180	7,390.48
52 - Central Instrumentation & Control								
Job: 5201 - I&C Systems-SICHTA								
R52-10		Preliminary Design-Infrastructure	20		03AUG09*	28AUG09	218	9,847.00
R52-11		PDR	0			28AUG09	218	0.00
R52-20		Final Design-Infrastructure	45		31AUG09	02NOV09	218	20,115.35
R52-21		FDR	0			02NOV09	218	0.00
R52-25		Preliminary Design-Subsystems	50		03NOV09*	25JAN10	256	5,754.80
R52-27		Final Design-Subsystems	50		26JAN10	05APR10	256	21,644.80
R52-30		Procurement	65		03NOV09	15FEB10	291	100,681.80
R52-40		EPICS Programming - Base	40		03NOV09*	11JAN10	218	11,509.60
R52-50		EPICS Programming - VDCT db editor	40		03NOV09*	11JAN10	406	5,754.80
R52-60		IOC Programming - MDSplus data & events	40		03NOV09*	11JAN10	406	17,264.40
R52-70		OPC - EPICS/PLC Interface	40		12JAN10	08MAR10	218	25,507.20
R52-80		Appl. Programming-T/C	148		09MAR10	05OCT10	218	35,716.41
R52-90		Programming - misc.	90		09MAR10	14JUL10	276	20,141.80
R52-100		Installation	90		30AUG10*	13JAN11	154	112,538.22
R52-110		Test	40		14JAN11	10MAR11	154	25,140.72



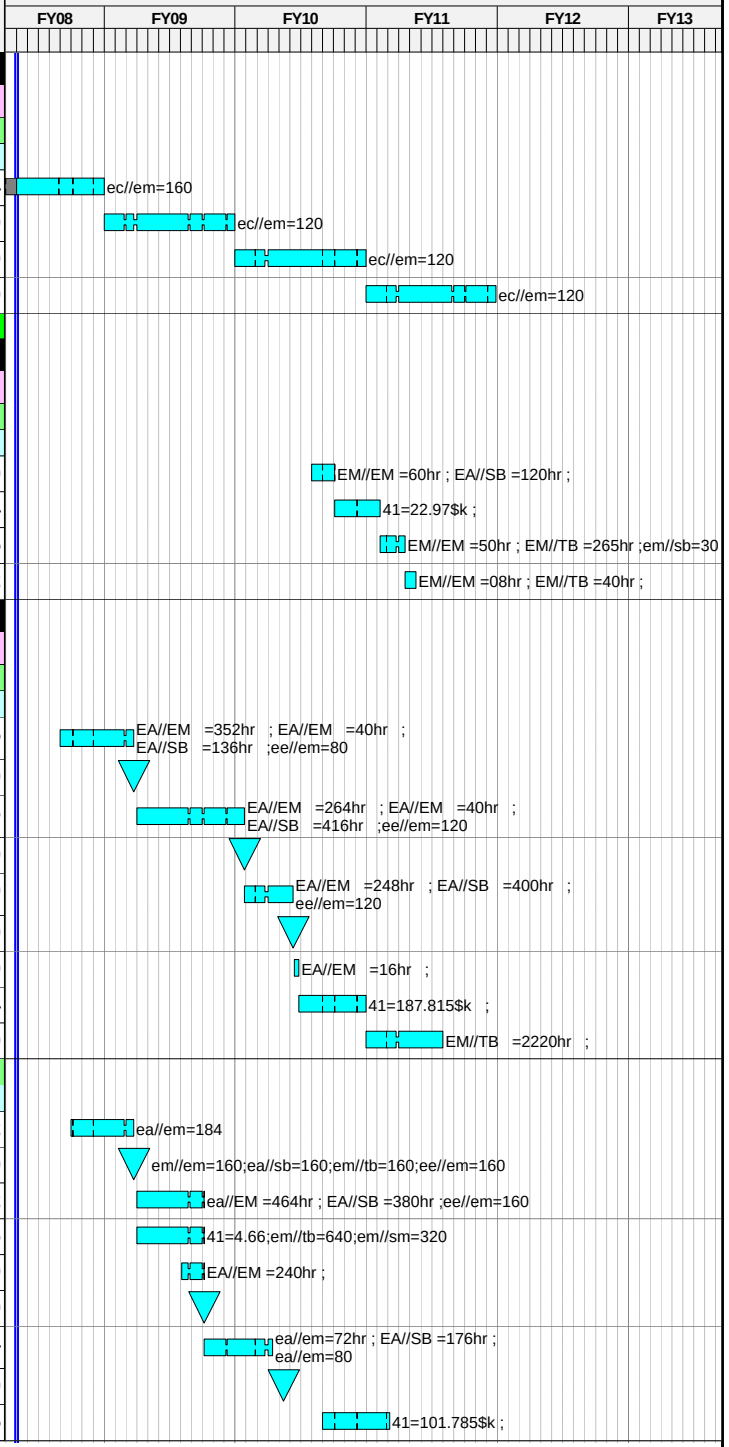
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
53 - Data Acquisition & Facility Computing								
Job: 5301 - Data Acquisition-SICHTA								
R53-10		Preliminary Design	30		03AUG09*	14SEP09	182	5,591.20
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
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



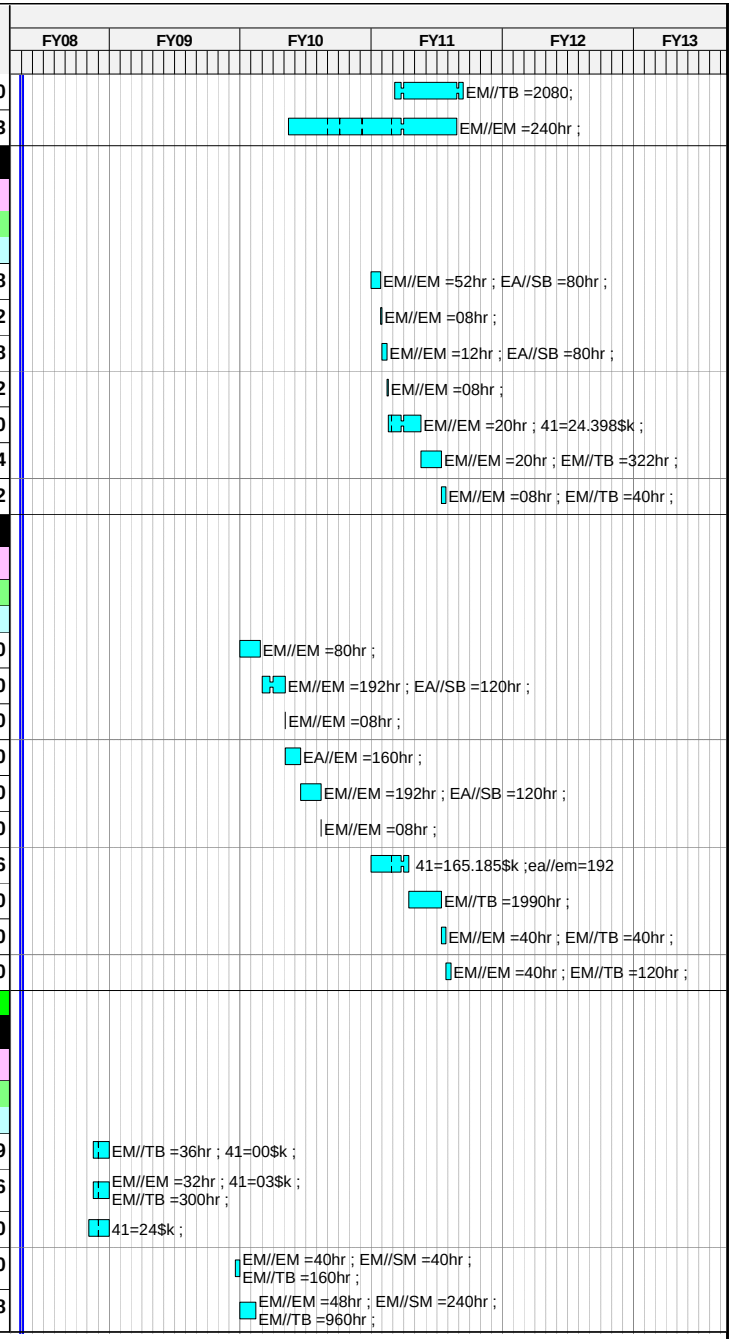
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
R55-11		PDR	0			11NOV09	209	0.00
R55-20		FCPC -Final Design	60		12NOV09	17FEB10	209	38,767.40
R55-21		FDR	0			17FEB10	209	0.00
R55-30		FCPC - Procurement	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	98,334.55
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



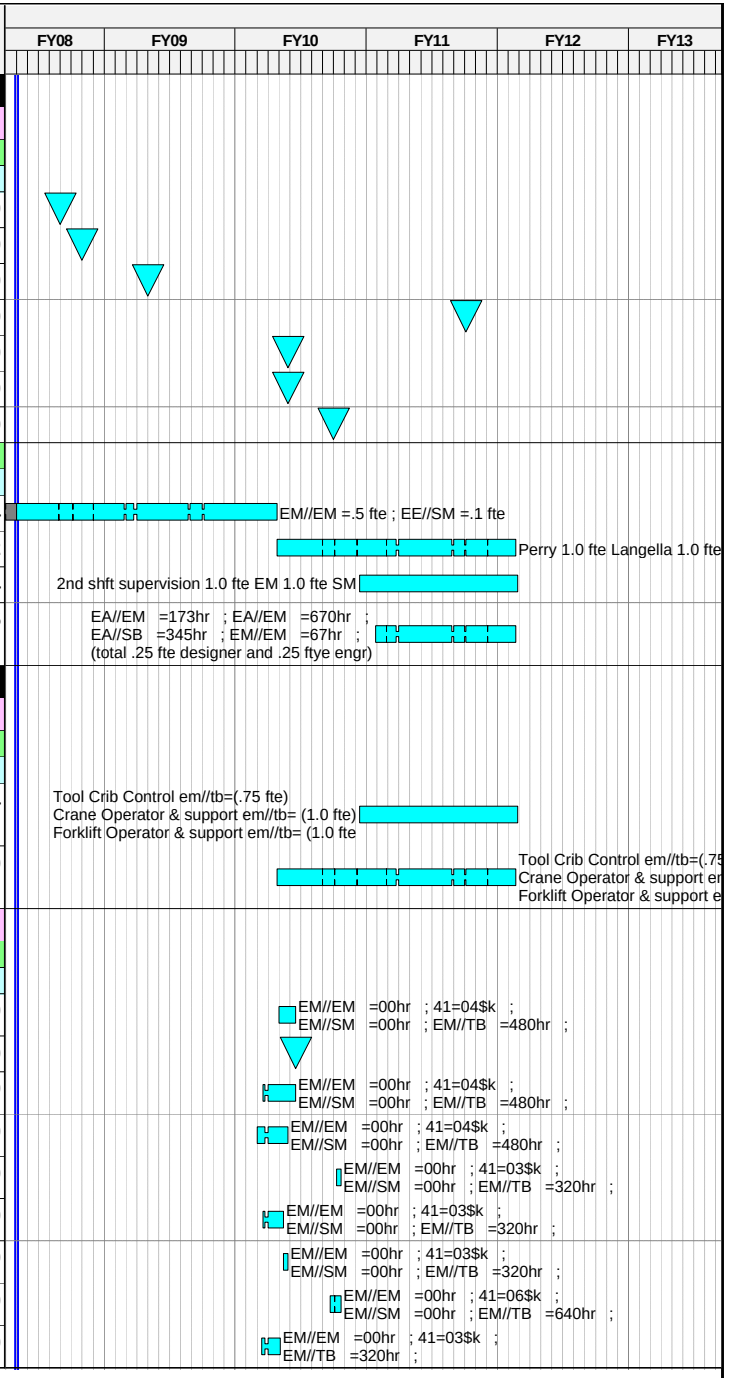
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
58 - Central I&C management and Integration								
Job: 5801 - Central I&C Integr& Oversight-SICHTA								
R58-20		WBS58 -FY08 Management & Integration 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
6 - Facility Systems								
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 sys	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
623-121		GN2 Cryostat Cooling Sys-Cooldown& thermal	40		08MAY09	06JUL09	138	44,983.20
623-141		GN2 Cryostat Cooling Sys PDR	0			06JUL09	138	0.00
623-161		GN2 Cryostat Cooling Sys-Final Design	125		07JUL09	12JAN10	138	50,677.94
623-181		GN2 Cryostat Cooling Sys- FDR	0			12FEB10	115	0.00
623-201		GN2 Cryostat Cooling Sys-Procure Hardware	130		01JUN10*	03DEC10	103	137,230.15



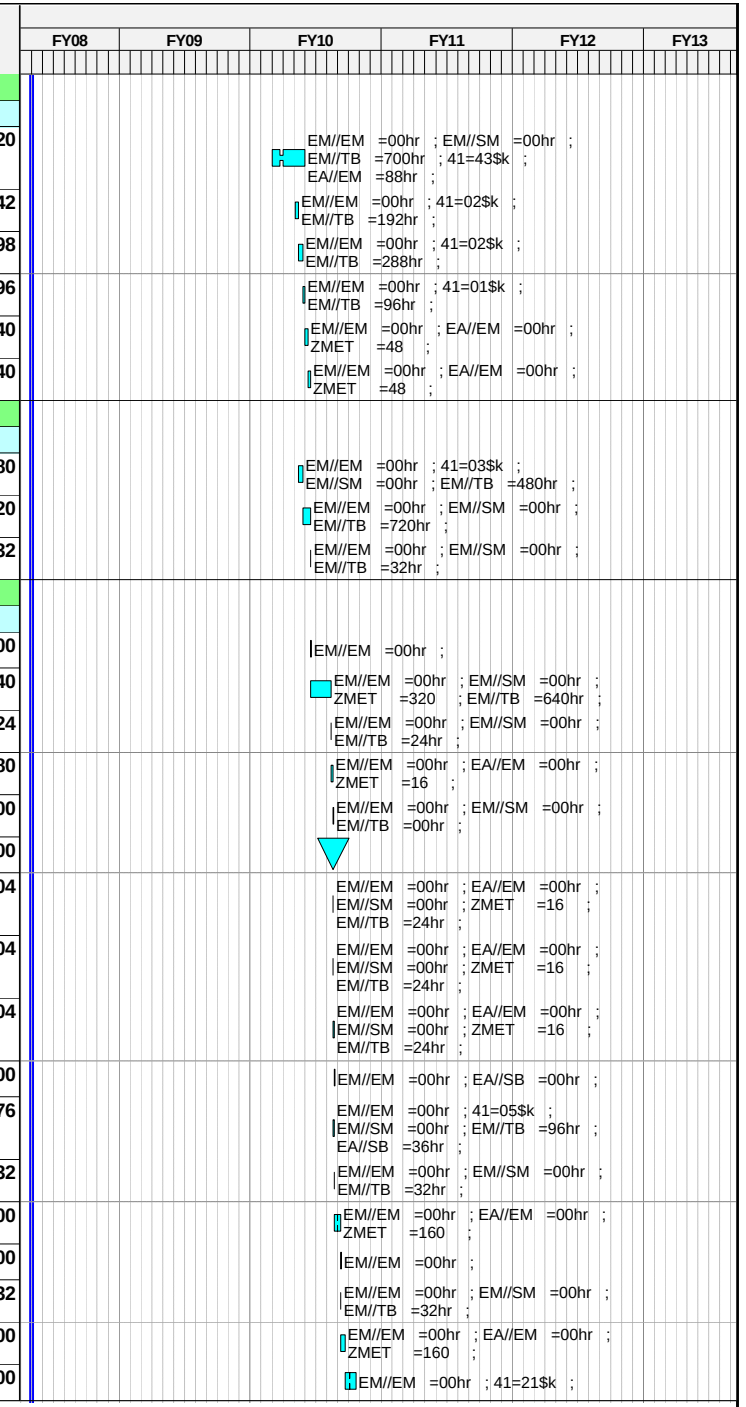
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
623-221		GN2 Cryostat Cooling Sys-Assemble & Install	130		06DEC10	14JUN11	103	187,969.60
623-262		GN2 Cryostat Cooling Supply-Title III	323		15FEB10	26MAY11	115	47,473.23
63 - Utility Systems								
Job: 6301 - Utility Systems-DUDEK								
6301-001		Vac Vent and Air sys- Prelim Dsn	20		01OCT10*	28OCT10	134	19,536.28
6301-005		Vac Vent and Air sys- PDR	1	R	29OCT10*	29OCT10	134	1,407.92
6301-009		Vac Vent and Air sys- Final dsn	10		01NOV10*	12NOV10	134	12,496.68
6301-010		Vac Vent and Air sys- FDR	1	R	15NOV10*	15NOV10	134	1,407.92
6301-013		Vac Vent and Air sys- Procure hardware and compo	60		16NOV10	17FEB11	134	36,947.80
6301-017		Vac Vent and Air sys- Fabricate and Install	40		18FEB11*	14APR11	134	32,618.94
6301-020		Vac Vent and Air sys-Test	10		15APR11*	28APR11	134	5,022.72
64 - PFC/VV Heating & Cooling (Bakeout)								
Job: 6401 - PFC/VV Htng/Cooling(bakeout)- KALISH								
6401-000		Bakeout Sys- Requirements Definition	40		01OCT09*	25NOV09	222	15,432.00
6401-001		Bakeout Sys-Preliminary Design	40		30NOV09*	03FEB10	222	51,862.80
6401-002		Bakeout Sys-PDR	1	R	04FEB10*	04FEB10	222	1,543.20
6401-004		Bakeout Sys- EA Analysis	30		05FEB10	18MAR10	222	30,864.00
6401-005		Bakeout Sys-Final Design	40		19MAR10*	13MAY10	222	56,804.80
6401-009		Bakeout Sys-FDR	1	R	14MAY10*	14MAY10	222	1,543.20
6401-010		Bakeout Sys-Procure Piping & Equipt	65		01OCT10*	11JAN11	126	265,224.86
6401-013		Assemble & Install	65		12JAN11*	12APR11	126	179,836.30
6401-017		Bakeout Sys- ACC Review	10		13APR11*	26APR11	126	11,722.00
6401-020		Bakeout Sys-PTP Testing	10		27APR11*	10MAY11	126	18,951.60
7 - Test Cell Preparation and Machine Assy								
73 - Platform Design & Fabrication								
Job: 7301 - Platform Design & Fab-PERRY								
711A.040		Platform nut plates	30	1	19AUG08*	30SEP08	421	408.49
712.020		Platform Parts	30	1	19AUG08*	30SEP08	421	32,337.96
712.030		Miscs Hardware/Material	40	1	05AUG08*	30SEP08	421	29,808.00
7301-100		Survey & layout locations for platform posts	10	1	17SEP09	30SEP09	172	25,404.00
7301-102		Machine platform trial assembly & fitup	30	1	01OCT09*	11NOV09	172	124,714.08



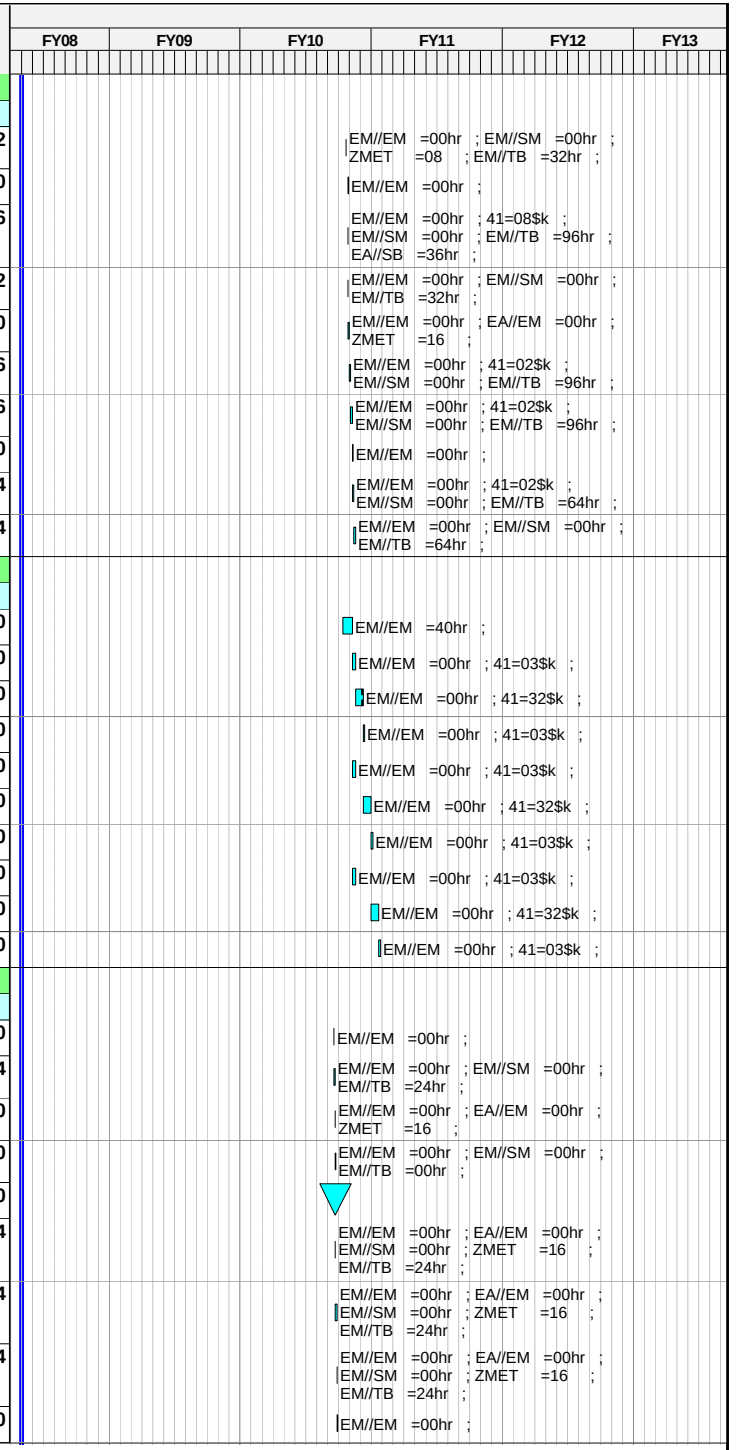
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
74 - Machine Assembly Planning and Oversight								
Job: 7401 - TC Prep & Mach Assy Planning-PERRY								
GPP Projects Required for NCSX (non-MIE cost)								
GPP-01		CS Crane	0	2		30MAY08*	475	0.00
GPP-02		CS Interior Wall Replacement	0	2		31JUL08*	845	0.00
GPP-03		CS/RF Bldg HVAC Split	0	2		30JAN09*	724	0.00
GPP-04		Complete CS High Bay Electrical Work	0	2		06JUL11	93	0.00
GPP-05		CS Building Control Room HVAC	0	2		26FEB10*	446	0.00
GPP-06		CS Test Cell N Exhaust Vent System	0	2		26FEB10*	446	0.00
GPP-07		CS Control Room Lighting & Electrical	0	2		30JUN10*	358	0.00
714.020		LOE Prior to assy starting	583*	1	01OCT07A	25JAN10	1,221	314,288.64
714.030		LOE Start of assy through thru completion	463*	1	25JAN10*	22NOV11	737	1,214,358.72
714.031		Additional supervision for 2nd shift	311	2	16SEP10*	24NOV11	743	457,137.54
8203FY11.1		Title III Design support	270*		26OCT10*	22NOV11	737	337,666.05
75 - Test Cell and Basement Assembly Operations								
Job: 7501 - Construction Support Crew-PERRY								
General Assy Support								
7501-06		Construction Support Crew for 2nd shift	311	2	16SEP10*	24NOV11	743	436,868.84
7501-05		Construction Support Crew during machine assy	463*	1	25JAN10*	22NOV11	61	888,356.70
Job: 7503 - Machine Assembly (station 6)-PERRY								
1.0 - Component Preparation								
S-6-1.00A		Assemble assembly structure	34		01FEB10*	18MAR10	45	46,632.80
7501-10.4M	2	Complete Base Support Structure Assembly	0	1		18MAR10	45	0.00
S-6-1.00B		Assemble structure between assy sleds & FPA	57		18DEC09	18MAR10	45	46,632.80
S-6-1.01		Assemble three field period support stands (see	54		01DEC09	24FEB10	45	46,632.80
S-6-1.02		Assemble three spool piece support stands (see F	10		12JUL10	23JUL10	45	31,534.20
S-6-1.03		Assemble machine base structure (see Fig 2a)	32		17DEC09	10FEB10	45	31,534.20
S-6-1.04		Assemble three FPA installation carts (see Fig 1	10		11FEB10	24FEB10	45	31,534.20
S-6-1.05		Assemble spool support stand platforms	20		25JUN10	23JUL10	45	63,068.40
S-6-1.06		Fabricate and Assemble 3 laser support polls	29		16DEC09	04FEB10	45	31,534.20



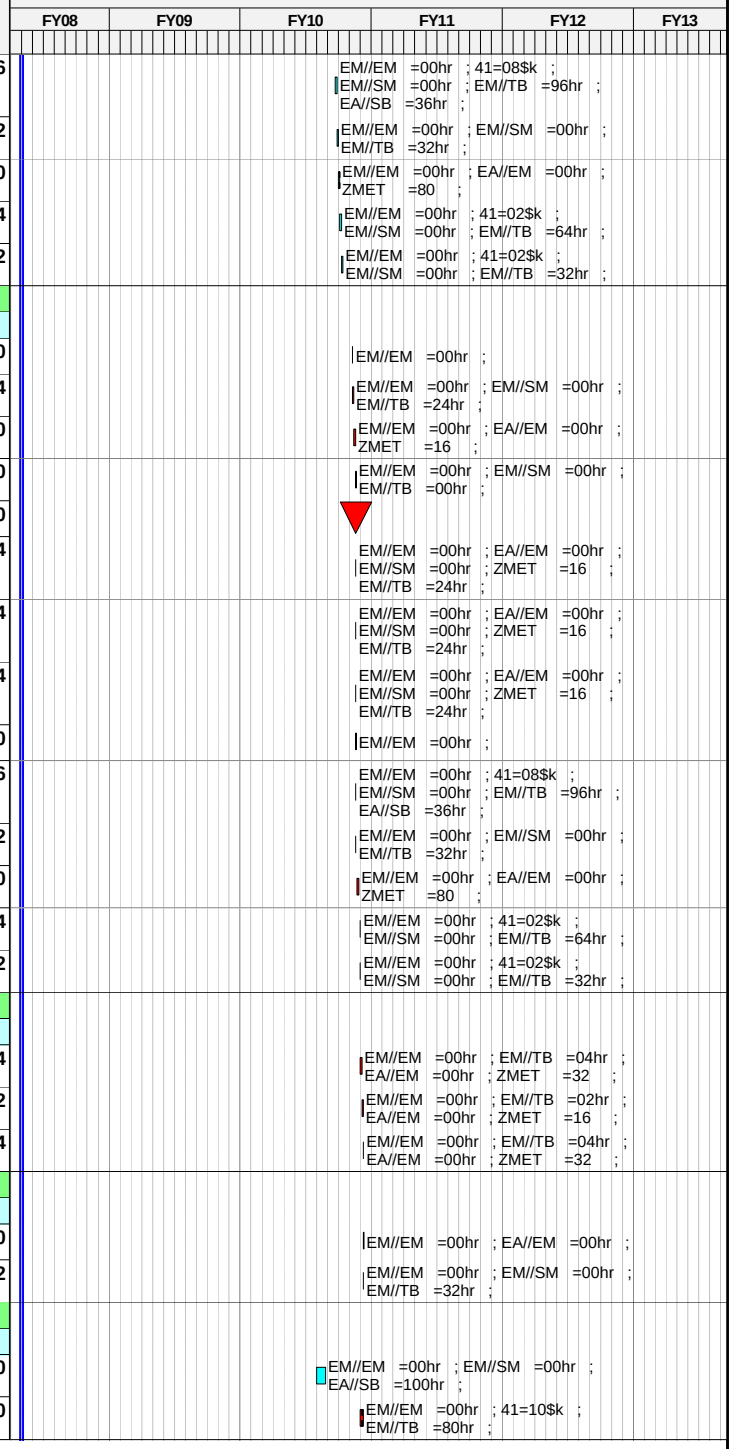
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
2.0 - Test Cell Metrology set-up/deflection test								
S-6-2.01		Install test cell metrology site monuments	56	NO	03DEC09	02MAR10	45	134,673.20
S-6-2.02		Install the laser supports	6	NO	05FEB10	12FEB10	45	18,519.42
S-6-2.03		Laser tracker support pole bases installed	9	NO	15FEB10	25FEB10	45	27,845.98
S-6-2.04		Install laser support pole on each Period base.	3		26FEB10	02MAR10	45	9,593.96
S-6-2.05		Establish global coordinate system	6	NO	03MAR10	10MAR10	45	6,086.40
S-6-2.06		Qualify laser accuracy when laser is installed	6	NO	11MAR10	18MAR10	45	6,086.40
3.0 - Pre-installation set-up and test								
S-6-3.01		Install the machine base support structure	10		11FEB10	24FEB10	45	45,295.80
S-6-3.02		Install each of three FPA carts and drive system	15		25FEB10	17MAR10	45	61,927.20
S-6-3.04		Position the lower PF 5 and 6 coils	1		18MAR10	18MAR10	45	2,752.32
4.0 - FPA-1 Installation and Assembly Test								
S-6-4.01		Obtain a set of Period 1 alignment fiducial posi	0		19MAR10	18MAR10	45	0.00
S-6-4.01A		Exercise assembly structure with FPA-1	40	NO	19MAR10	13MAY10	45	95,622.40
S-6-4.02		Move FPA 1 support fixture to the assembly posit	1		14MAY10	14MAY10	45	2,064.24
S-6-4.03		Using laser at Period 1 establish a global coor	2	NO	17MAY10	18MAY10	45	2,028.80
S-6-4.04		Position Period 1 on the period support stand	0		19MAY10	18MAY10	45	0.00
7503-080		FPA-1 Installed on sleds	0	1		18MAY10	45	0.00
S-6-4.05		Use the corner positioning device to position Pe	1		19MAY10	19MAY10	45	4,093.04
S-6-4.06		AirLoc Wedgemount levelerup to take the load.	1		20MAY10	20MAY10	45	4,093.04
S-6-4.07		Return FPA support fixt with Period 1 to extrac	1		21MAY10	21MAY10	45	4,093.04
S-6-4.09		Install personnel lift platform on right side Pe	0		24MAY10	21MAY10	45	0.00
S-6-4.09A		Fabricate platform	3		19MAY10	21MAY10	45	19,389.76
S-6-4.09B		Install platform	1		24MAY10	24MAY10	45	2,752.32
S-6-4.10		Measure VV &MC end flanges right side of Period	10		25MAY10	08JUN10	45	20,288.00
S-6-4.11		Measure the Period 1 left side VV &Type-C flange	0		09JUN10	08JUN10	45	0.00
S-6-4.11A		Install platform	1		09JUN10	09JUN10	45	2,752.32
S-6-4.11B		Measure end flange	10		10JUN10	23JUN10	45	20,288.00
S-6-4.12		Machine Period 1 C side spool flange only	20	VEND	24JUN10	22JUL10	45	28,077.00



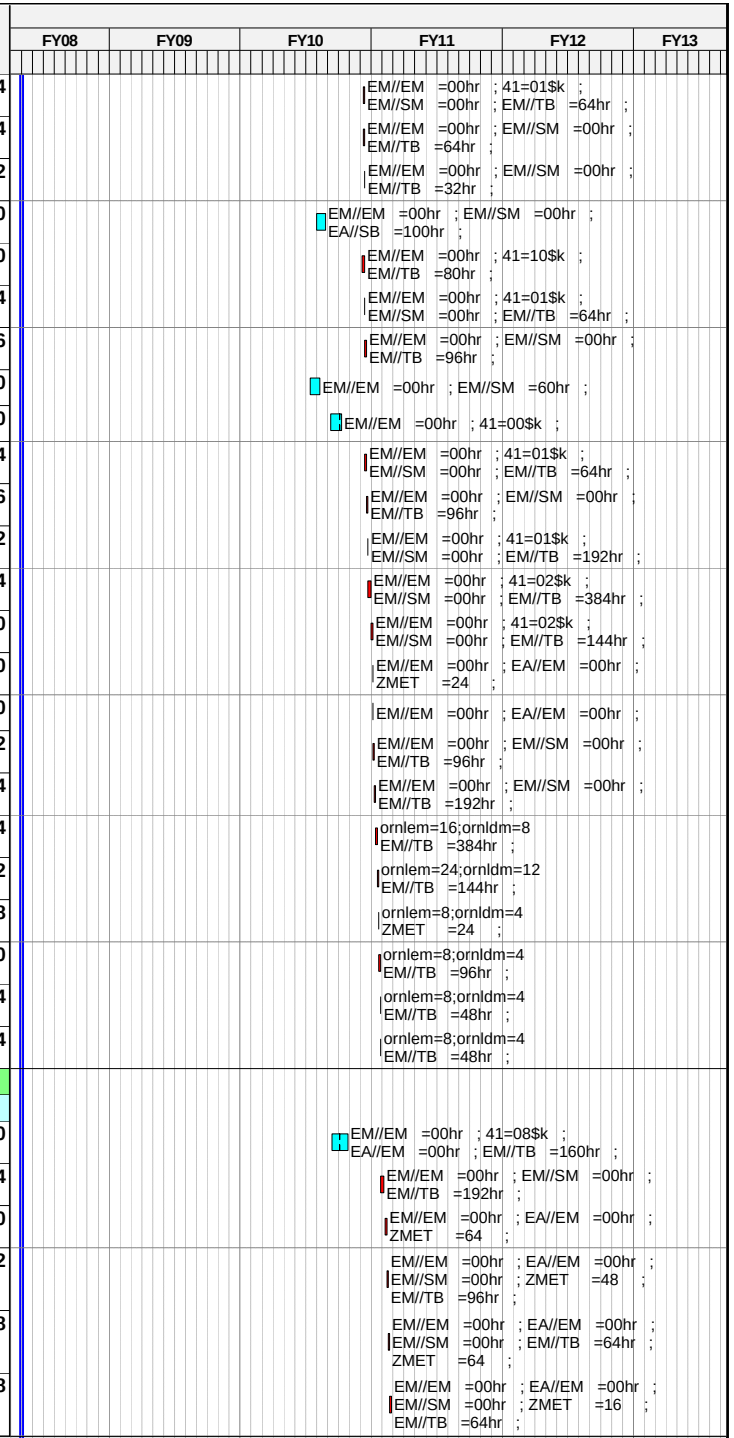
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
5.0 - Spool piece installation test								
S-6-5.01		Return FPA support fixt Period 1 to extracted po	1		23JUL10	23JUL10	45	3,766.72
S-6-5.02		Local platform supports spool support stand Peri	0		26JUL10	23JUL10	45	0.00
S-6-5.02A		Fabricate platform	3		26JUL10	28JUL10	45	23,400.76
S-6-5.02B		Install platform	1		29JUL10	29JUL10	45	2,752.32
S-6-5.03		Reposition metrology lasers	2		30JUL10	02AUG10	45	2,028.80
S-6-5.04		Install the Period 1 spool support stand	3		03AUG10	05AUG10	45	10,930.96
S-6-5.05		Operational check bringing spool piece/Period 1	3		06AUG10	10AUG10	45	10,930.96
S-6-5.06		Spool flanges can continue to be machined	0		11AUG10	10AUG10	45	0.00
S-6-5.07		Loosen Period 1 VV supports and pull VV outboard	2		11AUG10	12AUG10	1,056	8,178.64
S-6-5.08		Remove the spool, spool support stand and platfo	2		13AUG10	16AUG10	1,056	5,504.64
6.0 - Spool piece flange machining								
S-6-6.00A		Obtain contract for machining of spool pieces	20	NO	14JUL10	10AUG10	45	6,700.40
S-6-6.00B		Transport spool piece 1 to vendor	5	NO	11AUG10	17AUG10	45	4,011.00
S-6-6.00C		Machine spool piece 1	15	NO	18AUG10	08SEP10	45	42,784.00
S-6-6.00D		Transport spool piece 1 back to PPPL	5	NO	09SEP10	15SEP10	75	4,011.00
S-6-6.00E		Transport spool piece 2 to vendor	5	NO	11AUG10	17AUG10	60	4,011.00
S-6-6.00F		Machine spool piece 2	15	NO	09SEP10	29SEP10	45	42,784.00
S-6-6.00G		Transport spool piece 2 back to PPPL	5	NO	30SEP10	06OCT10	60	4,090.20
S-6-6.00H		Transport spool piece 3 to vendor	5	NO	11AUG10	17AUG10	75	4,011.00
S-6-6.00I		Machine spool piece 3	15	NO	30SEP10	20OCT10	45	43,769.60
S-6-6.00J		Transport spool piece 3 back to PPPL	5	NO	21OCT10	27OCT10	45	4,110.00
7.0 - FPA-2 Installation								
S-6-7.01		Obtain set Period 2 alignment fiducial positions	1		18JUN10	18JUN10	44	0.00
S-6-7.02		Move FPA 2 support fixture to the assembly posit	1		21JUN10	21JUN10	44	2,064.24
S-6-7.03		Place laser suprt pole Period 2 estab global coo	2	NO	22JUN10	23JUN10	44	2,028.80
S-6-7.04		Position Period 2 on the period support stand	0		24JUN10	23JUN10	44	0.00
7503-110		FPA-2 Installed on sleds	0	1		23JUN10	44	0.00
S-6-7.05		Period 2, bring three primary fiducials into al	1		24JUN10	24JUN10	44	4,093.04
S-6-7.06		AirLoc Wedgemount leveler to take the load.	1		25JUN10	25JUN10	44	4,093.04
S-6-7.07		Return FPA support fixt Period 2 to extracted po	1		28JUN10	28JUN10	44	4,093.04
S-6-7.09		Install a personnel lift platform between Period	0		29JUN10	28JUN10	44	0.00



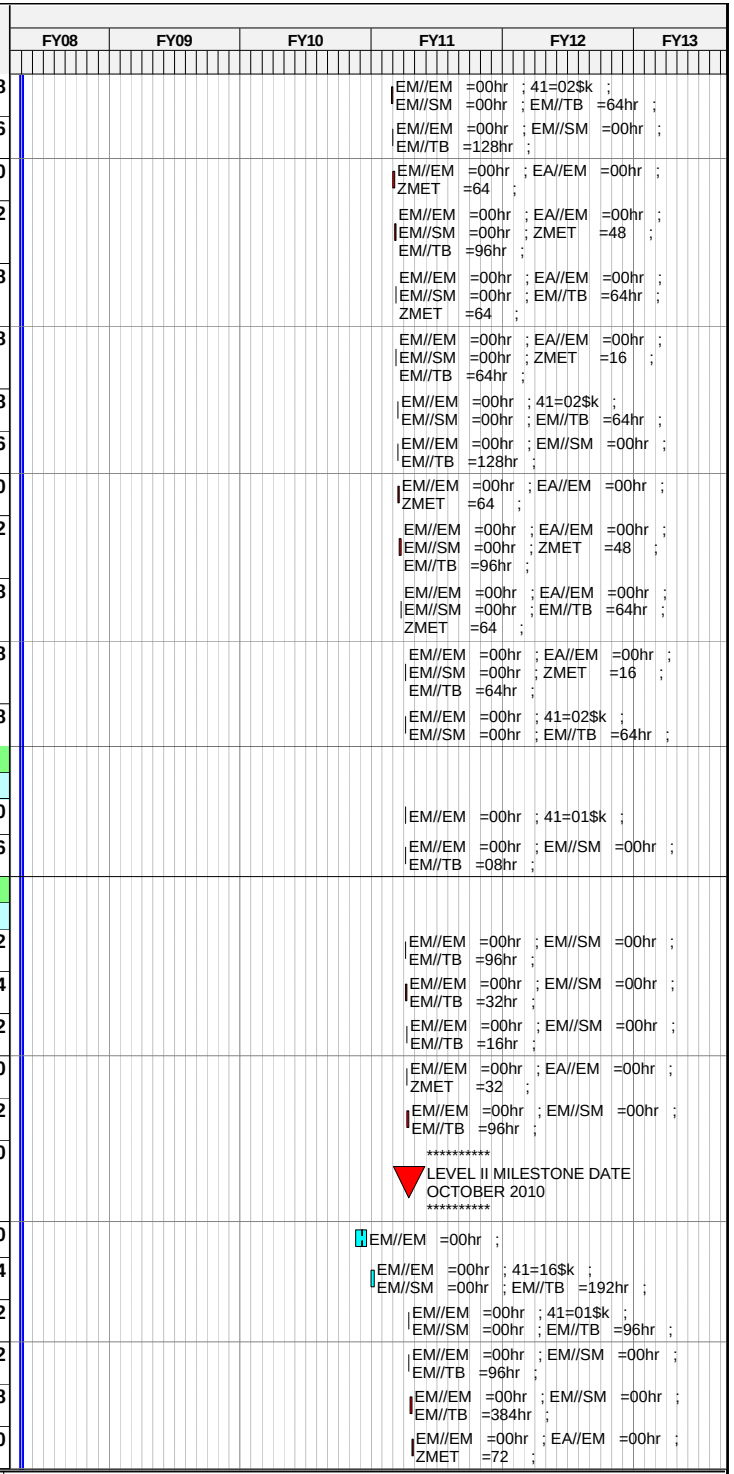
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
S-6-7.09A		Fabricate platform	3		24JUN10	28JUN10	44	23,400.76
S-6-7.09B		Install platform	1		29JUN10	29JUN10	44	2,752.32
S-6-7.10		Measure type C MC left end flanges of Period 2.	5		30JUN10	07JUL10	44	10,144.00
S-6-7.11		Pull VV outboard to imaximum extent	2		08JUL10	09JUL10	44	8,178.64
S-6-7.12		Return FPA 2 support fixture Period 2 to extract	1		12JUL10	12JUL10	44	5,426.32
8.0 - FPA-3 Installation								
S-6-8.01		Obtain set Period 3 alignment fiducial positions	1		11AUG10	11AUG10	0	0.00
S-6-8.02		Move FPA 3 support fixture to assembly position	1		12AUG10	12AUG10	0	2,064.24
S-6-8.03		Place laser support pole Period 3 estabglobal co	2	NO	13AUG10	16AUG10	0	2,028.80
S-6-8.04		Position Period 3 on period support stand	0		17AUG10	16AUG10	0	0.00
7503-150	2	FPA-3 Installed on sleds	0	1		16AUG10	0	0.00
S-6-8.05		position Period 3, bring 3 primary fiducials int	1		17AUG10	17AUG10	0	4,093.04
S-6-8.06		AirLoc Wedgemount leveler up to take load	1		18AUG10	18AUG10	0	4,093.04
S-6-8.07		Return the FPA support fixt Period 3 to extracte	1		19AUG10	19AUG10	0	4,093.04
S-6-8.08		Install a personnel lift platform between Period	0		20AUG10	19AUG10	0	0.00
S-6-8.08A		Fabricate platform	3		17AUG10	19AUG10	0	23,400.76
S-6-8.08B		Install platform	1		20AUG10	20AUG10	0	2,752.32
S-6-8.09		Measure type MC right end flanges of Period 3.	5		23AUG10	27AUG10	0	10,144.00
S-6-8.1		Pull VV outboard to maximum extent	2		30AUG10	31AUG10	0	8,178.64
S-6-8.11		Return FPA 3 support fixt Period 3 toextracted	1		01SEP10	01SEP10	0	5,426.32
9.0 - Measure Type-C MC Flanges								
S-6-9.01		Mount laser head support bracket and laser head	2		02SEP10	03SEP10	0	4,401.64
S-6-9.02		Measure type C MC left end flanges of Period 3.	1		07SEP10	07SEP10	0	2,200.82
S-6-9.03		Measure Period 2 right side VV and Type-C end fl	2		08SEP10	09SEP10	0	4,401.64
10.0 - Type-C Shim Sizing/Prep								
S-6-10.01		Define the C/C shim thickness.	0		08SEP10	07SEP10	3	0.00
S-6-10.02		Compress alumina coated shims and sort	2		08SEP10	09SEP10	3	2,752.32
11.0 - Type-C Inboard Shim Installation Check								
S-6-11.01A		Design	20	NO	30APR10*	27MAY10	67	12,355.00
S-6-11.01B		Fabricate	5		02SEP10	09SEP10	0	20,250.80



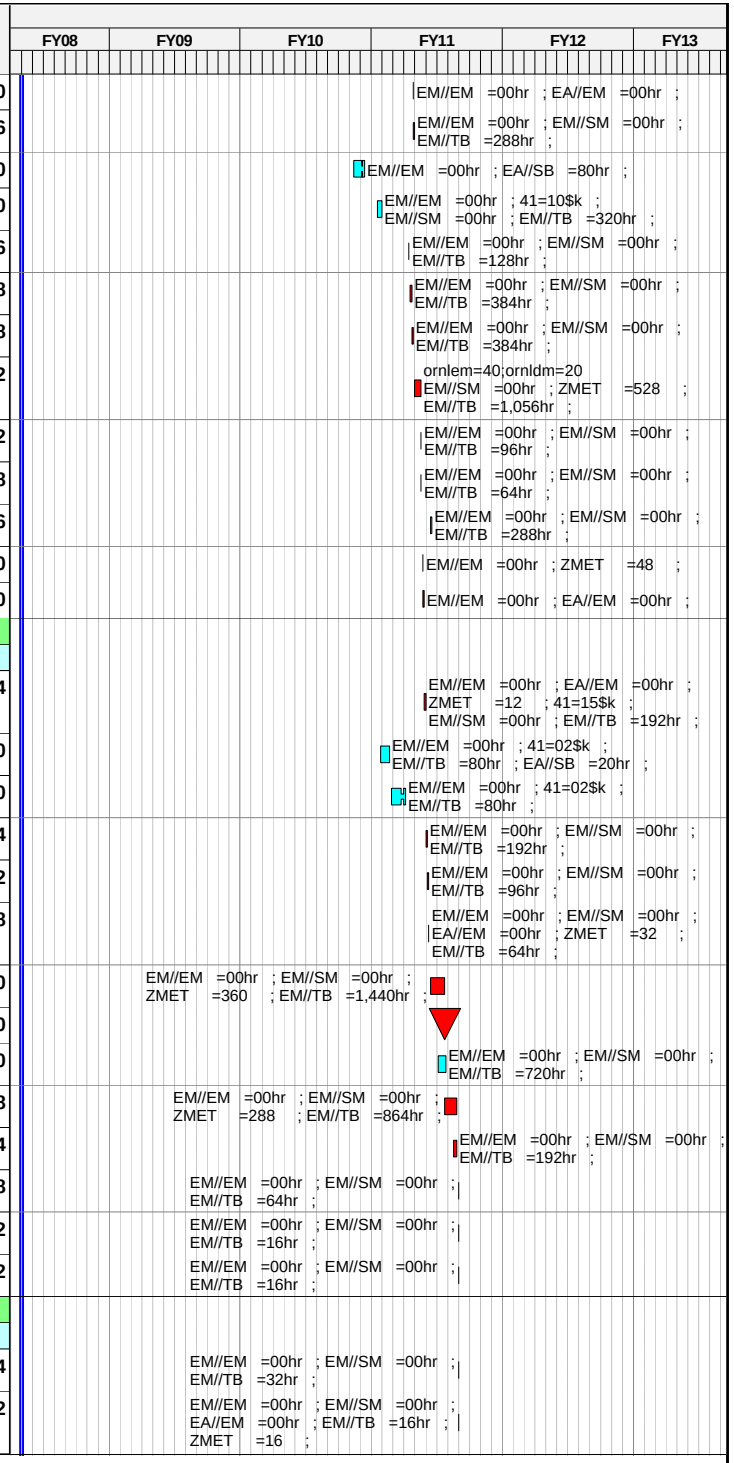
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
S-6-11.01C		Install	2		10SEP10	13SEP10	0	6,841.64
S-6-11.02		Removeplatforms used for C-C surface measurement	2		10SEP10	13SEP10	0	5,504.64
S-6-11.03		Slowly bring 3 FPA support fixtures to within a	1		14SEP10	14SEP10	0	2,752.32
S-6-11.04A		Design platforms to access type-C flanges	20	NO	03MAY10*	28MAY10	68	12,355.00
S-6-11.04B		Fabricate	5		07SEP10	13SEP10	0	20,250.80
S-6-11.04C		Install	1	2	14SEP10	14SEP10	0	6,841.64
S-6-11.04		Locate outboard shims (3 top / 3 bottom) each of	2	2	15SEP10	16SEP10	0	8,256.96
S-6-11.051		Design/spec camera system	20	NO	14APR10*	11MAY10	67	8,526.00
S-6-11.052		Procure camera system	20		11JUN10*	09JUL10	46	0.00
S-6-11.053		Train technicians on camera system	2		15SEP10	16SEP10	0	6,841.64
S-6-11.05		Return 3FPA support fixt to installed position.	3	NO	17SEP10	21SEP10	0	8,256.96
S-6-11.06		Install studs supernuts shimmed locations; torqu	2	2	22SEP10	23SEP10	0	17,850.92
S-6-11.08		"wiggle" test) on shims. Tighten bolt and reche	4	2	24SEP10	29SEP10	0	35,701.84
S-6-11.07		Measure the C-C gap at each puck locations	3	2	30SEP10	04OCT10	0	15,522.00
S-6-11.09		Metrology measurements of all periods.	1	2	05OCT10	05OCT10	0	3,196.80
S-6-11.1A		Back office input on new shim sizes	1	2	06OCT10	06OCT10	0	0.00
S-6-11.1B		Loosen hardware and install new shims	2	2	07OCT10	08OCT10	0	8,675.52
S-6-11.1C		Install studs and supernuts torque to 50%	2	2	11OCT10	12OCT10	0	17,351.04
S-6-11.1D		"wiggle" test on shims Tighten bolts and reche	4	2	13OCT10	18OCT10	0	38,373.44
S-6-11.1E		measure the C-C gap at puck locations	3	2	19OCT10	21OCT10	0	18,520.32
S-6-11.1F		metrology measurements	1	2	22OCT10	22OCT10	0	5,032.48
S-6-11.11		Remove hardware return Period to retracted posi	1	2	25OCT10	25OCT10	0	10,511.20
S-6-11.12		Assemble all inboard shim pucks	2	2	26OCT10	27OCT10	0	6,173.44
S-6-11.13		inboard retaining plate&shim pucks 1 "C" interf	1	2	28OCT10	28OCT10	0	6,173.44
12.0 - Install Remaining TF Coils								
S-6-12.01A		Design and fabricate temporary TF supports.	30		14JUN10*	26JUL10	67	24,457.60
S-6-12.01		Install TF coils at each end with full TF suppor	6		29OCT10	05NOV10	0	17,351.04
S-6-12.02		align to fiducials on MC locking into minimum of	4	NO	08NOV10	11NOV10	0	8,524.80
S-6-12.03		Position FP1 TF coils so they are properly align	3	NO	12NOV10	16NOV10	0	15,069.12
S-6-12.04		Secure FP1 TF coils in place to measure the oute	4	NO	17NOV10	22NOV10	0	14,308.48
S-6-12.05		measure the interfacing FP1 TF surfaces	2	NO	23NOV10	24NOV10	0	7,914.88



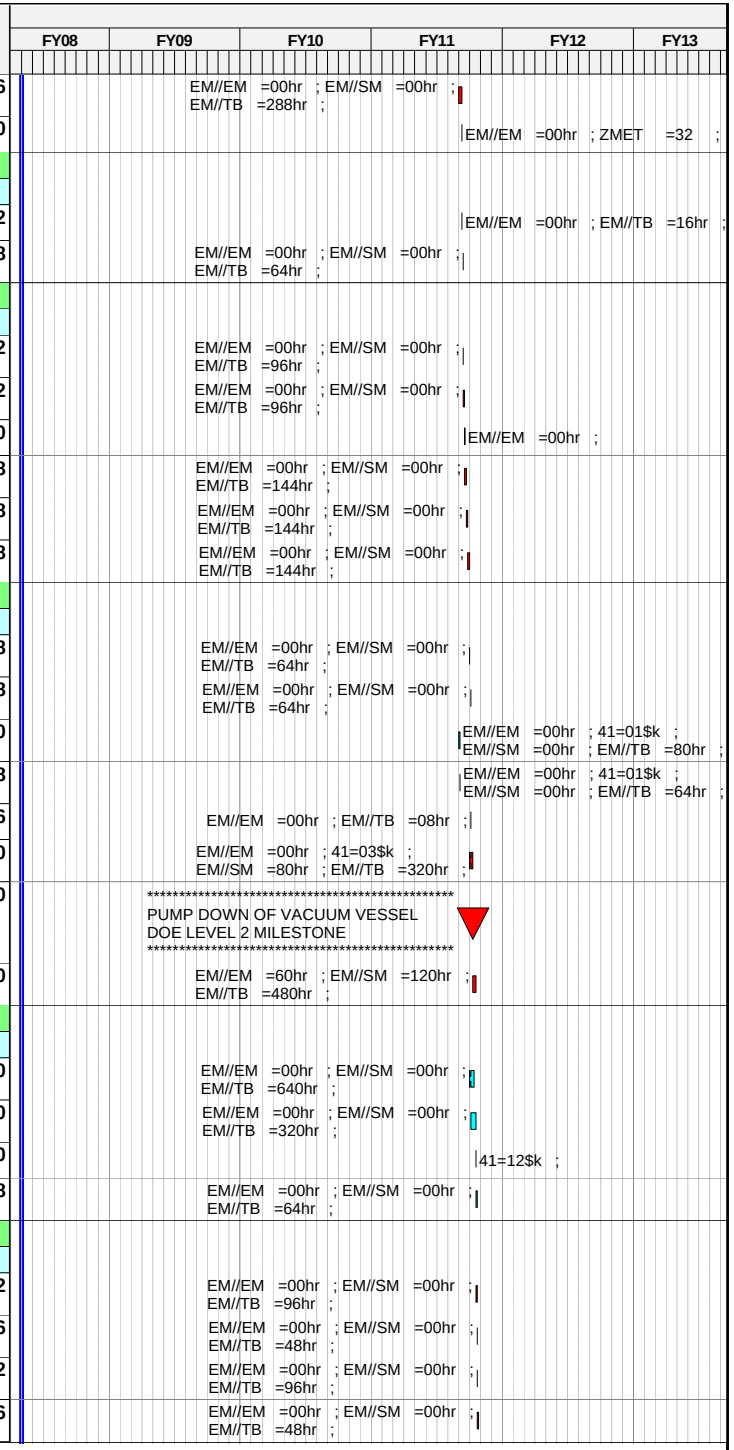
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
S-6-12.06		retract TF coil outward FP1 as far as possible	1	2	29NOV10	29NOV10	0	8,523.68
S-6-12.07A		On Period 2 install TF coils at each end	2	2	30NOV10	01DEC10	0	11,567.36
S-6-12.07B		Align FP2 TF to fiducials on the MC locking into	2	2	02DEC10	03DEC10	0	8,524.80
S-6-12.07C		Position FP2 TF coils so they are properly align	2	2	06DEC10	07DEC10	0	15,069.12
S-6-12.07D		Secure FP2 TF coils in place to inspect and meas	2	2	08DEC10	09DEC10	0	14,308.48
S-6-12.07E		Measure interfacing Period 2 TF surfaces and the	1	2	10DEC10	10DEC10	0	7,914.88
S-6-12.07F		Retract FP2 TF coil outward as far as possible	1	2	13DEC10	13DEC10	0	8,523.68
S-6-12.08A		On Period 3 install TF coils at each end	2	2	14DEC10	15DEC10	0	11,567.36
S-6-12.08B		Align FP3 TF to fiducials on the MC locking into	2	2	16DEC10	17DEC10	0	8,524.80
S-6-12.08C		Position FP3 TF coils so they are properly align	2	2	20DEC10	21DEC10	0	15,069.12
S-6-12.08D		Secure FP3 TF coils in place to inspect and meas	2	2	22DEC10	23DEC10	0	14,308.48
S-6-12.08E		Measure interfacing Period 3 TF surfaces and the	1	2	03JAN11	03JAN11	0	7,914.88
S-6-12.08F		Retract FP3 TF coil outward as far as possible	1	2	04JAN11	04JAN11	0	8,523.68
13.0 - Install PF-4 Lwr & Solenoid suprt column								
S-6-13.01		Place PF-4 lower in temp position	1	2	05JAN11	05JAN11	0	685.00
S-6-13.02		Temporarily place lower TF centering disks	1	2	05JAN11	05JAN11	0	722.96
14.0 - Move all Periods to installed position								
S-6-14.01		install the local platforms between each Period	1	2	06JAN11	06JAN11	0	8,675.52
S-6-14.02		Install spool support stand and spool on platfo	1	2	07JAN11	07JAN11	0	2,891.84
S-6-14.03		Install a camera for viewing the VV / spool inte	1	2	10JAN11	10JAN11	0	1,445.92
S-6-14.04		verify each Period in proper orientation metr ch	1	2	10JAN11	10JAN11	0	4,262.40
S-6-14.05		bring all three FPA & three spacers (spool piece	2	2	11JAN11	12JAN11	0	8,675.52
7503-412M	2	Move FPA's & spacers together/chk fitup complete	0	2		12JAN11	0	0.00
S-6-14.06A		Design platform	20		19AUG10*	16SEP10	69	0.00
S-6-14.06B		Fabricate platform	6		01OCT10*	08OCT10	59	39,271.04
S-6-14.06		Install local platforms access C-C interface	1	2	12JAN11	12JAN11	0	10,045.52
S-6-14.07		re-install C-C shims Bring Periods final positio	2	2	13JAN11	14JAN11	0	8,675.52
S-6-14.08		"wiggle" test Tighten bolt and recheck.	4	2	17JAN11	20JAN11	0	34,702.08
S-6-14.09		Make shim adjustments if needed.	2	2	21JAN11	24JAN11	0	9,590.40



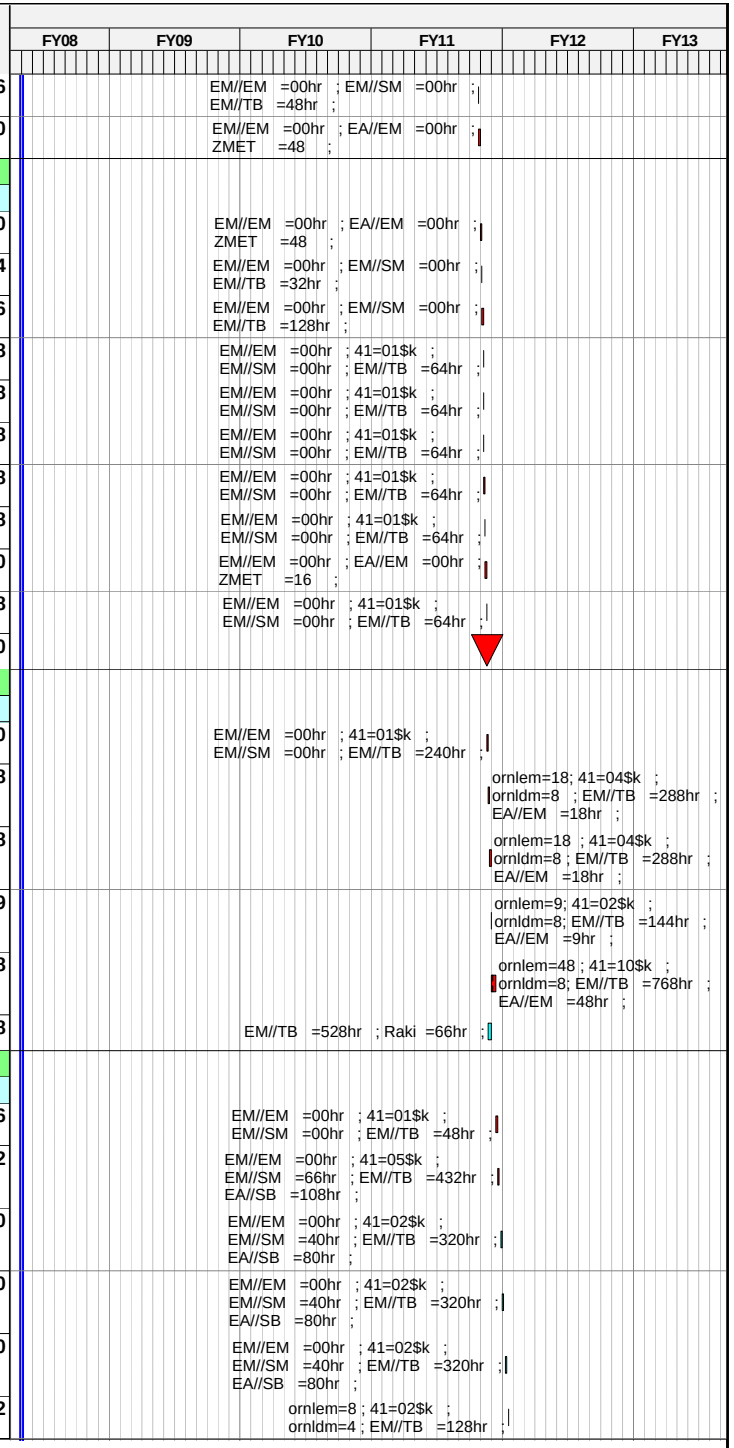
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
S-6-14.09A		Back office input on new shim sizes	1	2	25JAN11	25JAN11	0	0.00
S-6-14.09B		Loosen hardware and install new shims	4	2	26JAN11	31JAN11	0	26,026.56
S-6-14.10A		Design platform	20	NO	16AUG10*	13SEP10	72	9,884.00
S-6-14.10B		Fabricate platform	10		18OCT10*	29OCT10	48	42,618.40
S-6-14.1		Install local support platform in the solenoid	2	2	13JAN11	14JAN11	3	11,567.36
S-6-14.11		Install remaining shims, studs supernuts torque	4	2	17JAN11	20JAN11	3	34,702.08
S-6-14.12		"wiggle" test (rotate on bolt) Tighten bolt a	4	2	21JAN11	26JAN11	3	34,702.08
S-6-14.13		Install bushing. Replace nut and tighten back t	11	2	01FEB11	15FEB11	0	174,938.72
S-6-14.14A		Torquing C-C	1	2	16FEB11	16FEB11	0	8,675.52
S-6-14.14B		Sealing C-C	2	2	17FEB11	18FEB11	0	5,783.68
S-6-14.14C		Retorque C-C all super-nuts after 30 days	3	2	17MAR11	21MAR11	50	26,026.56
S-6-14.15		Measure the tooling balls on all Periods.	2	2	21FEB11	22FEB11	0	6,393.60
S-6-14.16		Determ level sequence lowering machine on final	1	2	23FEB11	23FEB11	0	0.00
15.0 - Move VV Period to final position and Weld								
S-6-15.01		Secure VV into its final installed position.	3	2	24FEB11	28FEB11	0	39,499.44
S-6-15.02A		Design and fabricate clips	20	NO	26OCT10*	22NOV10	62	12,565.80
S-6-15.02B		Develop weld procedure and qualify it.	20	NO	29NOV10*	03JAN11	40	9,969.60
S-6-15.02		properly position each spool pieces	6	NO	01MAR11	08MAR11	0	17,351.04
S-6-15.03		Remove each spool support stand.	2	2	09MAR11	10MAR11	0	8,675.52
S-6-15.04A		Move FPAs to final position	1	2	11MAR11	11MAR11	0	10,046.08
S-6-15.04B		Weld vacuum vessel spool pieces (1st shift)	30	NO	14MAR11	22APR11	0	178,084.80
S-6-15.04M	2	Vacuum Vessel Welding complete (3 FP's)	0	NO		22APR11	0	0.00
S-6-15.04C		Leak check / inspect spool piece welds (2nd shi	15	NO	05APR11	25APR11	24	65,066.40
S-6-15.04D		Weld port 4s (1st shift)	24	NO	25APR11	26MAY11	0	116,441.28
S-6-15.04E		Leak check / inspect port 4s welds (2nd shift)	8	NO	18MAY11	27MAY11	0	17,351.04
S-6-15.05		Remove all temporary vertical VV support rods	1	2	31MAY11	31MAY11	0	5,783.68
S-6-15.06		Place boots on all three spool ports	1	2	01JUN11	01JUN11	77	1,445.92
S-6-15.07		Secure VV horizontal supports at each NB port.	1	2	01JUN11	01JUN11	22	1,445.92
16.0 - Move TF Coils to final position								
S-6-16.01		secure TF centering disk to the MC.	1	2	01JUN11	01JUN11	0	2,891.84
S-6-16.02		Align TF centering disks and secure to MC she	1	2	02JUN11	02JUN11	0	3,577.12



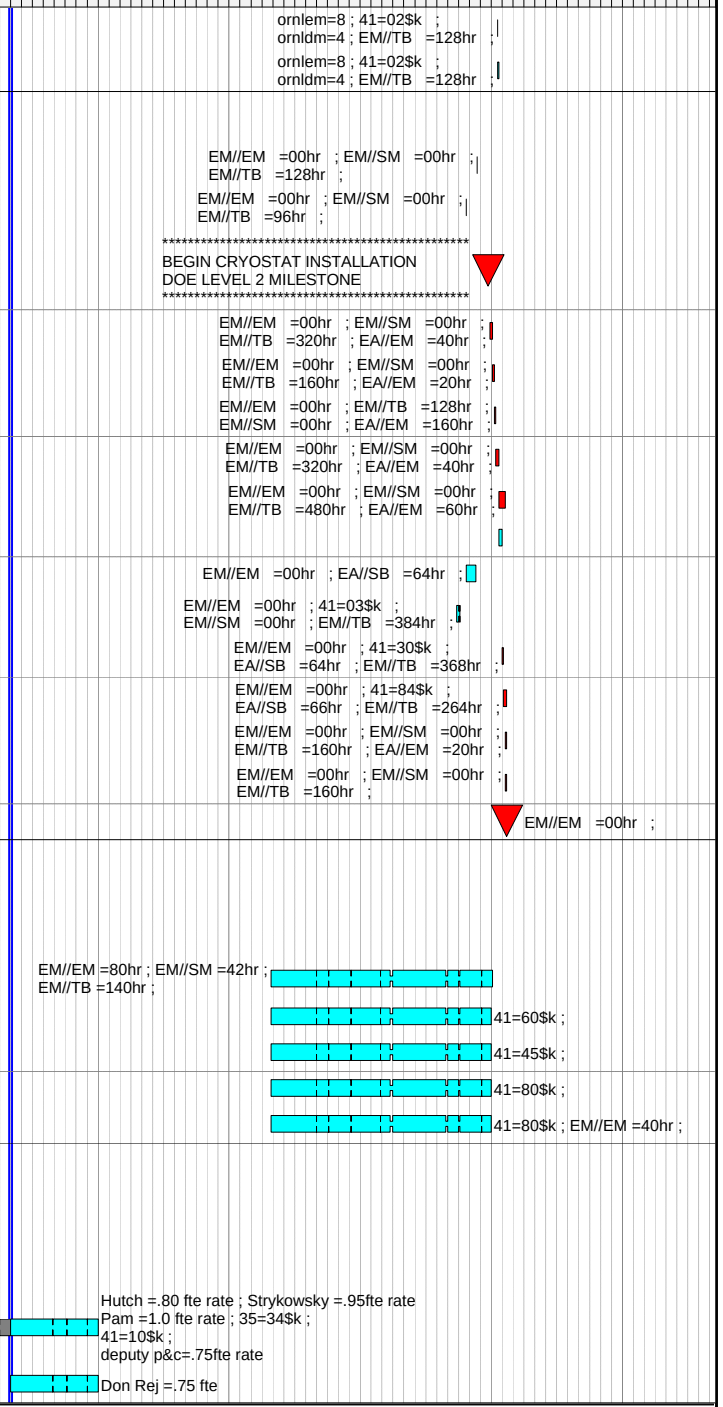
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
S-6-16.03		Pull / push TF coils are into wedged position.	4	2	03JUN11	08JUN11	0	26,026.56
S-6-16.04		Align fiducials on the MCs measure talignment of	1	2	09JUN11	09JUN11	0	4,262.40
17.0 - Install Lower PF Colis								
S-6-17.01		Remove the PF access plates from the carts	1	2	10JUN11	10JUN11	0	1,445.92
S-6-17.02		Raise PF5,6 and install off lower PF support str	1	2	13JUN11	13JUN11	0	5,783.68
18.0 - Transfer Weight to Final Machine Supports								
S-6-18.01		Install final machine structures at each of "C-C	2	NO	14JUN11	15JUN11	0	8,675.52
S-6-18.02		Install local machine support fittings	2	NO	16JUN11	17JUN11	0	8,675.52
S-6-18.03		Obtain Wedgemount leveling sequence	0		20JUN11	17JUN11	0	0.00
S-6-18.04		Transfer machine weight fromtemp supports to fin	3	NO	20JUN11	22JUN11	0	13,013.28
S-6-18.05		Retract & remove the FPA support stands and cart	3	NO	23JUN11	27JUN11	0	13,013.28
S-6-18.06		Install inboard machine supports at the "A-A" in	3	NO	28JUN11	30JUN11	0	13,013.28
19.0 - Vacuum Pump System								
S-6-19.01		Install the NB transition duct on Period 1.	1	2	01JUL11	01JUL11	1	5,783.68
S-6-19.02		Install vacuum system off Period 1 NB transition	1	2	05JUL11	05JUL11	2	5,783.68
S-6-19.03		Install pumping rack in Period 1 area near pump	3	2	01JUN11*	03JUN11	19	8,599.60
S-6-19.04		Perform A/C pwr connections&pump sys RGA / IG ho	2	2	06JUN11	07JUN11	19	7,153.68
S-6-19.05		Install gas injection sys on upper port 12 on Pe	1	2	06JUL11	06JUL11	2	722.96
S-6-19.06		Install E-Beam mapping and diagnostic equipment	5	2	01JUL11	08JUL11	0	44,972.40
7503-250	2	Begin Vac Vsl Pumpdown	0	2		08JUL11	0	0.00
S-6-19.07		Pumpdown vacuum vessel & perform full leakcheck	8	2	11JUL11	20JUL11	0	71,853.00
20.0 - MC/VVSA Annulus insulation fill								
S-6-20.01		Recheck VV penetrations to assure seals in place	10	2	01JUL11	15JUL11	46	57,836.80
S-6-20.02A		Design & install feed tubes f/aerogel distributi	10	2	06JUL11	19JUL11	43	28,918.40
S-6-20.0B		Procure agitators assure compl fill of aerogel	1	2	20JUL11	20JUL11	43	16,440.00
S-6-20.02		Fill MC / VVSA annulus with pourable aerogel ins	2	NO	21JUL11	22JUL11	43	5,783.68
21.0 - Instl Remaining Trim Coils & Mag struct								
S-6-21.01		Install 4 horiz trim coils (2 top 2 bottom) eac	1	2	21JUL11	21JUL11	0	8,675.52
S-6-21.02		Temporary secure (slanted) trim coils	1	2	22JUL11	22JUL11	0	4,337.76
S-6-21.03		Install magnet systems support structure off TF	1	2	25JUL11	25JUL11	0	8,675.52
S-6-21.04		Attach the trim coils to the magnet system struc	1	2	26JUL11	26JUL11	0	4,337.76



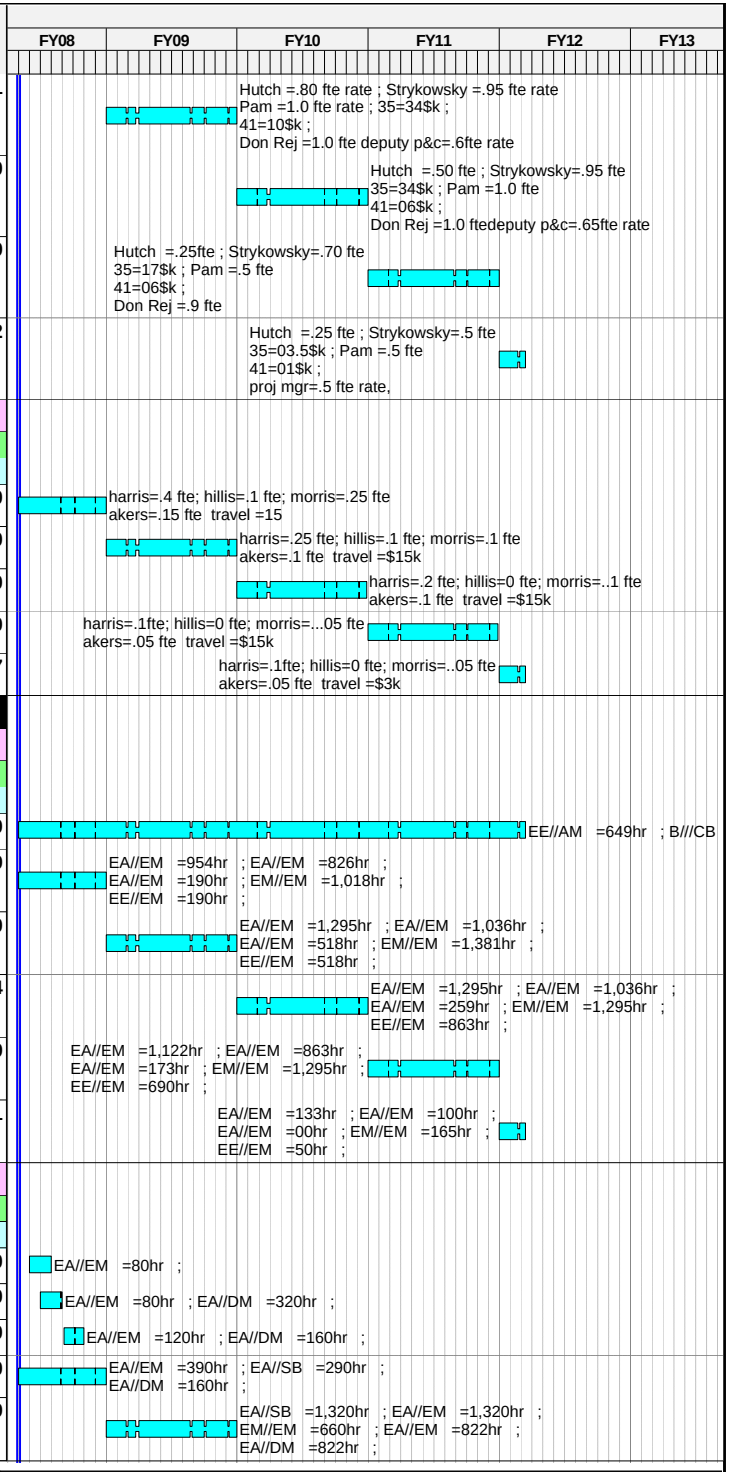
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
S-6-21.05		Attach channel structure behind TF coil located	1	2	27JUL11	27JUL11	0	4,337.76
S-6-21.06		Perform metrology measurements new trim coils i	3	NO	28JUL11	01AUG11	0	6,393.60
22.0 - Install solenoid & Remaining PF Coils								
S-6-22.01		Locate laser tracker system on floor	2	2	02AUG11	03AUG11	0	6,393.60
S-6-22.03		Install solenoid central support column	1	2	04AUG11	04AUG11	0	2,891.84
S-6-22.04		Lower solenoid assy and secure	2	2	05AUG11	08AUG11	0	11,567.36
S-6-22.05		Install PF-4 lower	1	2	09AUG11	09AUG11	0	7,153.68
S-6-22.06		Install PF-5 upper.	1	2	10AUG11	10AUG11	0	7,153.68
S-6-22.07		Install PF-6 upper.	1	2	11AUG11	11AUG11	0	7,153.68
S-6-22.08		Align PF-5 lower and secure in place.	1	2	12AUG11	12AUG11	0	7,153.68
S-6-22.09		Align PF-6 lower and secure in place.	1	2	15AUG11	15AUG11	0	7,153.68
S-6-22.1		Install laser tracker to align PF-4 upper	1	2	16AUG11	16AUG11	0	2,131.20
S-6-22.11		Install PF-4 upper; align and secure in place.	1	2	17AUG11	17AUG11	0	7,153.68
S-6-22.11M	2	ALL PF Coils Installed	0	2		17AUG11	0	0.00
23.0 - Instl/Route Mag Leads to Transition Box								
S-6-23.00C		Install transition boxes	3	2	18AUG11	22AUG11	0	23,058.80
S-6-23.01		Support and route all TF leads.	3	2	23AUG11	25AUG11	0	39,171.78
S-6-23.02		Support and route all MC leads.	3	2	26AUG11	30AUG11	0	39,171.78
S-6-23.03		Support and route all PF leads to the designated	2	2	31AUG11	01SEP11	0	20,039.09
S-6-23.04		Support and route all trim coil leads.	8	2	02SEP11	14SEP11	0	102,034.08
S-6-23.5		Install and route all magnet leads from transiti	5	2	23AUG11	29AUG11	11	59,735.28
24.0 - Install LN2 and I&C Services								
S-6-24.01		Run Rogowski lead cabled at spool piece port to	2	2	15SEP11	16SEP11	0	5,707.76
S-6-24.05		grounding wires to single ground point in cryost	5	2	19SEP11	23SEP11	0	69,763.12
S-6-24.02B		Run I&C from PF to transition box	5	2	26SEP11	30SEP11	10	48,015.20
S-6-24.03B		Run I&C from TF to transition box	5	2	03OCT11	07OCT11	10	52,159.60
S-6-24.04B		Run I&C from MC to transition box	5	2	10OCT11	14OCT11	10	52,159.60
S-6-24.02A		Run LN2 lines to PF	2	2	17OCT11	18OCT11	10	17,340.12



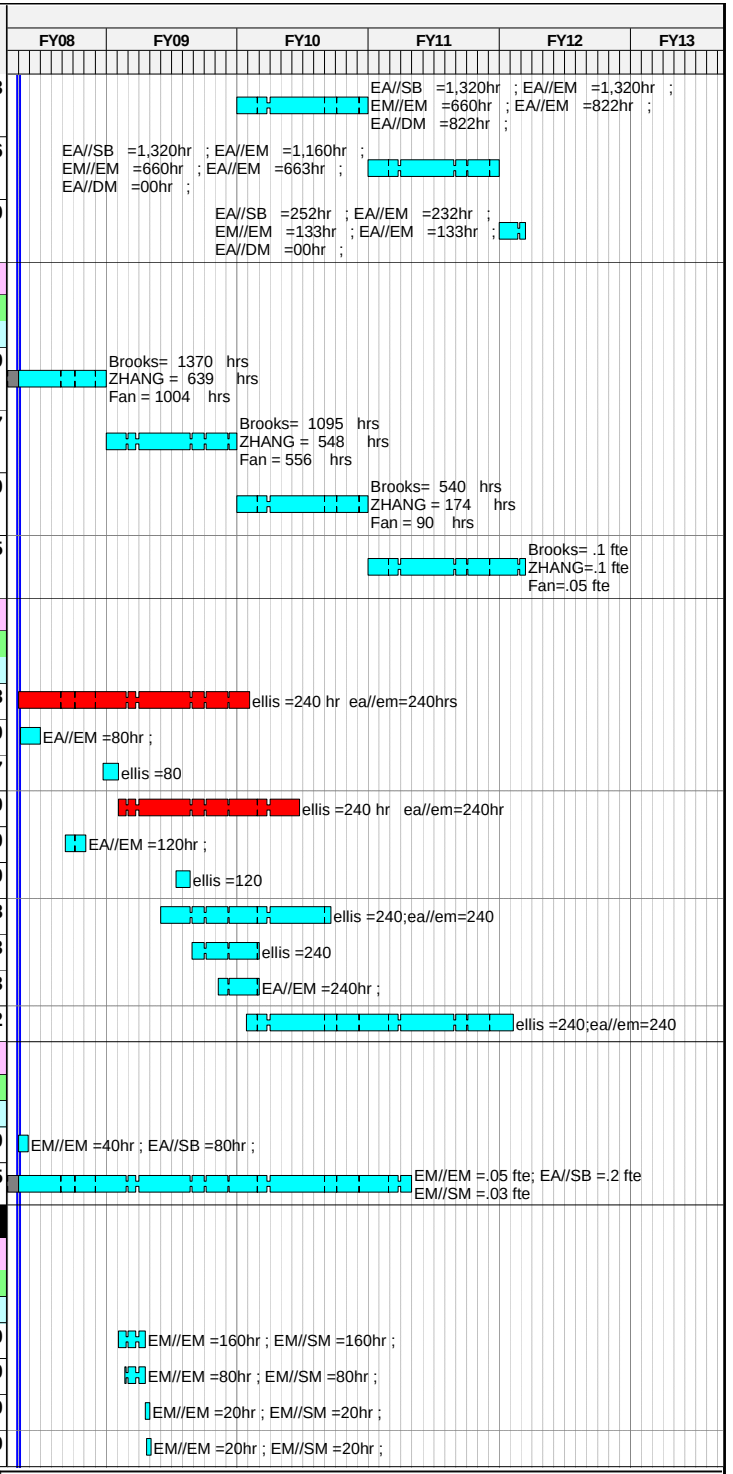
Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
S-6-24.03A		Run LN2 lines to TF	2	2	19OCT11	20OCT11	10	17,340.12
S-6-24.04A		Run LN2 lines to MC	2	2	21OCT11	24OCT11	10	17,340.12
25.0 thru 35.0 - Cryostat,NB duct & I&C Routing								
S-6-25		Install NB transition duct Period 2 and 3	2	2	23AUG11	24AUG11	57	11,567.36
S-6-26		Install thermal insulation on all Port 4s	1	2	25JUL11	25JUL11	43	8,675.52
7503-330	2	Begin Cryostat Installation	0	2		23SEP11	0	0.00
S-6-29.1		Install cryostat base, vapor barrier, port boots	7	NO	26SEP11	04OCT11	0	37,977.14
S-6-29.2		Install power, LN2 and I&C feedthrus	4	NO	05OCT11	10OCT11	0	20,178.00
S-6-29.3		Install cryostat cooling system and instrumentat	3	NO	11OCT11	13OCT11	0	47,952.00
S-6-29.4		Install cryostat midplane and port boots	7	NO	14OCT11	24OCT11	0	40,356.00
S-6-29.5		Install cryostat upper section and port boots	11	NO	25OCT11	08NOV11	0	60,534.00
S-6-31		Final LN2 connections to supplies.(incl in 6201)	5	2	25OCT11	31OCT11	10	0.00
S-6-32.1		Design I&C tray system in NCTC	20	NO	25JUL11*	19AUG11	50	8,307.84
S-6-35		Install all remaining test cell platforms	6	2	28JUN11	06JUL11	92	38,812.08
S-6-32.2		Install I&C tray system in NCTC	4	2	01NOV11	04NOV11	0	87,482.72
S-6-32.5		Install cable extensions from cryostat to J-boxe	6	2	07NOV11	14NOV11	0	153,445.68
S-6-29.6		Install cryostat circulation duct	4	NO	09NOV11	14NOV11	0	20,178.00
S-6-33		Connect 150 C bakeout system	5	2	08NOV11	14NOV11	0	15,760.00
S-6-36		Begin Startup Testing	0			14NOV11	0	0.00
76 - Tooling Design & Fabrication								
Job: 7601 - Tooling Design & Fabrication-PERRY								
713.020		Lab Fab/Assy/Installation	427	1	25JAN10*	03OCT11	773	32,352.69
713.030		Tooling,assy fixtures,misc equipt	426	1	25JAN10*	30SEP11	61	81,381.97
713.040		General procurements	426	1	25JAN10*	30SEP11	61	61,036.48
713.050		Welding tools, materials & equipt	426	1	25JAN10*	30SEP11	61	108,509.30
713.060		Torque wrenches and multipliers	426	1	25JAN10*	30SEP11	61	115,408.76
8 - Project Oversight and Support								
81 - Project Management and Control								
Job: 8101 - Project Management &Control-ANDERSON								
810.900		Project Management Office PPPL FY08 (LOE)	250*		01OCT07A	30SEP08	1,521	538,668.19
810.9005		Project Management Office PPPL FY08 (PM.LOE)	170*		01FEB08*	30SEP08	1,521	336,100.00



Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
810.901		Project Management Office PPPL FY09 (SA LOE)	249*		01OCT08*	30SEP09	974	1,251,262.61
810.909		Project Management Office PPPL FY10 (LOE)	248		01OCT09	30SEP10	974	1,177,516.10
810.909A		Project Management Office PPPL FY11 (LOE)	249		01OCT10*	29SEP11	775	740,665.49
810.910		Project Management Office PPPL FY12 (LOE)	50*		03OCT11*	13DEC11	724	118,710.92
Job: 8102 - NCSX MIE Management ORNL-LYON								
810.105XX		Project Management Office ORNL FY08 (LOE)	170*		31JAN08*	29SEP08	1,522	217,087.70
810.105Z		Project Management Office ORNL FY09 (LOE)	247*		01OCT08*	28SEP09	1,274	196,542.90
810.106X		Project Management Office ORNL FY10 (LOE)	246*		01OCT09*	28SEP10	1,026	142,258.20
810.106XA		Project Management Office ORNL FY11 (LOE)	248*		01OCT10*	28SEP11	776	82,274.70
810.106Z		Project Management Office ORNL FY12 (LOE)	50*		03OCT11*	13DEC11	724	17,275.37
82 - Project Engineering								
Job: 8202 - Engr Mgmt & Sys Eng Sprt-HEITZENROED								
8205DC		document control & admin support	968*		31JAN08*	13DEC11	724	125,534.40
8205FY08.2		Engr mgt & systems engr FY08	171*		31JAN08*	30SEP08	1,521	535,606.79
8205FY09		Engr mgt & systems engr FY09	249*		01OCT08*	30SEP09	1,272	845,982.20
8205FY10		Engr mgt & systems engr FY10	248*		01OCT09*	30SEP10	1,024	866,120.24
8205FY11		Engr mgt & systems engr FY11	250*		01OCT10*	30SEP11	774	790,953.29
8205FY12		Engr mgt & systems engr FY12	50*		03OCT11*	13DEC11	724	92,722.71
Job: 8203 - Design Integration-BROWN								
8203FY08-1		Service routing within cryostat & TC	46*		29FEB08*	02MAY08	1,625	14,168.00
8203FY08-2		Facility models update&integration	43		02APR08*	02JUN08	1,605	51,006.40
8203FY08-3		Cryostat design rvw & integration update	41		05JUN08*	01AUG08	1,562	39,671.20
8203FY08-4		General integration activities	170*		01FEB08*	30SEP08	1,521	120,382.90
8203FY09.2		FY09	249*		01OCT08*	30SEP09	1,272	767,277.69



Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
8203FY10.2		FY10	248*		01OCT09*	30SEP10	1,024	789,689.43
8203FY11.2		FY11	250*		01OCT10*	30SEP11	774	656,821.56
8203FY12.2		FY12	50*		03OCT11*	13DEC11	724	141,515.10
Job: 8204 - Systems Analysis-BROOKS								
8204-FY08X		Systems Analysis, studies & tech assurance FY08	250*		01OCT07A	30SEP08	1,521	364,985.39
8204-FY09		Systems Analysis, studies & tech assurance FY09	249*		01OCT08*	30SEP09	1,272	412,158.57
8204-FY10		Systems Analysis, studies & tech assurance FY10	248*		01OCT09*	30SEP10	1,024	155,091.60
8204-FY11		Systems Analysis, studies & tech assurance FY11	300*		01OCT10*	13DEC11	724	101,829.75
Job: 8205 - Dimensional Control Coordin-ELLIS								
METFY08R		Support FPA Station 2	444*		31JAN08	03NOV09	0	88,198.68
METDCP-3	3	Dimensional control plans for station 3	40		05FEB08	31MAR08	163	26,210.80
STAT3 PREP		Station 3 preparations	30		24SEP08	04NOV08	84	14,856.67
METFY08RX		Support FPA Station 3	339*		05NOV08	24MAR10	0	90,857.10
METDCP-5	3	Dimensional control plans for station 5	40		11JUN08	06AUG08	195	21,252.00
STAT5PREP		Station 5 preparations	30		13APR09	22MAY09	84	22,491.60
METFY09		Support FPA Station 5	325		02MAR09	17JUN10	44	91,380.18
STAT6PREP		Station 6 preparations	130		29MAY09	02DEC09	45	45,417.43
METDCP-6	3	Dimensional control plans for station 6	80		10AUG09	02DEC09	45	45,688.83
METFY10		Support Final Machine Assy station 6	508		27OCT09*	09NOV11	746	95,643.02
Job: 8215 Plant Design								
FY07 Rebaseline Exercise								
8210-07		Update plant model	19		31JAN08	26FEB08	1,673	15,225.60
8210-08		Plant Design	826*		01OCT07A	31JAN11	945	185,670.65
85 - Integrated Systems Testing								
Job: 8501 - Integrated Systems Testing-GENTILE								
Startup Documentation								
Y								
8501-101		SAD NCSX Safety Assessment Document (SAD)	45		03NOV08*	15JAN09	454	48,131.20
8501-129		NCSX-XX, Administrative Control of Procedures	30		24NOV08	15JAN09	440	24,065.60
8501-133		OP-AD-39, Conduct of Operations	10		16JAN09	29JAN09	440	6,016.40
8501-137		OP-AD-56, Cntrl Equipt & Syst Status (chain of c	10		23JAN09	05FEB09	440	6,016.40



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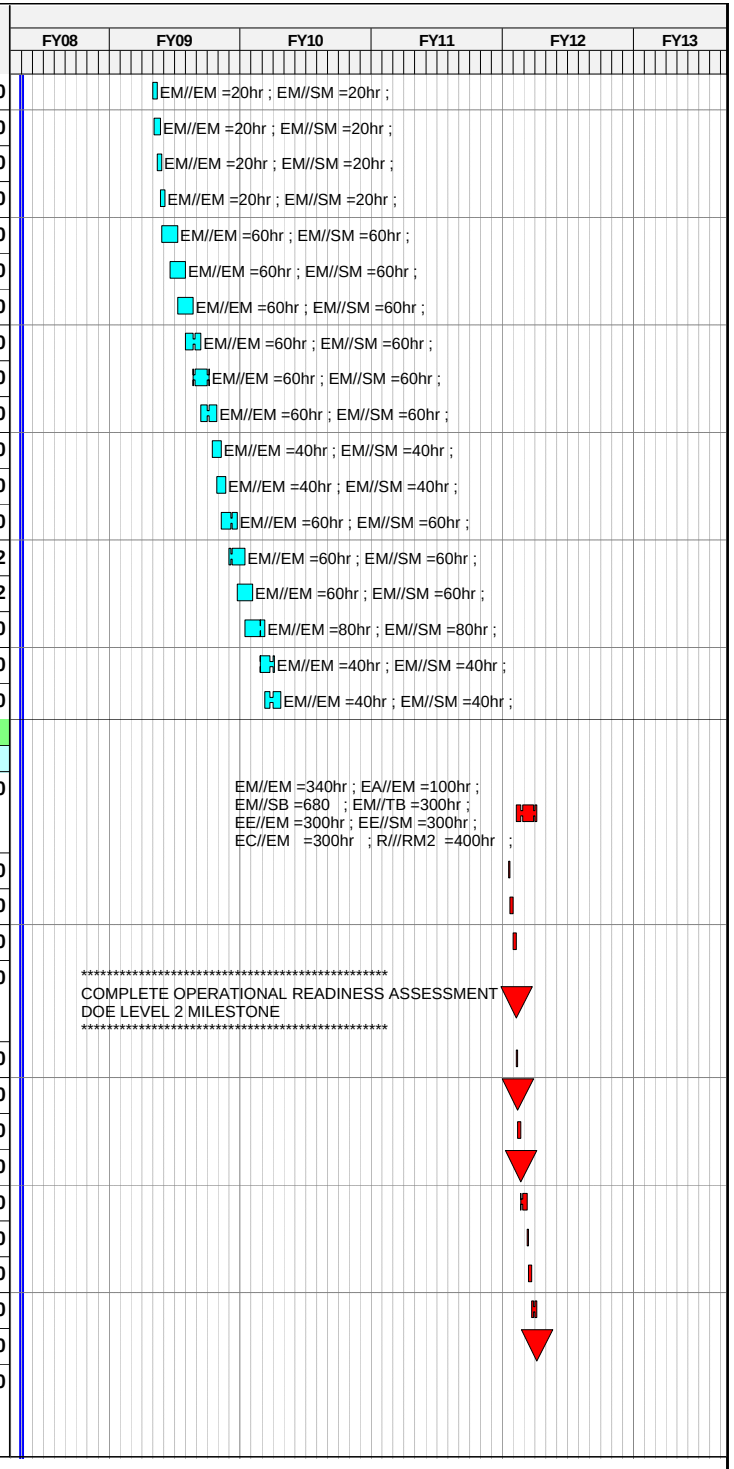
8501-141		OP-AD-24, Cntrl Workplace Cleanliness D-Site Exp	10		30JAN09	12FEB09	440	6,016.40
8501-145		OP-AD-31, D- Site Fire Watch Requirements	10		06FEB09	19FEB09	440	6,016.40
8501-149		OP-AD-03, Experimental Proposals for NCSX	10		13FEB09	26FEB09	440	6,016.40
8501-153		OP-AD-117 Operation of the NCSX Access System	10		20FEB09	05MAR09	440	6,016.40
8501-157		NCSX-OP-XX, Prep of Exper Areas for Machine Ops	30		27FEB09	09APR09	440	18,049.20
8501-161		NCSX-OP-XX, Operation of the NCSX TVPS	30		20MAR09	30APR09	440	18,049.20
8501-165		NCSX-OP-XX, Testing NCSX HIS Safe for Access	30		10APR09	21MAY09	440	18,049.20
8501-169		NCSX-OP-XX, Testing the NCSX Emergency Stop	30		01MAY09	12JUN09	440	18,049.20
8501-173		NCSX-OP-XX, NCSX Training Matrix	30		22MAY09	06JUL09	440	18,049.20
8501-177		NCSX-OP-XX, NCSX Ops Guide -Startup and	30		15JUN09	27JUL09	440	18,049.20
8501-181		NCSX-OP-XX, HPP Daily Operations	20		14JUL09	10AUG09	440	12,032.80
8501-185		NCSX-OP-XX, ACP & PDP Trip Control Settings	20		28JUL09	24AUG09	440	12,032.80
8501-189		NCSX-OP-G-XX Preparation for NCSX pumpdown	30		11AUG09	22SEP09	440	18,049.20
8501-193		NCSX-OP-XX Helium H/C System Operations	30		01SEP09	13OCT09	440	18,207.42
8501-197		NCSX-OP-G-XX Daily Hi-Pot Test Vacuum Vessel	30		23SEP09	03NOV09	440	18,471.12
8501-201		ISTP-NCSX-01 Coil EnergizationTests	40		14OCT09	10DEC09	440	24,768.80
8501-205		OP-ECS-245 FCPC Daily Startup/Shutdown	20		25NOV09	05JAN10	440	12,384.40
8501-209		NCSX-XX Leak Checking of NCSX	20		11DEC09	19JAN10	440	12,384.40
Start-up								
920.000		Startup Personnel	35	1	08NOV11	05JAN12	0	449,669.60
8501-102		Punch list & CSIS & HIS PTP's complete,	5	1	18OCT11	24OCT11	0	0.00
8501-103		PTP's complete for ECS,HCS,vac pmpg	5	1	25OCT11	31OCT11	0	0.00
8501-104		ACC review and ORA	5	1	01NOV11	07NOV11	0	0.00
730.1250	2	PSO Operational Readiness Assessment	0	1		07NOV11	0	0.00
8501-301		Configure for Startup ISTP	5	1	08NOV11	14NOV11	0	0.00
8501-304	2	Begin Start-up Testing	0	1		14NOV11	0	0.00
8501-305		Coil Testing at room temp	5	1	15NOV11	21NOV11	0	0.00
730.8200M	2	Cooldown of Machine	0	2		21NOV11	0	0.00
8501-106		Machine cool down and cold test coils	10	1	22NOV11	07DEC11	0	0.00
8501-107		Combined field testing, Make 1st Plasma	5	1	08DEC11	14DEC11	0	0.00
8501-108		Vent VV, Config for & instl e-beam mapping	5	1	15DEC11	21DEC11	0	0.00
8501-306		E-beam mapping	5	1	22DEC11	05JAN12	0	0.00
8501-110	1	NCSX Startup Complete	0	1		05JAN12	0	0.00
730.9000	1	CD-4	0	1		31JUL13*	0	0.00



Activity ID	MILE -STONE LEVEL	Activity Description	Duration (work days	SHIFTS	Forecast Start	Forecast Finish	Total Float	Cost to Complete from 2/1/08
Allocations								
99 - PPPL Allocations								
Job: 8998 - Allocations-STRYKOWSKY								
99.08		**PPPL Allocations FY08 LOE**	**249***		*01OCT07A*	*29SEP08*	***1,522***	**288,467.40**
99.081		**PPPL Allocations FY09 LOE**	**247***		*01OCT08**	*28SEP09*	***1,274***	**460,429.00**
99.09		**PPPL Allocations FY10 LOE**	**248***		*01OCT09**	*30SEP10*	***1,024***	**488,909.72**
99.09A		**PPPL Allocations FY11 LOE**	**250***		*01OCT10**	*30SEP11*	***774***	**513,607.80**
99.10		**PPPL Allocations FY12**	**50***		*03OCT11**	*13DEC11*	***724***	**178,194.50**
Contingency								
Contingency								
Contingency-Project								
Contingency								
C08		**Contingency FY08**	**170***		*31JAN08**	*29SEP08*	***1,522***	**0.00**
C09		**Contingency FY09**	**247***		*01OCT08**	*28SEP09*	***1,274***	**2,730,000.00**
C10		**Contingency FY10**	**246***		*01OCT09**	*28SEP10*	***1,026***	**3,044,000.00**
C11		**Contingency FY11**	**248***		*01OCT10**	*28SEP11*	***776***	**10,126,000.00**
C12		**Contingency FY11**	**252***		*03OCT11**	*28SEP12*	***522***	**6,510,000.00**