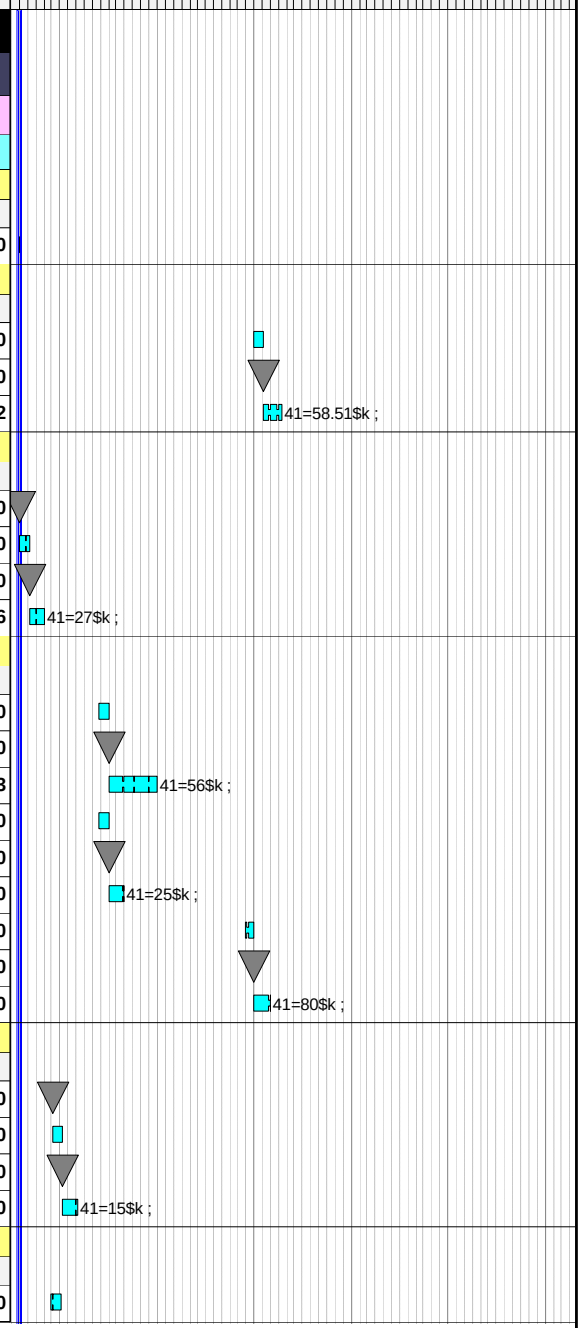
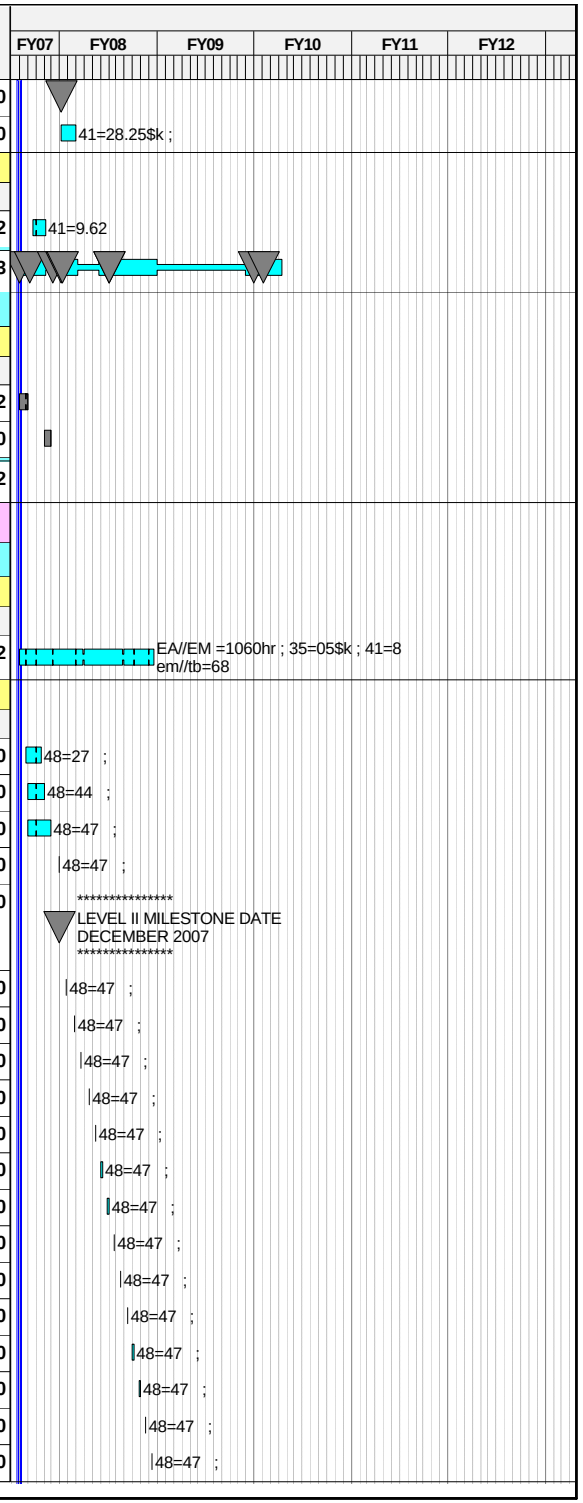
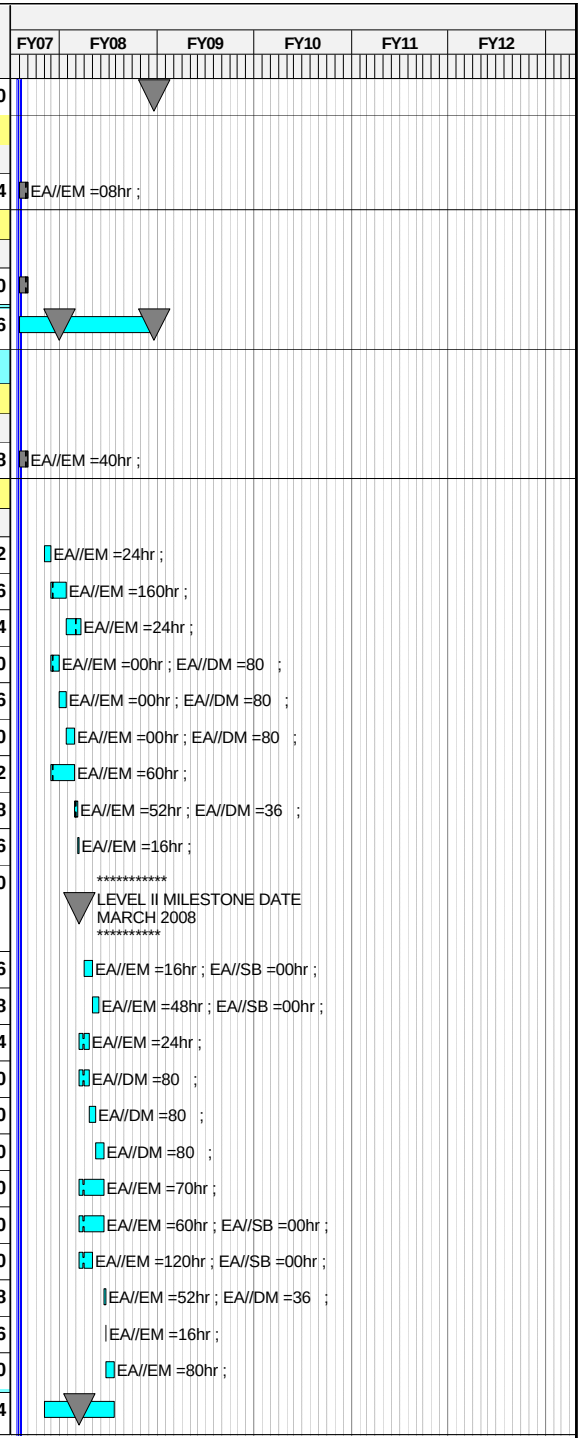
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
cc 9450 - NCSX Fabrication (MIE)								
1 - Stellarator Core Systems								
12 - Vacuum Vessel Systems								
Job: 1204 - VV Sys Procurements (nonVVSA)-DUDEK								
VV Vertical Supports								
124-037		PPPL Fab VV Vert. Sprts (log # M1091) (complet	197	01MAY07A	01MAY07A			0.00
VV Personnel Access Port & Lateral sprts								
124-110		Issue req,Bid & Award VV NB port cover	25	01OCT09*	04NOV09		81	0.00
124-120		Award VV NB port cover	0		04NOV09*		81	0.00
124-130		VV NB port cover Fabrication	40	05NOV09	13JAN10		81	83,786.32
VV Local I&C								
1204-101		Drawings Signed -Local I&C	0		01MAY07*		360	0.00
1204-105		Issue req,Bid & Award -Local I&C	25	02MAY07	06JUN07		360	0.00
1204-109		Award -Local I&C	0		06JUN07		360	0.00
1204-113		Deliver -Local I&C	40	07JUN07	02AUG07		360	34,400.96
Thermal Insulation								
123-040		Issue req,Bid & Award insul boots	25	26FEB08	31MAR08		76	0.00
123-045		Award Insulation Boots	0		31MAR08*		76	0.00
123-050		Fabricate& Deliver Insul Boots	130	01APR08	02OCT08		76	72,997.33
122-035		Issue req,Bid & Award Port Thermal Insulation	25	27FEB08	01APR08		115	0.00
122-041		Award Port Thermal Insulation	0		01APR08*		115	0.00
122-051		Deliver Port Thermal Insulation	40	02APR08	28MAY08		115	32,700.00
122-030		Issue req,Bid & Award Pourable Insulation	25	27AUG09	01OCT09		176	0.00
122-036.9		Award Pourable Insulation	0		01OCT09*		176	0.00
122-037		Deliver Pourable Insulation	40	02OCT09	30NOV09		176	114,560.00
Heater Tape for Port Stub								
1204-121		Drawings Signed Heater Tape for port stubs	0		04SEP07*		140	0.00
1204-125		Issue req,Bid & Award -Heater Tape for port stub	25	05SEP07	09OCT07		140	0.00
1204-129		Award Heater Tape for port stubs	0		09OCT07		140	0.00
1204-130		Deliver Heater Tape for port stubs	40	10OCT07	06DEC07		140	20,143.20
T/C and Heater Tape Leads								
1204-145		Issue req,Bid & Award-T/C and Heater Tape Leads	25	29AUG07	03OCT07		136	0.00



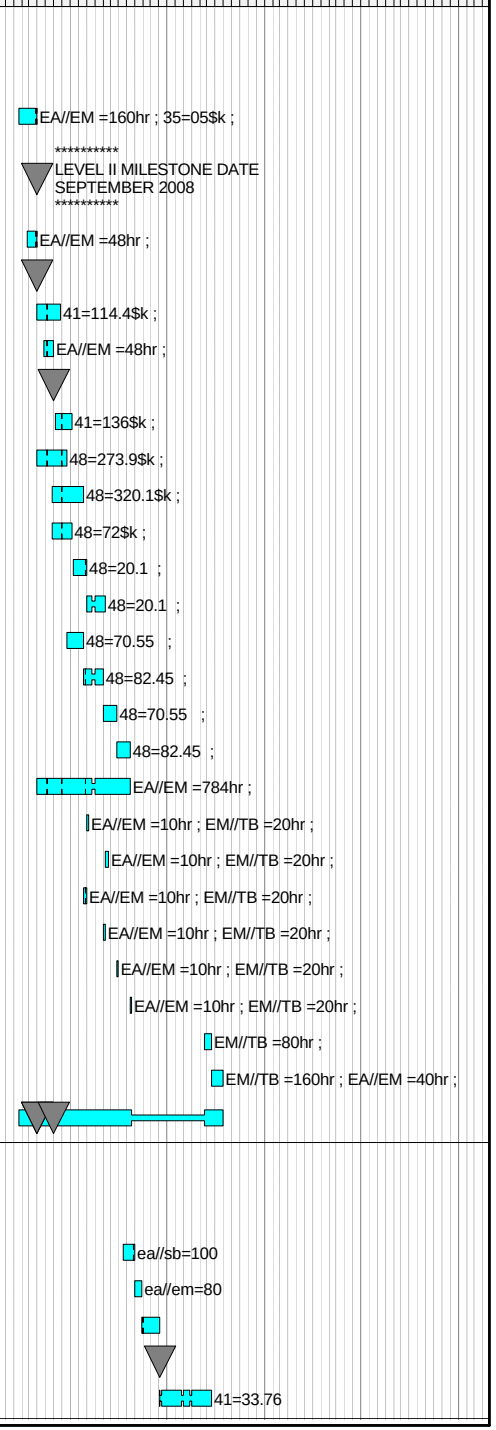
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
1204-149		Award T/C and Heater Tape Leads	0		03OCT07		136	0.00
1204-153		Deliver T/C and Heater Tape Leads	40	04OCT07	28NOV07		136	36,951.00
Flux loop junction boxes and spacer templates								
1204-173M		Material Delivery (desifn/fab in job 3101)	35	20JUN07	08AUG07		187	12,275.12
Subtotal			0		13JAN10		152	407,813.93
Job: 1250 - Vacuum Vessel FabricationCLOSED****								
99.07W		Scrap value of Kirksite dies (minimum sale price	22*	01MAY07A	31MAY07A			-161,694.72
99.08W		Retroactive mhx exclusion adjustment	22*	01AUG07A	31AUG07A			-90,000.00
Subtotal			1,028					-251,694.72
13 - Conventional Coils								
Job: 1361 - TF Fabrication-KALISH								
TF Title III and Fabrication Oversight								
131-033		Title III engr	348*	01MAY07	18SEP08		332	212,758.02
TF Fabrication Contract								
1361C-101		Fab, Test & Deliver Coil #1	38*	29MAY07*	20JUL07		356	27,210.00
1361C-102		Fab, Test & Deliver Coil #2	45*	01JUN07*	03AUG07		391	43,590.00
1361C-103		Fab, Test & Deliver Coil #3	65*	01JUN07*	31AUG07		379	47,210.00
1361C-104		Fab, Test & Deliver Coil #4	1	28SEP07*	28SEP07		360	47,210.00
1361C-104M	2	** DELIVER TF COILS FOR FPA #1 ASSY **	0		28SEP07		360	0.00
1361C-105		Fab, Test & Deliver Coil #5	1	26OCT07*	26OCT07		422	47,210.00
1361C-106	3	Fab, Test & Deliver Coil #6	1	23NOV07*	23NOV07		402	47,210.00
1361C-107		Fab, Test & Deliver Coil #7	1	21DEC07*	21DEC07		393	47,210.00
1361C-108		Fab, Test & Deliver Coil #8	1	18JAN08*	18JAN08		380	47,210.00
1361C-109		Fab, Test & Deliver Coil #9	1	12FEB08*	12FEB08		374	47,210.00
1361C-110		Fab, Test & Deliver Coil #10	1	06MAR08*	06MAR08		357	47,210.00
1361C-111		Fab, Test & Deliver Coil #11	1	31MAR08*	31MAR08		348	47,210.00
1361C-112		Fab, Test & Deliver Coil #12	1	23APR08*	23APR08		331	47,210.00
1361C-113		Fab, Test & Deliver Coil #13	1	16MAY08*	16MAY08		418	47,210.00
1361C-114		Fab, Test & Deliver Coil #14	1	10JUN08*	10JUN08		402	47,210.00
1361C-115		Fab, Test & Deliver Coil #15	1	03JUL08*	03JUL08		385	47,220.00
1361C-116		Fab, Test & Deliver Coil #16	1	28JUL08*	28JUL08		369	47,220.00
1361C-117		Fab, Test & Deliver Coil #17	1	20AUG08*	20AUG08		352	47,220.00
1361C-118		Fab, Test & Deliver Coil #18	1	12SEP08*	12SEP08		336	47,220.00



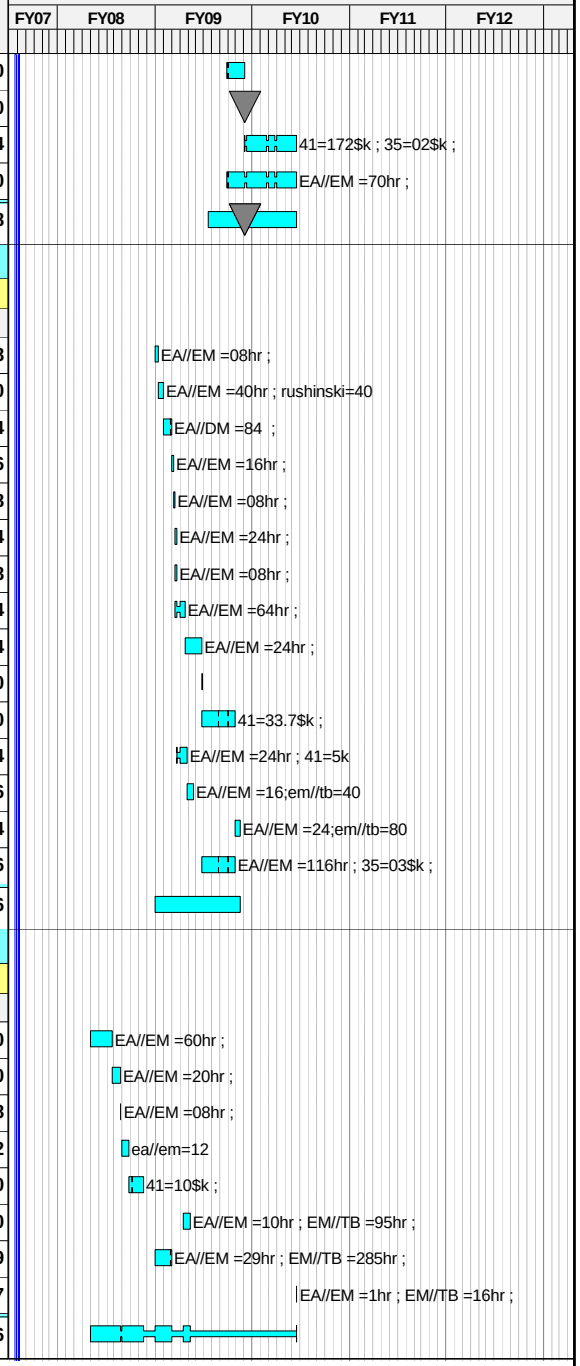
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
1351-195X	3	ALL TF COILS DELIVERED	0		18SEP08		332	0.00
FY07 Rebaseline Exercise								
ECP53RBX03		FY07 Rebaseline exercise	22*	01MAY07A	31MAY07A			1,393.84
99.07X		Retroactive MHX exclusion	22*	01MAY07A	31MAY07A			-38,281.20
Subtotal			0		18SEP08		332	1,002,070.66
Job: 1302 - PF Design -KALISH								
FY07 Rebaseline Exercise								
ECP53RBX02		FY07 Rebaseline exercise	22*	01MAY07A	31MAY07A			4,529.98
1302-200		Complete PF Coil SRD	20	01AUG07*	28AUG07		15	4,181.52
1302-205		Update PF Analysis	40	29AUG07	24OCT07		67	28,706.96
1302-210		Update PF Coil SDD	40	25OCT07	21DEC07		67	4,458.24
1302-211		Complete PF4 PDR Model	20	29AUG07	26SEP07		15	13,938.40
1302-212		Complete PF5 PDR Model	20	27SEP07	24OCT07		15	14,768.56
1302-213		Complete PF6 PDR Model	20	25OCT07	21NOV07		15	14,860.80
1302-251		PDR Level Design Support Support	62	29AUG07	23NOV07		23	10,900.12
1302-220		Prepare for PDR	10	22NOV07	07DEC07		15	16,346.88
1302-225		PF Coil PDR	2	10DEC07	11DEC07		15	2,972.16
1302-225M	2	PF Coil PDR	0		11DEC07		15	0.00
1302-214		Prepare,Review & Approve conductor spec	20	02JAN08*	29JAN08		32	2,972.16
1302-216		Prepare,Review & Approve coil spec	20	30JAN08	26FEB08		32	8,916.48
1302-240		Disposition PDR Chits	20	12DEC07	17JAN08		55	4,458.24
1302-235		Detail Drawings PF4	20	12DEC07	17JAN08		15	14,860.80
1302-245		Detail Drawings PF5	20	18JAN08	14FEB08		15	14,860.80
1302-260		Detail Drawings PF6	20	15FEB08	13MAR08		15	14,860.80
1302-250		Analysis Support	60	12DEC07	13MAR08		15	13,003.20
1302-217		Drawing Support	60	12DEC07	13MAR08		15	11,145.60
1302-218		PF Stress Analysis with leads	30	12DEC07	31JAN08		45	22,291.20
1302-265		Prepare for FDR	5	14MAR08	20MAR08		15	16,346.88
1302-270	3	PF FDR	2	21MAR08	24MAR08		15	2,972.16
1302-275		Resolve Chits	20	25MAR08	21APR08		110	14,860.80
Subtotal			0		21APR08		110	257,212.74



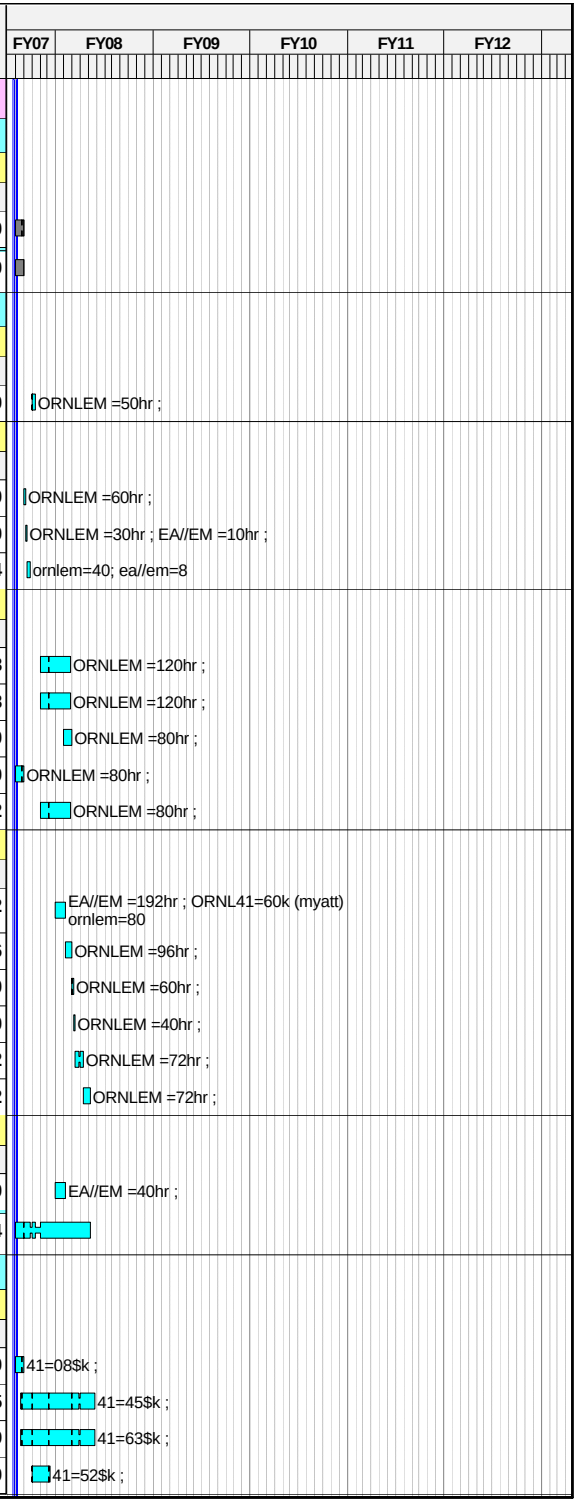
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
Job: 1352 - PF Coil Procurement-KALISH								
PF Coil Fabrication								
141-035		Bid & Award PF Coil Fabrication	45	25MAR08	27MAY08		15	35,811.60
141-036	2	PF Coils Awarded	0		27MAY08		15	0.00
141-037		Bid & Award Conductor	25	22APR08	27MAY08		85	8,916.48
141-038	3	PF Conductor Awarded	0		27MAY08*		85	0.00
141-038.1		PF Conductor Delivery	65	28MAY08	27AUG08		85	149,635.20
141-039		Bid & Award Materials	25	27JUN08	01AUG08		58	8,916.48
141-040		PF Materials Awarded	0		01AUG08*		58	0.00
1352-100		Materials Delivery PF 4,5,6	45	04AUG08	06OCT08		58	178,529.66
1352-121		Design/Fab Tooling for PF 5	80	28MAY08	18SEP08		15	280,747.50
1352-122		Design/Fab Tooling for PF 6	80	28JUL08*	17NOV08		18	331,639.61
1352-120		Tooling for PF 4	55	25JUL08*	10OCT08		54	74,072.29
1352-150		Fabricate/Dlvr PF 4 lower	35	13OCT08	02DEC08		54	21,125.10
1352-151		Fabricate/Dlvr PF 4 upper	45	03DEC08	12FEB09		405	21,125.10
1352-165		Fabricate/Dlvr PF 5 Lower	45	19SEP08	20NOV08		15	73,821.95
1352-145		Fabricate/Dlvr PF 6 Lower	45	21NOV08	04FEB09		15	86,654.95
1352-166		Fabricate/Dlvr PF 5 Upper	35	05FEB09	25MAR09		341	74,148.05
1352-146		Fabricate/Dlvr PF 6 Upper	35	26MAR09	13MAY09		341	86,654.95
141-031		Title III engr WBS 132	241	28MAY08	14MAY09		846	148,348.45
141-900		PF4 Lower Inspection & Test	5	03DEC08	09DEC08		54	3,561.30
141-900A		PF4 Upper Inspection & Test	5	13FEB09	19FEB09		405	3,561.30
141-901		PF5 Lower Inspection & Test	5	21NOV08	01DEC08		60	3,561.30
141-902		PF6 Lower Inspection & Test	5	05FEB09	11FEB09		15	3,561.30
141-905		PF5 Upper Inspection & Test	5	26MAR09	01APR09		376	3,561.30
141-906		PF6 Upper Inspection & Test	5	14MAY09	20MAY09		341	3,561.30
141-903		Refurbish PF 1a	20	18FEB10*	17MAR10		101	6,820.80
141-904		Assemble PF1a and CS structure	30	18MAR10	28APR10		101	21,550.00
Subtotal			522	25MAR08	28APR10		610	1,629,885.97
Job: 1353 - CS Structure Procurement-DAHLGREN								
CS Support Structure								
1353-001		Design PF1a upper to lower interconnect bus	30	20APR09	01JUN09		101	12,342.00
1353-002		Engr & analysis of bus	20	02JUN09	29JUN09		101	15,296.80
1353-003		Bid & Award PF1a bus	45	30JUN09	01SEP09		101	0.00
1353-004		Award PF1a bus	0		01SEP09*		101	0.00
1353-005		Fab & Deliver PF1a bus	130	02SEP09	17MAR10		101	48,162.54



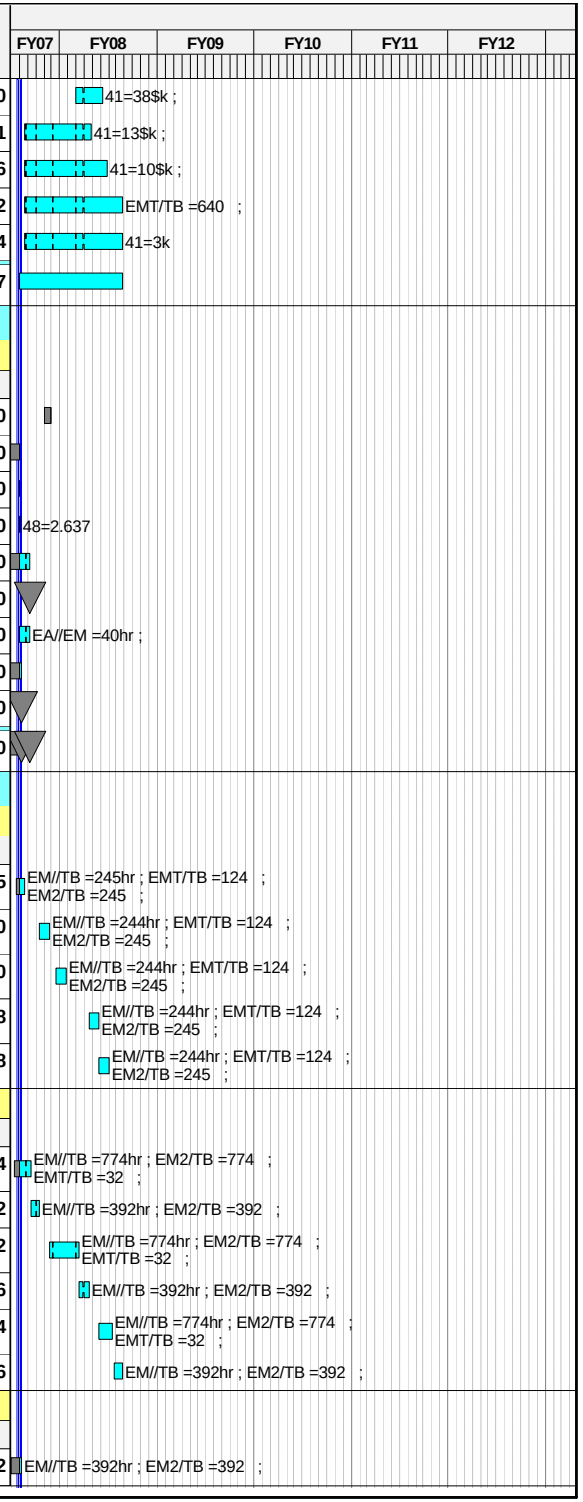
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
163-035		Bid & Award CS Support Struct	45	30JUN09	01SEP09		101	0.00
163-036.9		Award CS Support Structure	0		01SEP09*		101	0.00
163-037		CS Support Structure Procurement/Fab	130	02SEP09	17MAR10		101	247,857.24
163-015		Title III design CS sprt struc	175*	30JUN09	17MAR10		101	13,670.70
Subtotal			225	20APR09	17MAR10		101	337,329.28
Job: 1354 - Trim Coil Design &Procurement-KALISH								
Trim Coils								
1303-101		Complete Trim Coil SRD	10	01OCT08*	14OCT08		13	1,529.68
1303-103		Analysis	15	15OCT08*	04NOV08		13	15,296.80
1303-105		FDR Dwgs for coils and supports	20	05NOV08*	04DEC08		13	16,061.64
1303-107		Prepare for FDR	5	05DEC08*	11DEC08		13	3,059.36
1303-110		Trim Coil FDR	1	12DEC08*	12DEC08		13	1,529.68
1303-112		Prepare Procurement Coil Spec	5	15DEC08*	19DEC08		28	4,589.04
1303-114		Disposition FDR Chits	5	15DEC08*	19DEC08		28	1,529.68
1303-116		Detail Fabrication Drawings	20	15DEC08*	20JAN09		13	12,237.44
184-035		Bid & Award Ext Trim Coils	45	21JAN09	24MAR09		13	4,589.04
184-036		Award External Trim Coils	0	25MAR09	24MAR09		13	0.00
184-037		External Trim Coil & Supports Procurement	88	25MAR09	28JUL09		13	47,078.90
1303-040		Procure materials for supports	20	22DEC08	27JAN09		121	11,574.04
1303-041		Fabricate Supports	20	28JAN09	24FEB09		121	6,357.76
1303-042		Install supports onto coils	15	29JUL09	18AUG09		13	11,185.84
184-015		Title III WBS 133 Rxt Trim Coils	88	25MAR09	28JUL09		13	25,285.36
Subtotal			219	01OCT08	18AUG09		13	161,904.26
Job: 1355 - WBS 13 I&C Proc and Coil Assy-KALISH								
TF/PF Loacl I&C								
1355-101		Design, and Review	60	01FEB08*	24APR08		86	11,145.60
1355-103		Prepare Installation Procedures	20	25APR08	22MAY08		86	3,715.20
1355-105		FDR	1	23MAY08	23MAY08		86	1,486.08
1355-107		Prep req,bid,award T/C and wire	20	27MAY08	23JUN08		86	2,229.12
1355-109		Deliver of T/C and wire	40	24JUN08	19AUG08		86	13,080.00
1355-111		Installation on PF4,5,6 Coils upon delivery	20	15JAN09	11FEB09		15	9,745.80
1355-112		Installation on TF Coils upon delivery	45	01OCT08*	04DEC08		57	29,046.19
1355-113		Installation on PF1a Coils upon delivery	3	15MAR10	17MAR10		101	1,561.87
Subtotal			529	01FEB08	17MAR10		101	72,009.86



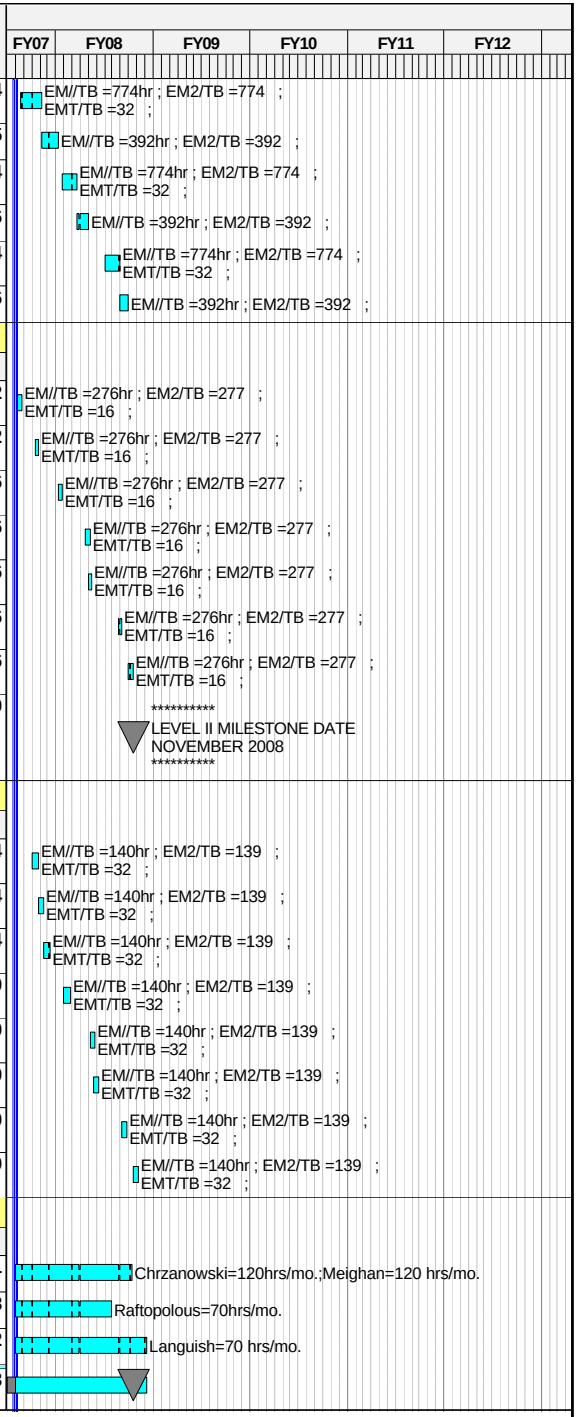
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
14 - Modular Coils								
Job: 1404 - MCWF R&D 1st Prod CastingCLOSED****								
99.07Z		Retroactive MHX exclusion	22*	01MAY07A	31MAY07A			-35,940.00
Subtotal			22	01MAY07A	31MAY07A			-35,940.00
Job: 1416 - Mod Coil Type AB Fnl Dsn-WILLIAMSON								
Clamp hardware modifications								
1416-204.1		Modify Type-B clamps for stud attachment	9	02JUL07*	13JUL07		62	7,786.00
Blanket thermal insulation								
1416-304		Revise assembly models/drawings	5	01JUN07*	07JUN07		79	9,343.20
1416-305		Review and approve insulation concept	5	08JUN07*	14JUN07		79	6,413.90
1416-3198		Report Results & Issue Dwgs	10	15JUN07	28JUN07		79	7,622.64
Top level assy models/drawings								
1416-503		Complete models/drawings of power cable connect	80	01AUG07*	21NOV07		79	19,030.68
1416-504		Complete models/drawings of protective covers	80	01AUG07*	21NOV07		79	19,030.68
1416-507		Update, review and approve coil asm spec	21	31OCT07*	28NOV07		137	12,940.80
1416-508		Complete drawing rev to leads, terminal asm (ECN	21	01MAY07	30MAY07		202	12,457.60
1416-506	3	Check and promote top-level models/drawings	80	01AUG07	21NOV07		79	12,687.12
Analysis and closeout documentation								
1416-601	3	Prepare EM and structural analysis of leads	27	01OCT07*	06NOV07		65	110,106.72
1416-602		Design memo KF structural analysis	15	07NOV07	27NOV07		65	15,528.96
1416-603		Update, review and approve FMECA	5	28NOV07	06DEC07		65	9,705.60
1416-604		Finalize draft documents - materials, eddy curre	5	07DEC07	13DEC07		65	6,470.40
1416-605	3	Prepare Type-ABC closeout FDR	15	14DEC07	14JAN08		65	11,646.72
1416-606		Resolve FDR comments	15	15JAN08	04FEB08		65	11,646.72
Type C Design Closeout								
1403-47C		Perform cool-down/warmup analysis	26	01OCT07*	05NOV07		445	7,430.40
Subtotal			188	01MAY07	04FEB08		389	279,848.14
Job: 1408 - MC Winding Supplies-CHRZANOWSKI								
1408-1		Procure Batt insulation	22*	01MAY07*	31MAY07		99	10,208.00
1408-2		Epoxy (existing order)	187	23MAY07*	25FEB08		125	58,166.95
1408-3		Misc and safety supplies ($7k/mo.)	188	23MAY07*	26FEB08		189	81,438.89
1408-4		Procure & Deliver Thermocouples	50	02JUL07*	11SEP07		16	66,352.00



Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
1408-4.1		Procure & Deliver Strain Gages	65	03DEC07*	11MAR08		137	49,704.00
1408-5		Epoxy/glass for mold shell	164	23MAY07*	23JAN08		126	16,775.71
1408-6		VPI clean manifold contract	210	23MAY07*	27MAR08		128	12,942.86
1408-7		Misc tech shop support	250	23MAY07*	22MAY08		127	50,127.62
1408-8		Cutting hardware for flange bolts	250	23MAY07*	22MAY08		1,089	3,889.44
Subtotal			266	01MAY07	22MAY08		1,089	349,605.47
Job: 1411 - MCWF Fabr. S005242-HEITZENROEDER								
99.09W		Retroactive mhx exclusion adjustment	213	01AUG07A	31AUG07A			-90,000.00
MCWF-001		EIO Contract Acrrued/cost to date =$9,216,000k	213*	02OCT06A	30APR07A			0.00
MCWF-002		EIO Contract TOTAL EAC =$9,218,637k	213*	30APR07A	30APR07A			0.00
MCWF-003		Contract closeout final cost increment	20					2,640.00
MCWF-571		B6-MTM - machining/inspection	213*	31JUL06A	06JUN07		214	0.00
MCWF-581		B6-Receive at PPPL	0		07JUN07		214	0.00
MCWF-004		PPPL Overisght	28	01MAY07	08JUN07		1,360	6,969.20
MCWF-301		C6-MTM - machining/inspection	276*	03APR06A	08MAY07		207	0.00
MCWF-311		C6-Receive at PPPL	0		09MAY07		207	0.00
Subtotal			298	03APR06A	08JUN07		1,360	-80,390.80
Job: 1451 - Mod Coil Winding-CHRZANOWSKI								
Station 1a/4 Casting Prep								
P1-061		Receive A5, Prep& Instl Cladding	24*	19APR07A	22MAY07	2*	68	47,982.05
P3-061		Receive B5, Prep& Instl Cladding	27	16JUL07*	21AUG07	1.5	37	47,906.90
P1-151		Receive A6, Prep& Instl Cladding	27	19SEP07*	25OCT07	1.5	56	50,132.70
P2-031		Receive C6, Prep& Instl Cladding	27	21JAN08*	26FEB08	1.5	37	51,069.88
P3-151		Receive B6, Prep& Instl Cladding	27	27FEB08*	03APR08	1.5	37	51,069.88
Station 2-Winding, Instl Chill Plates,Tubing,Bag								
P2-161		Wind coil B4	41*	16APR07A	12JUN07	2	64	124,549.74
P2-170		Instl Chill Plates,Tubing,Bag B4	22	13JUN07	13JUL07	1	64	61,861.52
P3-071		Wind coil B5	76	22AUG07	10DEC07	1	37	129,851.92
P3-080		Instl Chill Plates,Tubing,Bag B5	22	11DEC07	18JAN08	2	37	65,946.16
P2-041		Wind coil C6	38	27FEB08	18APR08	2	49	132,773.54
P2-050		Instl Chl Plates,Tubing, Bag C6	22	21APR08	20MAY08	2	49	65,946.16
Station 4-Winding, Instl Chill Plates,Tubing,Bag								
P2-080		Instl Chill Plates,Tubing,Bag B3	28*	01APR07A	09MAY07	2	77	61,861.52

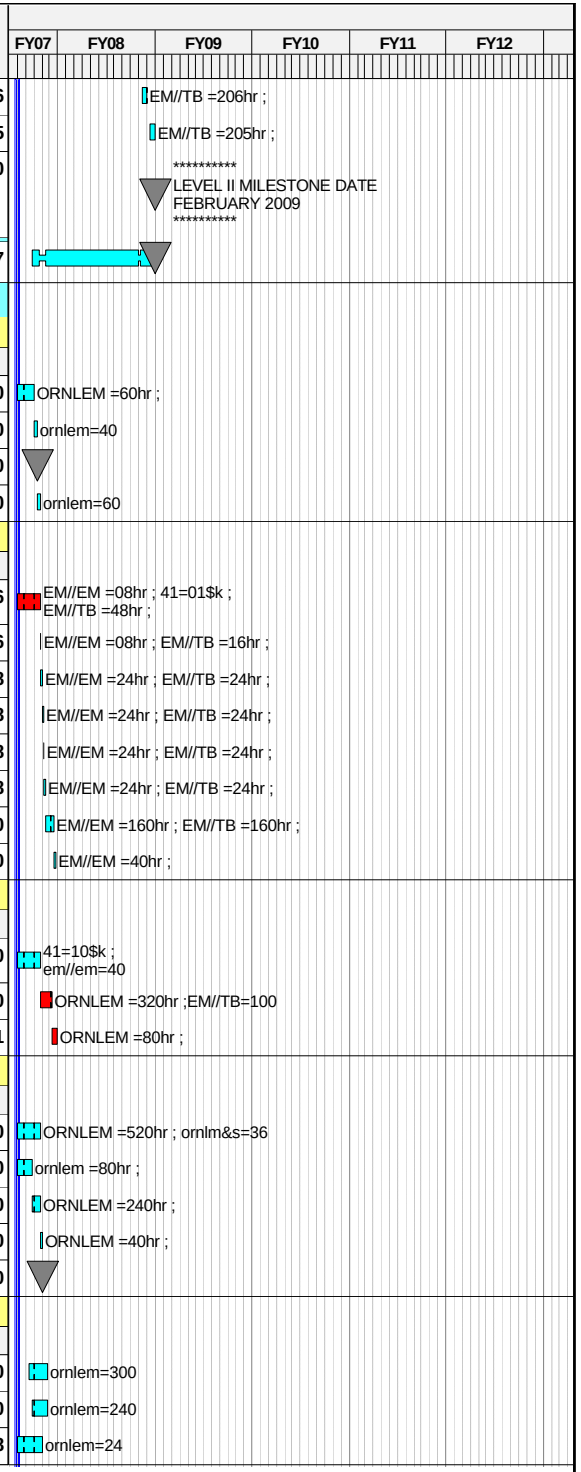


Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
P2-131		Wind coil A5	53	23MAY07	07AUG07	1	68	124,549.74
P2-140		Instl Chl Plates,Tubing, Bag A5	44	08AUG07	09OCT07	1	68	62,511.35
P1-161		Wind coil A6	38	26OCT07	20DEC07	2	56	132,773.54
P1-170		Instl Chill Plates,Tubing,Bag A6	22	21DEC07	30JAN08	2	56	65,946.16
P3-161		Wind coil B6	38	04APR08	28MAY08	2	37	132,773.54
P3-170		Instl Chill Plates,Tubing,Bag B6	22	29MAY08	27JUN08	2	37	65,946.16
Station 5-VPI								
P2-081V		VPI (Station 5) B3	11	10MAY07	24MAY07	2	164	44,840.62
P3-081V		VPI (Station 5) B4	11	16JUL07	30JUL07	2	202	44,840.62
P1-081V		VPI (Station 5) A5	11	10OCT07*	24OCT07	2	179	47,801.36
P2-171V		VPI (Station 5) B5	11	21JAN08	04FEB08	2	129	47,801.36
P1-171V		VPI (Station 5) A6	11	01FEB08*	15FEB08	2	134	47,801.36
P2-051V		VPI (Station 5) C6	11	21MAY08	05JUN08	2	49	47,801.36
P3-171V		VPI (Station 5) B6	11	30JUN08	15JUL08	2	37	47,801.36
P3-171VM	2	COMPLETE VPI OF 18th MOD COIL	0		15JUL08	2	37	0.00
Station 1 Post VPI								
P3-141C		Final Clamps & Warm Test (Station1) A4	15	06JUL07*	26JUL07	1	121	24,415.54
P2-081C		Final Clamps & Warm Test (Station1) B3	15	27JUL07	16AUG07	1	121	24,415.54
P3-081C		Final Clamps & Warm Test (Station1) B4	15	17AUG07	07SEP07	1	189	24,415.54
P1-081C		Final Clamps & Warm Test (Station1) A5	15	02NOV07*	22NOV07	1	173	26,027.60
P3-171C		Final Clamps & Warm Test (Station1) B5	15	05FEB08	25FEB08	1	129	26,027.60
P1-171C		Final Clamps & Warm Test (Station1) A6	15	18FEB08	07MAR08	1	134	26,027.60
P2-051C		Final Clamps & Warm Test (Station1) C6	15	06JUN08	26JUN08	1	49	26,027.60
P2-171C		Final Clamps & Warm Test (Station1) B6	15	16JUL08	05AUG08	1	37	26,027.60
LOE Oversight & Supervision								
145XSPRV-1		Winding Engineering oversight and supervision	298*	01MAY07	09JUL08		1,057	531,562.91
145XSPRV-2		Winding Engineering oversight and supervision	250*	01MAY07	30APR08		1,105	151,931.88
145XSPRV-3		Winding Engineering oversight and supervision	337*	01MAY07	03SEP08		1,018	176,572.52
Subtotal			358	01APR07A	03SEP08		1,018	2,867,592.43



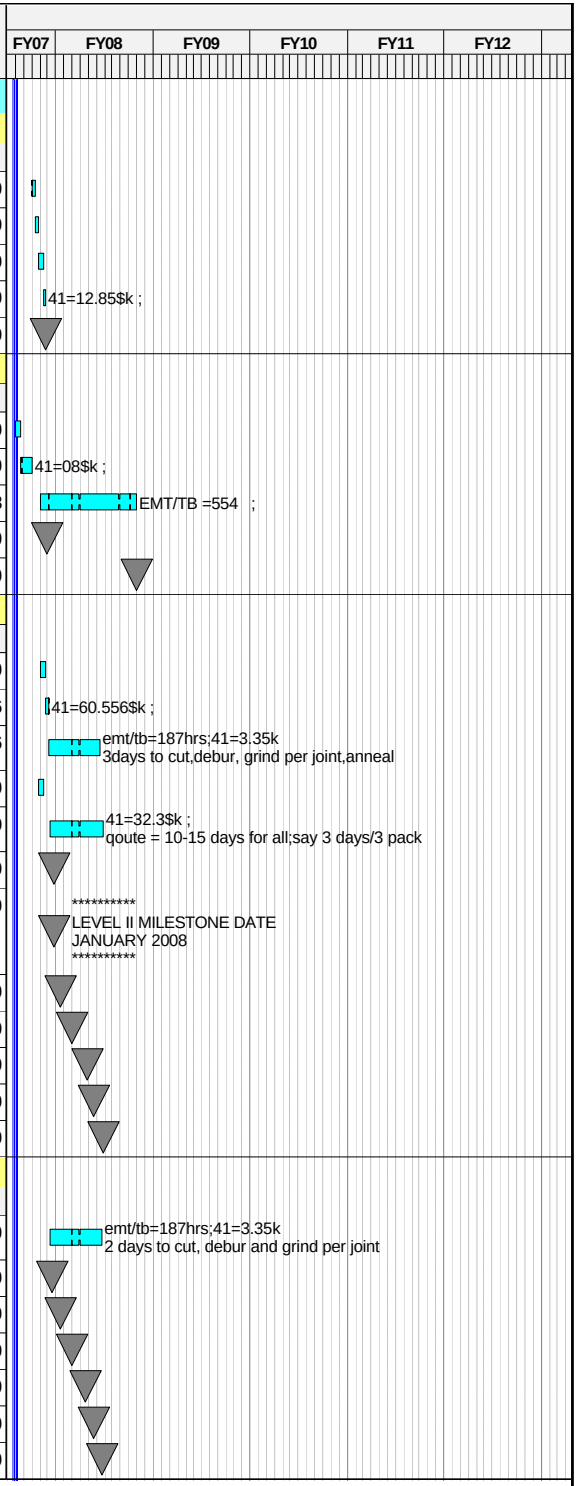
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
Job: 1459 - Mod Coil Fabr.Punch List-CHRZANOWSKI								
Punchlist Tech shop/RESA								
PLTS-B2		Grinding -B2	18*	25JUN07*	19JUL07	1	44	15,706.35
PLTS-A2		Grinding -A2	5	03JUL07*	10JUL07	1	49	3,682.35
PLTS-B1		Grinding -B1	5	11JUL07*	17JUL07	1	49	3,682.35
PLTS-A1		Grinding -A1	18	17AUG07*	12SEP07	1	27	6,688.35
PLTS-C1		Grinding & Drill Holes -C1	20	13SEP07	10OCT07	1	47	18,512.16
PLTS-C2		Grinding & Drill Holes -C2	20	11OCT07	07NOV07	1	47	19,226.40
PLTS-C3		Grinding & Drill Holes -C3	20	08NOV07	07DEC07	1	47	19,226.40
PLTS-C4		Grinding & Drill Holes -C4	20	10DEC07	15JAN08	1	47	19,226.40
PLTS-A3		Grinding -A3	5	16JAN08	22JAN08	1	61	3,925.39
PLTS-B3		Grinding -B3	5	23JAN08	29JAN08	1	73	3,925.39
PLTS-A4		Grinding -A4	5	30JAN08	05FEB08	1	85	3,925.39
PLTS-B4		Grinding -B4	5	06FEB08	12FEB08	1	91	3,925.39
PLTS-C5		Grinding & Drill Holes -C5	20	13FEB08	11MAR08	1	91	19,226.40
PLTS-A5		Grinding -A5	5	12MAR08	18MAR08	1	104	3,925.39
PLTS-B5		Grinding -B5	5	19MAR08	25MAR08	1	113	3,925.39
PLTS-A6		Grinding -A6	5	26MAR08	01APR08	1	122	3,925.39
PLTS-B6		Grinding -B6	5	06AUG08	12AUG08	1	37	3,925.39
PLTS-C6		Grinding & Drill Holes -C6	20	13AUG08	10SEP08	1	37	19,226.40
Punchlist- Coil Technicians								
PLCT-B2		Insul,measure,TC other punch list-B2	7	15AUG07*	23AUG07	2	26	15,480.90
PLCT-A2		Insul,measure,TC, other punch list-A2	7	10SEP07	18SEP07	2	16	15,480.90
PLCT-B1		Insul,measure,TC, other punch list-B1	7	19SEP07	27SEP07	2	16	15,480.90
PLCT-A1		Insul,measure,TC, other punch list-A1	9	28SEP07	10OCT07	2	16	20,287.52
PLCT-C1		Insul,measure,TC, other punch list-C1	18	11OCT07	05NOV07	1	53	20,748.49
PLCT-C2		Insul,measure,TC, other punch list-C2	9	08NOV07	20NOV07	2	51	20,428.05
PLCT-C3		Insul,measure,TC, other punch list-C3	18	10DEC07	11JAN08	1	49	20,748.49
PLCT-C4		Insul,measure,TC, other punch list-C4	19	16JAN08	11FEB08	1	47	22,110.36
PLCT-A3		Insul,measure,TC, other punch list-A3	17	12FEB08	05MAR08	1	47	19,306.51
PLCT-B3		Insul,measure,TC, other punch list-B3	14	06MAR08	25MAR08	1	50	16,502.66
PLCT-A4		Insul,measure,TC, other punch list-A4	17	26MAR08	17APR08	1	50	19,306.51
PLCT-B4		Insul,measure,TC, other punch list-B4	14	18APR08	07MAY08	1	50	16,502.66
PLCT-C5		Insul,measure,TC, other punch list-C5	18	08MAY08	03JUN08	1	50	20,428.05
PLCT-A5		Insul,measure,TC, other punch list-A5	14	04JUN08	23JUN08	1	50	16,502.66
PLCT-B5		Insul,measure,TC, other punch list-B5	14	24JUN08	14JUL08	1	50	16,502.66
PLCT-A6		Insul,measure,TC,SG other punch list-A6	14	15JUL08	01AUG08	1	50	16,502.66

Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
PLCT-B6		Insul,measure,TC,SG other punch list-B6	14	13AUG08	02SEP08	1	43	16,502.66
PLCT-C6		Insul,measure,TC,SG other punch list-C6	14	11SEP08	30SEP08	1	37	16,422.55
PLCT-C6M	2	COMPLETE MODULAR COIL FABRICATION	0		30SEP08	1	37	0.00
Subtotal			318	25JUN07	30SEP08		37	501,051.87
Job: 1421 - Mod Coil Interface Design-WILLIAMSON								
Outboard Interface								
IH4-020		Prepare outboard shim dwgs and release	45	01MAY07	03JUL07		33	9,343.20
INTRF-045		FDR prep outboard shims	10	05JUL07	18JUL07		33	6,228.80
INTRF-046	3	FDR outboard shims	0		18JUL07		33	0.00
INTRF-047		Resolve chit's and issue outboard shim drawings	6	19JUL07	26JUL07		36	9,343.20
Outboard Interface-Bolted Joint Tests-Tension								
C								
1421-3067		Procure 2 studs f/joint test.Use existing part	61*	01MAY07	26JUL07		0	6,089.76
1421-3075		Setup test fixture &perform JHA & pre-job brief	2	27JUL07*	30JUL07		7	2,408.96
1421-3077		Meas joint deflect vs preload & loss of preload	3	31JUL07	02AUG07		7	5,423.28
1421-3079		Measure joint deflec & preload v. temp @80K	3	03AUG07	07AUG07		7	5,423.28
1421-3084		Measure joint deflection&preload v. cooldown cyc	3	08AUG07	10AUG07		7	5,423.28
1421-3087		Perform pullout tests for tapped holes	3	13AUG07	15AUG07		7	5,423.28
1421-3081		Meas joint deflect & preload v. time (days) at	20	16AUG07	13SEP07		7	36,155.20
1421-3090		Document&conduct review of test results	5	14SEP07	20SEP07		7	6,032.80
Outboard Interface-Bolted Joint Tests-Shear								
C								
1421-3112B		Procure/fab parts for test&initial assembly	60*	01MAY07	25JUL07		1	18,792.80
1421-3115B		Assemble & test	31	27JUL07	10SEP07		0	57,345.40
1421-3119B		Document test results	15	11SEP07	01OCT07		0	12,489.81
Inboard Interface-Design								
IH1-001		Coil to coil scoping analysis	62	01MAY07	27JUL07		21	116,974.40
1421-3125		Determine geometry&location of high COF shims&pl	40	01MAY07	26JUN07		3	12,457.60
1421-3127		Structural analyses to performance rqmts for bol	20	27JUN07	25JUL07		18	37,372.80
1421-3131		PDR prep for requirements, design,&development	5	26JUL07	01AUG07		18	6,228.80
1421-3132		PDR to review requirements, design,&development	0		01AUG07		18	0.00
Inboard Interface-AB/BC/AA								
C								
INTRF-049		prepare winding form mods for weld clamp bolts	50	13JUN07*	22AUG07		3	46,716.00
INTRF-050		Complete Shim fabrication drawings (ORNL)	40	27JUN07*	22AUG07		3	37,372.80
INTRF-051		Release info for procurement of shim material	64*	01MAY07	31JUL07		18	3,737.28

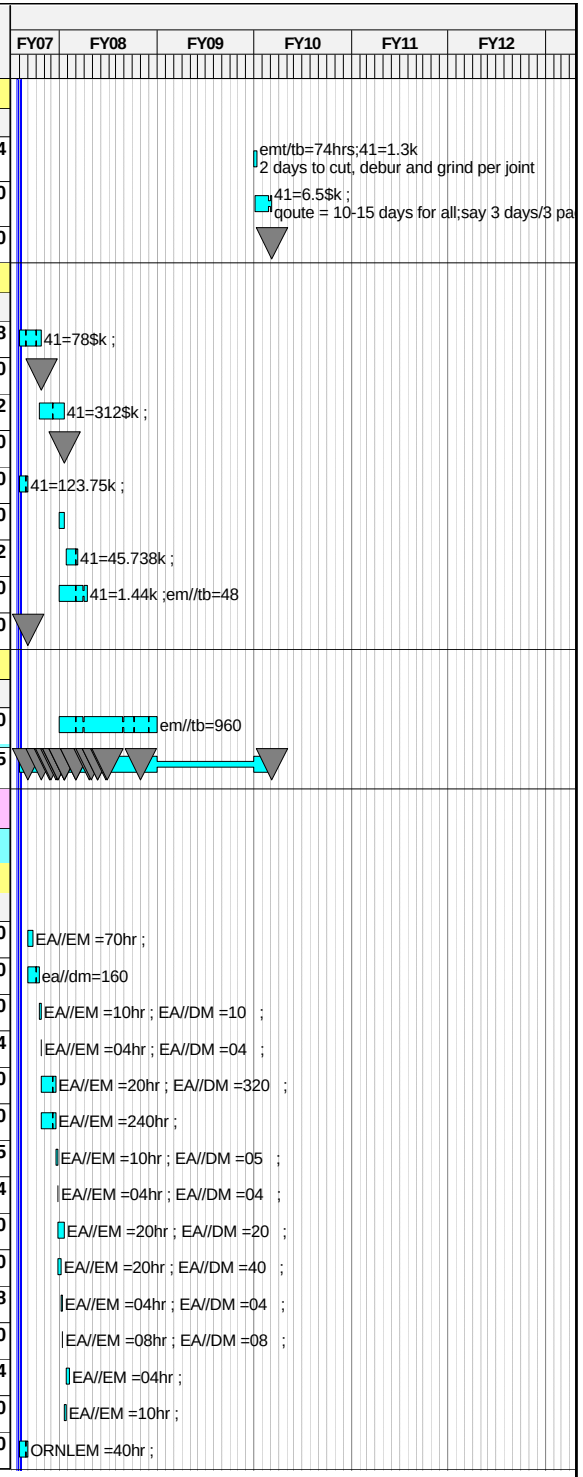


Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
INTRF-054		FDR prep AB/BC/AA inboard shims	5	28AUG07	04SEP07		0	6,032.80
INTRF-055	3	FDR AB/BC/AA inboard shims	0		04SEP07		0	0.00
Inboard Interface-CC								
IH1-000		ESTABLISH CONCEPT	36	01JUN07*	23JUL07		64	105,889.60
IH1-0000		PEER REVIEW OF JOINT CONCEPT	8	24JUL07	02AUG07		64	12,457.60
1421-3143		Add bolt holes to C winding form dwg CC interfac	11	03AUG07*	17AUG07		64	21,800.80
1421-3143X		Release dwg for add'l holes in C coil	0		17AUG07		64	0.00
1421-3145		Bolt reach & access study (mockup)	6	01OCT07*	08OCT07		449	32,352.00
1421-3140		Prep C-C shim drawings and release	14	09OCT07	26OCT07		449	58,233.60
1421-3142		FDR Prep for C-C shims	42	29OCT07	07JAN08		449	6,470.40
1421-3144	3	FDR C-C Shims	0		07JAN08		449	0.00
Weld Access test								
INTRF-025		ORNL build plywood mockup of flange	20	14MAY07*	11JUN07		1,314	51,800.80
INTRF-030		ORNL verify weld access	7	12JUN07	20JUN07		1,314	45,228.80
INTRF-010		Develop Weld Geometry Procedure	5	21JUN07	27JUN07		1,314	6,969.20
Overall MC Interface								
C								
1421-3134		Issue interface dwgs for comment	75	01MAY07	15AUG07		0	46,716.00
1421-3135		FDR Prep	13	16AUG07	04SEP07		0	6,228.80
1421-3136	2	Conduct BC,AB,AA,Interface FDR incl job 1416	0		04SEP07		0	0.00
1421-3138		Resolve issues, release assembly spec&drawings	5	05SEP07	11SEP07		0	37,372.80
INTRF-040		ANalysis of tensile loads (ORNL)	75	01MAY07	15AUG07		13	49,830.40
INTRF-100		Misc travel, meetings,reporting,job 1416&1421	207	01MAY07	29FEB08		1,148	233,092.79
REBASE1421		Re-baseline exercise	33*	01MAY07*	15JUN07		1,322	39,864.32
Subtotal			207	01MAY07	29FEB08		1,148	1,207,123.44
Job: 1429 - MC Interface R&D-GETTELFINGER								
Outboard Interface-Friction								
1429-3026		COF cyclic testing	14*	01MAY07	18MAY07		14	29,970.00
1429-3027		Friction Life Test	32	02JUL07*	15AUG07		18	29,397.18
1429-3028		Edge loading&Superbolt torque tests 1&2	33	02JUL07*	16AUG07		17	29,397.18
1429-3029		Bolt Tests 3&4. Write Report	33	11JUL07*	24AUG07		11	29,397.18
Subtotal			82	01MAY07	24AUG07		11	118,161.54

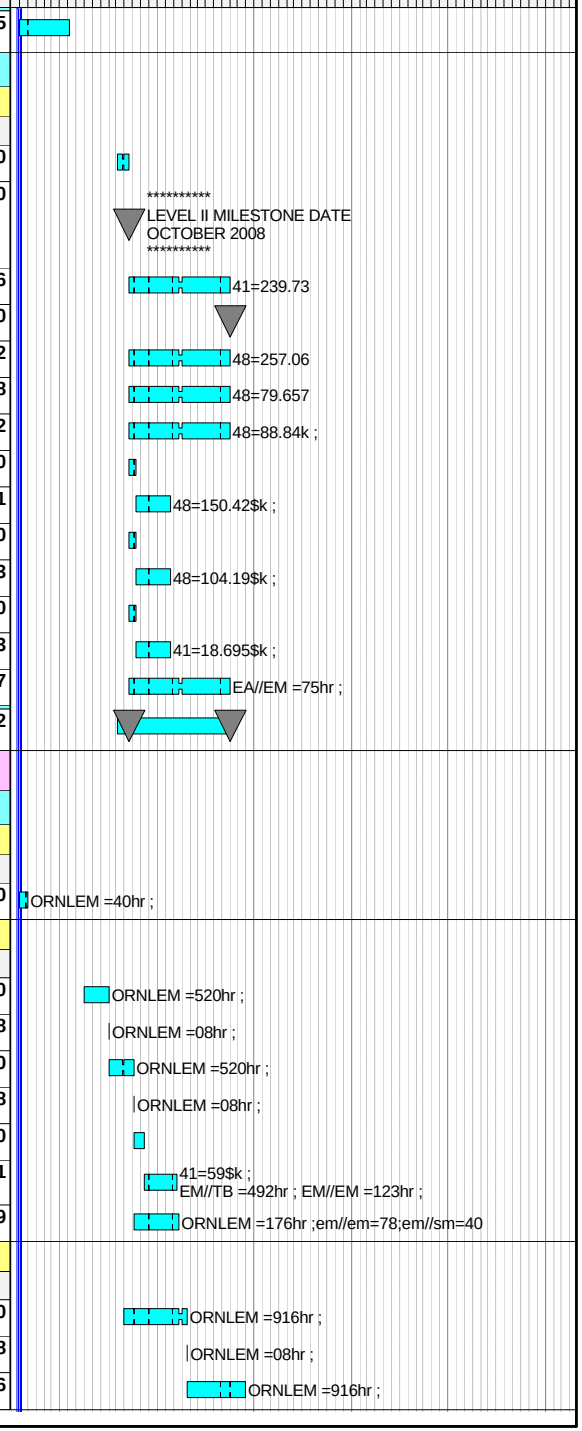
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
Job: 1431 - Mod. Coil Interface Hardware-DUDEK								
Bladders								
1421-3022		Receive first 5 Bladders	10	02JUL07*	16JUL07		45	0.00
1421-3023		Test Bladders	10	17JUL07	30JUL07		45	0.00
1421-3024		Prep Req, Bid,& Award Bladders	10	31JUL07	13AUG07		45	0.00
1421-3025		Deliver bladders	5	14AUG07	20AUG07		45	16,396.60
1421-3028		Bladders available for FPA	0		20AUG07		45	0.00
Bushings								
1421-3105		Prep Req, Bid,& Award Bushings	15	01MAY07	21MAY07		59	0.00
1421-3106		Deliver Bushings Material	29	22MAY07	02JUL07		59	10,271.80
1421-3107		PPPL Machine bushings Bushings	248	01AUG07*	29JUL08		39	43,915.58
1421-3108		Bushings available for first coil-to-coil fitup	0	29AUG07			39	0.00
1421-3109		All Bushings delivered	0		29JUL08		105	0.00
Shims-Outboard								
1429-3059		Requisition,Bid,Award Shim Stock (out & inboard)	15	01AUG07	21AUG07		18	0.00
1429-3060		Deliver Shim Stock	10	22AUG07	05SEP07		18	77,274.56
1429-3062		PPPL Cut, Grind, debur Outboard Shims	130	06SEP07	18MAR08		18	19,227.06
1429-3065		Prep Req, Bid, Award Alumina Application	15	27JUL07	16AUG07		36	0.00
1429-3066		Apply Alumina to OutboardShims	130	13SEP07	25MAR08		18	42,152.99
1429-3069		Outboard Shims Available for 1st 3 pack MC assy	0	20SEP07			18	0.00
S21-5.04X	2	Shims required for 1st 3 pack MC assy	0	20SEP07			18	0.00
1429-3070		Outboard Shims Available for 2nd 3 pack MC assy	0	18OCT07			83	0.00
1429-3071		Outboard Shims Available for 3rd 3 pack MC assy	0	03DEC07			90	0.00
1429-3072		Outboard Shims Available for 4th 3 pack MC assy	0	23JAN08			113	0.00
1429-3073		Outboard Shims Available for 5th 3 pack MC assy	0	20FEB08			159	0.00
1429-3074		Outboard Shims Available for 6th 3 pack MC assy	0	26MAR08			187	0.00
Shims-Inboard								
1429-3062X		PPPL cut, grind and debur Inboard Shims	130	12SEP07	24MAR08		54	19,258.90
1429-3069X		Inboard Shims Available for 1st 3 pack MC assy	0	19SEP07			54	0.00
1429-3070X		Inboard Shims Available for 2nd 3 pack MC assy	0	17OCT07			84	0.00
1429-3071X		Inboard Shims Available for 3rd 3 pack MC assy	0	28NOV07			109	0.00
1429-3072X		Inboard Shims Available for 4th 3 pack MC assy	0	22JAN08			132	0.00
1429-3073X		Inboard Shims Available for 5th 3 pack MC assy	0	19FEB08			167	0.00
1429-3074X		Inboard Shims Available for 6th 3 pack MC assy	0	25MAR08			194	0.00



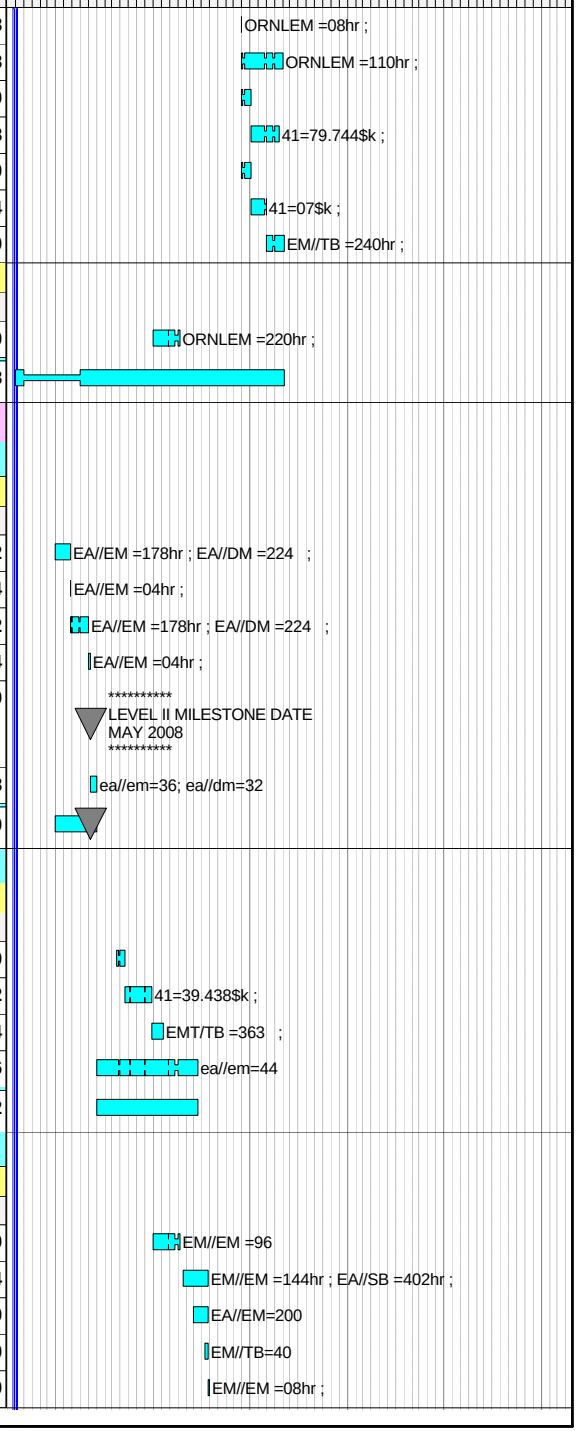
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
Shims- C-C Joint								
1429-3062C		PPPL Cut, Grind, debur Outboard Shims	10	01OCT09*	14OCT09		12	8,170.84
1429-3066C		Apply Alumina to OutboardShims	40	08OCT09	04DEC09		12	9,308.00
1429-3075X		Shims Req'd for C-C joint	0	07DEC09			12	0.00
Studs,Washers,Nuts								
1421-3060		Deliver Stud Kit (PE007330) (for 1st 3 pack only	57*	01MAY07A	20JUL07		66	98,992.08
1421-3061		Stud kit available for 1st 3 pack MC assy	0		20JUL07		66	0.00
1421-3062		Re-order balance of stud kits	65	19JUL07	18OCT07		78	408,475.32
1421-3063		Stud kits available for balance of MC assy	0		18OCT07		78	0.00
1421-3065		Deliver Superbolts (PE007332)	22*	01MAY07A	31MAY07		101	157,905.00
1421-3070		Order Add'l stud kits for c-c joint&weld clmp	15	01OCT07*	19OCT07		181	0.00
1421-3072		Deliver Add'l stud kits for c-c joint&weld clmp	30	22OCT07	04DEC07		181	59,827.92
1421-3080		Purchase G-11 shims and machine for C-C inboard	65	01OCT07*	10JAN08		497	5,728.80
1421-3066		Super bolts available for FPA	0		31MAY07		101	0.00
Misc Tech Shop Support								
1421-4000		Misc Tech Shop support through FPA sta 3	250*	01OCT07*	30SEP08		999	76,905.60
Subtotal			0		04DEC09		705	1,053,811.05
15 - Coil Structures								
Job: 1501 - Coil Structures Design-DAHLGREN								
1501-521		Complete Preliminary Stress analysis	11	04JUN07*	18JUN07		171	12,196.10
1501-522		Prelim CAD models & Dwgs	30	04JUN07*	16JUL07		149	27,876.80
1501-525		PDR Prep	3	17JUL07	19JUL07		149	3,484.60
1501-525P	3	PDR	1	20JUL07*	20JUL07		149	1,393.84
1501-533		Detail CAD Drawings,BOM	40	23JUL07	17SEP07		149	59,238.20
1501-533F		Integrated Stress Analysis	40	23JUL07	17SEP07		149	41,815.20
1501-537		FDR Prep	3	18SEP07	20SEP07		149	2,613.45
1501-541	3	FDR Coil Structures	1	21SEP07	21SEP07		149	1,393.84
1501-545		Resolve Chits	20	24SEP07	19OCT07		149	7,315.10
1501-549		Update C.S.Support Design	10	24SEP07	05OCT07		154	10,799.70
1501-550		Peer Review Updated C.S.Design	3	08OCT07	10OCT07		154	1,486.08
1501-554		Resolve Chits from peer review	2	11OCT07	12OCT07		154	7,430.40
1501-558		Prepare requisition for Coil Structure & CSS h/w	10	22OCT07	02NOV07		149	743.04
1501-562		Prepare Specs for Coil Structure & CSS h/w	10	15OCT07	26OCT07		154	1,857.60
ECP53RBX09		FY07 Rebaseline exercise	22*	01MAY07*	31MAY07		1,333	6,969.20



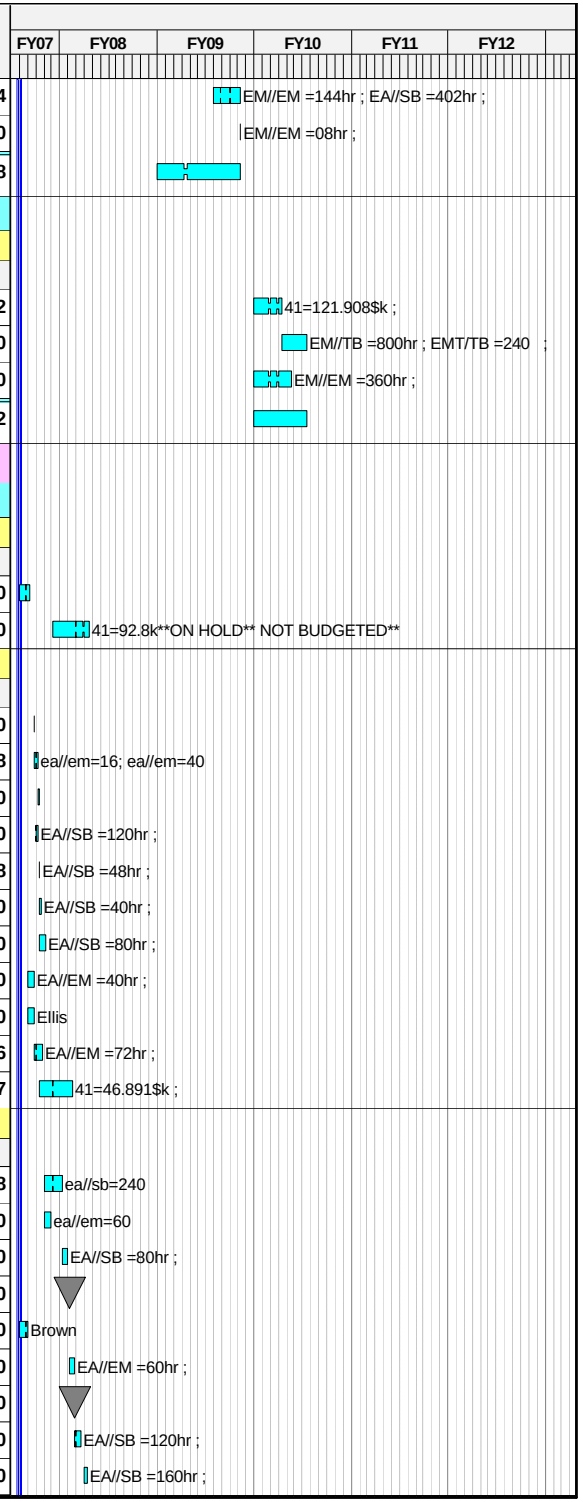
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
Subtotal			131	01MAY07	02NOV07		1,224	186,613.15
Job: 1550 - Coil Struct. Procurement -DAHLGREN								
1501-245		Prep Spec,Solicit Bids, and Evaluate Bids	30	05MAY08	16JUN08		28	0.00
162-036.9	2	Award Coil Support Structure	0		16JUN08*		28	0.00
162-037		Fabricate TF/MCWF mounting Components	260	17JUN08	01JUL09		28	328,830.26
162-037M	2	Fabricate TF/MCWF mounting Components	0		01JUL09		28	0.00
162-038		Fabricate PF Mounting components	260	17JUN08	01JUL09		28	268,267.82
162-039		Fabricate Final TF Assy components Components	260	17JUN08	01JUL09		28	83,133.18
162-040		Fabricate Machine/base support interface	260	17JUN08	01JUL09		28	92,713.42
162-050		Prep req, bid and award G11/Teflon parts	20	16JUN08*	14JUL08		69	0.00
162-051		Deliver G11/Teflon parts	90	15JUL08	18NOV08		69	155,701.41
162-052		Prep req, bid and award Inconnel hardware	20	16JUN08*	14JUL08		69	0.00
162-053		Deliver Inconnel hardware	90	15JUL08	18NOV08		69	107,848.23
162-055		Prep req, bid and award Belleville Washers	20	16JUN08*	14JUL08		69	0.00
162-057		Deliver Belleville Washers	90	15JUL08	18NOV08		69	25,106.83
162-031		Title III engr WBS 151	260	17JUN08*	01JUL09		813	14,151.47
Subtotal			290	05MAY08	01JUL09		813	1,075,752.62
16 - Coil Services								
Job: 1601 - Coil Services Design-GORANSON								
FY07 Rebaseline Exercise								
ECP53RBX08		FY07 Rebaseline exercise	22*	01MAY07*	31MAY07		1,333	6,228.80
161 - LN2 Distribution								
191-001		Title I design WBS 161 LN2 manifolds&piping	65	02JAN08*	01APR08		99	84,115.20
191-002	3	PDR WBS 161 LN2 manifolds&piping	1	02APR08	02APR08		99	1,294.08
191-011		Title II design WBS 161 LN2 manifolds&piping	65	03APR08	03JUL08		99	84,115.20
191-012		FDR WBS 161 LN2 manifolds&piping	1	07JUL08	07JUL08		99	1,294.08
191-037		Prep Req,Bid,Award-manifolds,hoses,valves etc	25	08JUL08	11AUG08		99	0.00
191-038		Fab and deliver-manifold assy,hoses,valves etc	90	12AUG08*	18DEC08		99	140,101.51
191-031		Title III engr WBS 161	118	08JUL08	23DEC08		941	27,796.89
162 - Electrical Leads								
132-001		Title I design WBS 162 Coil leads	155	02JUN08*	19JAN09		49	152,991.50
132-002		PDR WBS 162 Coil leads	1	20JAN09	20JAN09		49	1,387.28
132-011		Title II design WBS 162 Coil leads	155	21JAN09	27AUG09		150	158,843.56



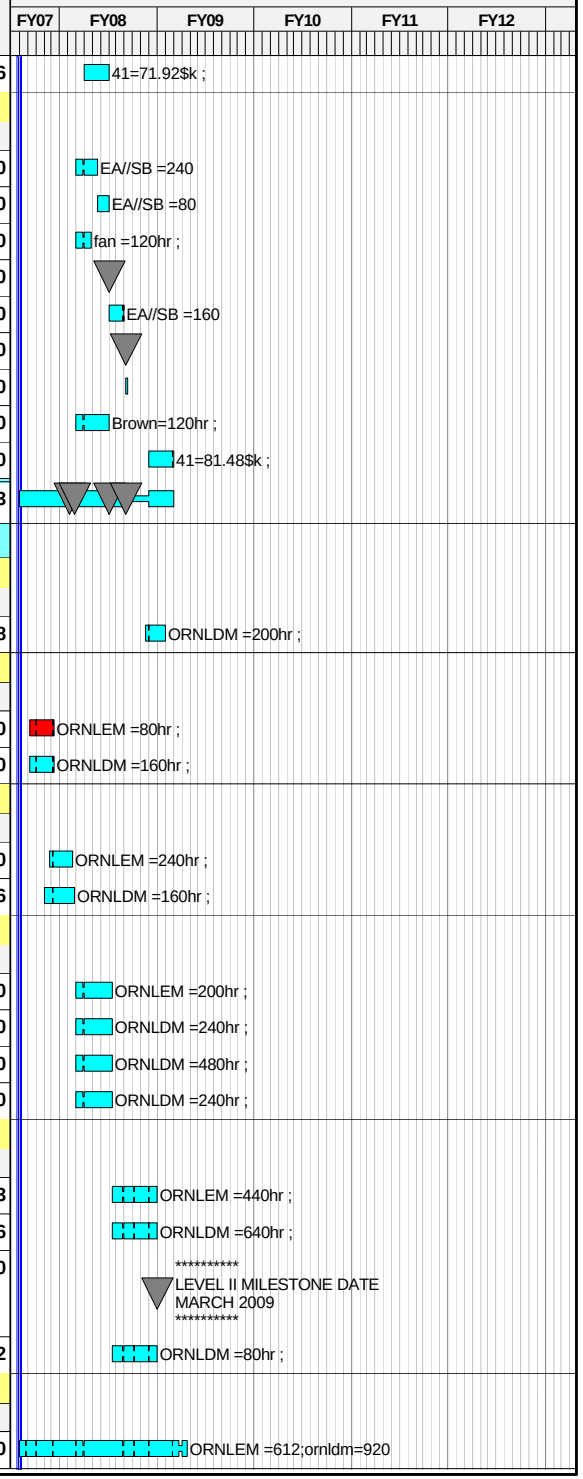
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
132-012		FDR WBS 162 Coil leads	1	28AUG09	28AUG09		150	1,387.28
132-015		Title III design WBS 162 Coil leads	99	31AUG09	29JAN10		222	19,579.88
132-037		Prep Req,Bid,Award Lead hardware and cables	25	31AUG09	05OCT09		150	0.00
132-038		Deliver Lead hardware and cables	65	06OCT09	18JAN10		150	114,187.68
132-047		Prep Req,Bid,Award Material for transition box	25	31AUG09	05OCT09		216	0.00
132-048		Deliver Material for Transition Boxes	40	06OCT09	02DEC09		216	9,909.44
132-049		Assemble Transition boxes (6)	40	03DEC09	08FEB10		216	20,462.40
163 - Coil Protection System								
163.001		Design Coil protection(input to WBS 4 & 5)	65	01OCT08*	12JAN09		80	38,150.20
Subtotal			688	01MAY07	08FEB10		667	861,844.98
17 - Cryostat and Base Support Structure								
Job: 1702 - Base Support Struct Design-DAHLGREN								
1702-510		Base support structure prel. design & analysis	40	01OCT07*	23NOV07		65	74,675.52
1702-515	3	Conduct PDR	1	26NOV07	26NOV07		65	743.04
1702-520		Final design. Assy dwgs, fab dwgs, BOMs,specs/SO	40	27NOV07	01FEB08		65	74,675.52
1702-525		Base Support Structure FDR	1	04FEB08	04FEB08		65	743.04
1702-525M	2	Base Support Structure FDR	0		04FEB08		65	0.00
1702-530		Resolve chits, issue dwgs for fab,Issue requisit	20	05FEB08	03MAR08		65	12,631.68
Subtotal			102	01OCT07	03MAR08		65	163,468.80
Job: 1752 - Base Support Proc-DAHLGREN								
172 - Base Support Structure								
161-036.8	3	Bid and award base support materials	25	15MAY08*	19JUN08		13	0.00
161-036.9	3	Deliver base support materials	65	20JUN08	22SEP08		13	51,587.52
161-037		PPPL assemble structure	35	23SEP08*	10NOV08		13	29,786.74
161-038		Title III	261	04MAR08*	19MAR09		886	8,277.26
Subtotal			261	04MAR08	19MAR09		886	89,651.52
Job: 1701 - Cryostat Design-GETTLEFINGER								
1701-100		Cryostat- Conceptual Design	65	01OCT08*	12JAN09		55	15,888.00
1701-101		Cryostat- Preliminary Design	70	21JAN09	28APR09		49	73,446.84
1701-102		Cryostat- Stress analysis	43	27FEB09*	28APR09		49	38,242.00
1701-103		Cryostat- Joint R&D	10	15APR09*	28APR09		49	3,298.40
1701-121		Cryostat- PDR	1	29APR09	29APR09		49	1,324.00



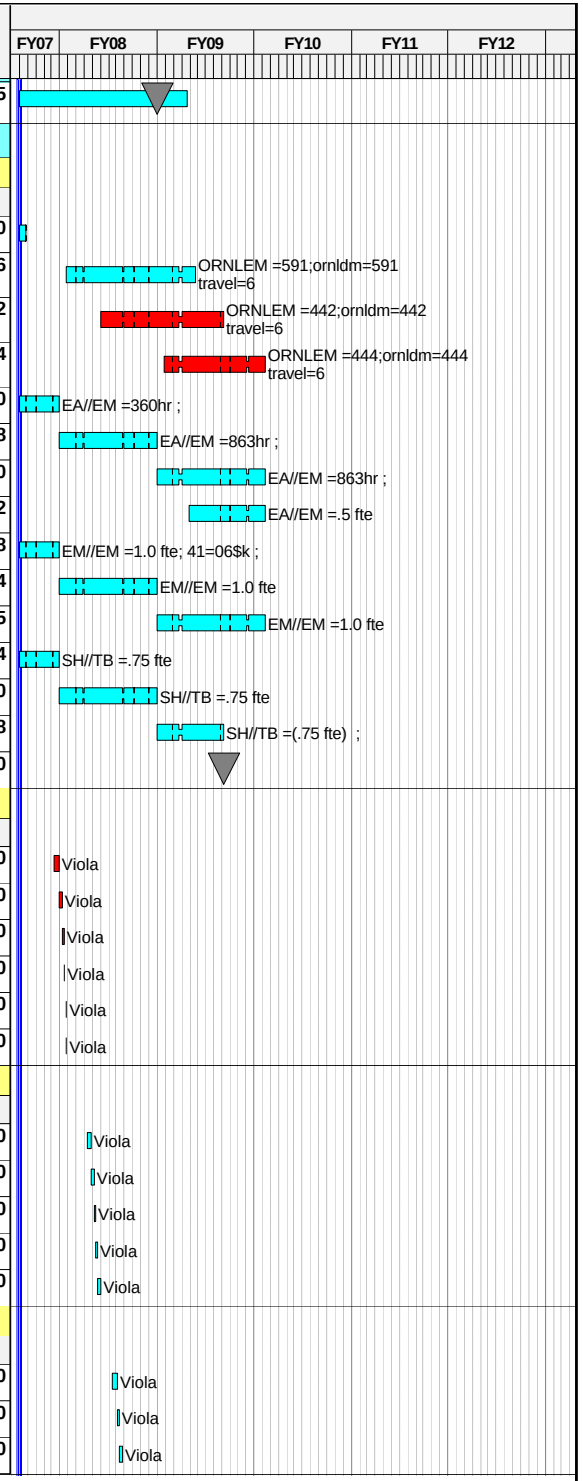
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
1701-131		Cryostat- Final Design	70	30APR09	07AUG09		49	73,446.84
1701-141		Cryostat- FDR	1	10AUG09	10AUG09		49	1,324.00
Subtotal			213	01OCT08	10AUG09		49	206,970.08
Job: 1751 - Cryostat Procurement-GETTLEFINGER								
1751-151		Cryostat- Procure Materials and Supplies	65	01OCT09*	13JAN10		122	174,575.12
1751-161		Cryostat- Fabricate Components	65	14JAN10	14APR10		122	88,670.40
1751-171		Cryostat- Title III	90	01OCT09	17FEB10		660	61,606.80
Subtotal			130	01OCT09	14APR10		620	324,852.32
18 - Field Period Assembly								
Job: 1803/1805- FPA Tooling/Constr-BROWN/DUDEK								
Station 2-Modular Coil Sub- Assembly								
1803-2.1		Assembly sequence plan drafted	28	01MAY07	08JUN07		65	0.00
1803-2.2		Procure 2 20degree wedge fixt (for total of 6)	90	04SEP07*	18JAN08		80	0.00
Station 3-Modular Coil to VVSA Assembly								
1803-3.2		Finalize drawings for internal review and outsid	3	25JUN07	27JUN07		111	0.00
1803-3.3		Analyze single point lift	10	28JUN07	12JUL07		111	9,756.88
1803-3.4	3	Stage 3 support FDR	1	13JUL07*	13JUL07		111	0.00
1803-3.5		Flange bolt/VV support access platform	8	02JUL07*	12JUL07		112	13,495.20
1803-3.6		Revise drawings per FDR input and release for Fa	2	16JUL07	17JUL07		111	5,398.08
1803-3.7		Transportation study (move between test cells)	2	18JUL07	19JUL07		173	4,498.40
1803-3.8		Generate laser trace drawing for each screen	20	16JUL07	10AUG07		157	8,996.80
1803-3.9		Assembly sequence plan and Installation procedur	18	01JUN07*	26JUN07		168	6,969.20
R1802-305		Metrology plan	20	01JUN07*	28JUN07		187	0.00
1803-3.10		VV/MC clearance report (for VVSA1, 2 and 3)	21	27JUN07	26JUL07		168	12,544.56
1803-3.11		Procure materials and fixture	88	18JUL07*	19NOV07		111	60,445.47
Station 5-Final Field Period Assembly								
1803-5.1		Complete FP support models	50	01AUG07*	10OCT07		127	27,276.48
1803-5.5		Design followup & prelim analysis	20	01AUG07*	28AUG07		187	10,453.80
1803-5.2		Complete platform models	15	11OCT07	31OCT07		127	9,592.80
1803-5.3		PDR	0		07NOV07		127	0.00
R1802-503		Sequence plan	20	02MAY07*	30MAY07		240	0.00
1803-5.4		Structural Analysis	10	08NOV07*	21NOV07		127	11,145.60
1803-5.6	3	Station 5 FDR	0		21NOV07		127	0.00
1803-5.7		Complete dwg package and release for Fa	20	22NOV07	21DEC07		127	14,389.20
1803-5.8		Complete models and dwgs for test cell metrology	9	02JAN08	14JAN08		163	19,185.60



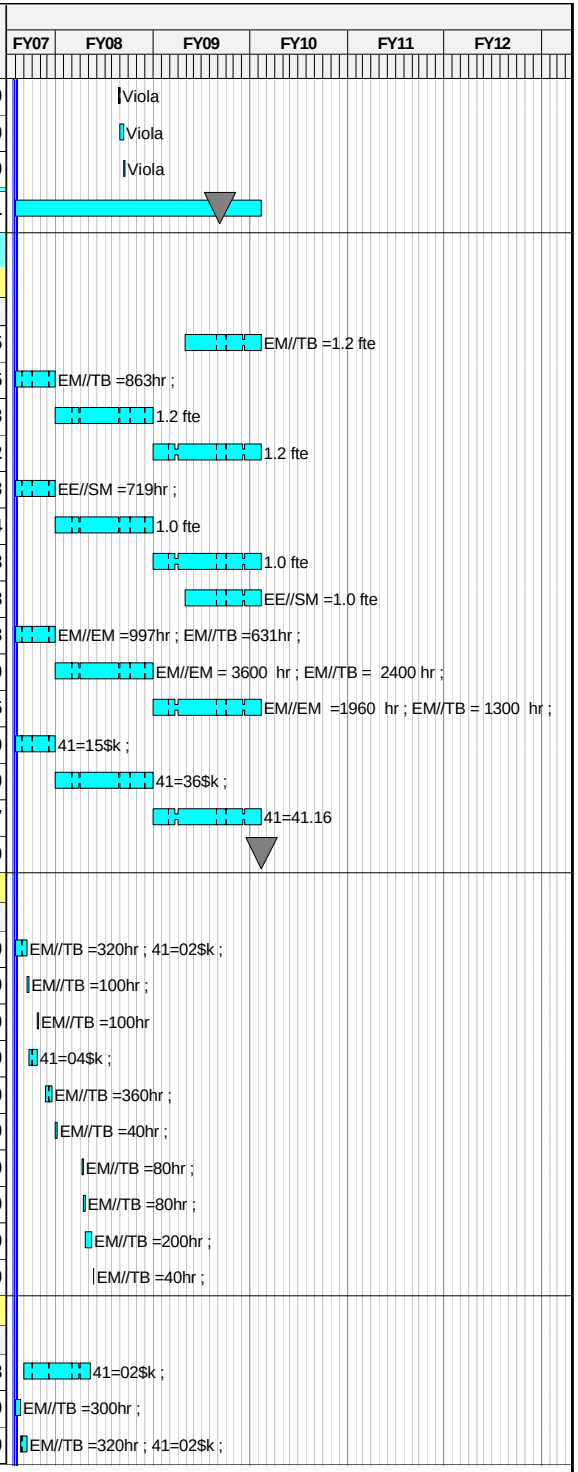
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
1803-5.9		Procure materials and fixture (2 stations)	65	02JAN08	01APR08		127	94,071.36
6.00-Final Machine Assembly								
1803-6.1		Complete Stage 6 support models	50	03DEC07*	19FEB08		69	28,778.40
1803-6.2		Complete platform models	30	20FEB08	01APR08		69	9,592.80
1803-6.3		Structural Analysis	30	03DEC07*	22JAN08		119	22,291.20
1803-6.4		PDR	0		01APR08		69	0.00
1803-6.5		Complete drawing package	40	02APR08	28MAY08		69	19,185.60
1803-6.6	3	Station 6 FDR	0		04JUN08		69	0.00
1803-6.7		Revise drawings per FDR input and release for Fa	5	05JUN08	11JUN08		69	0.00
1803-6.9		Design followup and prelim analysis	82	03DEC07*	03APR08		112	22,291.20
1803-6.8		Procure materials and fixture	65	02SEP08*	03DEC08		13	111,484.70
Subtotal			400	01MAY07	03DEC08		13	521,843.33
Job: 1806 - FP Assembly specs and drawings-COLE								
1.00-VV Prep Station								
1803-609	3	Detail dwgs-spool piece	50	22AUG08	31OCT08		288	17,008.28
Station 2-Modular Coil Sub- Assembly								
C								
1803-201	3	Station 2 Assembly Specification	65	11JUN07*	11SEP07		0	12,457.60
1803-205	3	Station 2 Assembly Drawings	65	11JUN07*	11SEP07		14	13,200.00
Station 3-Modular Coil to VVSA Assembly								
1803-301		Station 3 Assembly Specification	60	24AUG07*	16NOV07		88	38,218.40
1803-305		Station 3 Assembly Drawings	80	02AUG07*	22NOV07		84	13,287.36
Station 5-Final Field Period Assembly								
1803-501		Station 5 Assembly Specification	90	03DEC07*	15APR08		97	32,352.00
1803-505		Station 5 Assembly Drawings	90	03DEC07*	15APR08		97	20,068.80
1803-509		Field period Assy Dwgs	90	03DEC07*	15APR08		97	40,137.60
1803-611		Detail dwgs-welding ports	90	03DEC07*	15APR08		97	20,068.80
6.00-Final Machine Assembly								
1803-601		Station 6 Assembly Specification	120	15APR08*	02OCT08		30	71,259.83
1803-605		Station 6 Assembly Drawings	120	15APR08*	02OCT08		30	53,549.76
1803-605M	2	Station 6 Specification & Assy Drawings Complete	0		02OCT08		30	0.00
1803-613		Detail dwgs-man access port	120	15APR08*	02OCT08		30	6,693.72
1803-010		Models,design reviews, meetings,reporting,	430	01MAY07*	23JAN09		925	176,478.50



Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
Subtotal			430	01MAY07	23JAN09		925	514,780.65
Job: 1802 - FP Assy Oversight&Support-VIOLA								
Oversight and Supervision								
1802MAY		May cost incr	20	01MAY07*	29MAY07		1,335	15,000.00
1802ORNL02		ORNL Title III field period assy station 2	326*	24OCT07	19FEB09		4	152,828.16
1802ORNL03		ORNL Title III field period assy station 3	318*	03MAR08	08JUN09		0	117,143.02
1802ORNL05		ORNL Title III field period assy station 5	260*	30OCT08	13NOV09		0	122,171.24
R1802-001		Metrology Engr Super FY07	106*	01MAY07*	28SEP07		1,249	62,722.80
R1802-003		Metrology Engr Super FY08	250*	01OCT07*	30SEP08		999	160,310.88
R1802-004		Metrology Engr Super FY09	281*	01OCT08*	13NOV09		718	194,695.10
R1802-004S		Metrology Engr Super FY09 (2n shft suprt .5 fte	203*	30JAN09*	13NOV09	2	718	134,631.52
R1802-005		FPA Management FY07	106*	01MAY07*	28SEP07		1,249	115,712.78
R1802-007		FPA Management FY08	250*	01OCT07*	30SEP08		999	277,523.54
R1802-008		FPA Management FY09	281*	01OCT08*	13NOV09		718	322,131.05
R1802-013		HP Coverage in the TFTR TC LOE FY07	106*	01MAY07*	28SEP07		1,249	59,214.54
R1802-015		HP Coverage in the TFTR TC LOE FY08	250*	01OCT07*	30SEP08		999	149,857.40
R1802-016		HP Coverage in the TFTR TC LOE FY09	169*	01OCT08*	08JUN09		830	104,271.28
R1810-098		Station 3 complete	0		08JUN09		830	0.00
Station 2 procedures,JHA,ACC,Training,Prep								
C								
R1802-207		Procedures written & approved	14	12SEP07	01OCT07		0	0.00
R1802-209		JHA completed	6	02OCT07	09OCT07		0	0.00
R1802-211		Training needs identified & released	6	10OCT07	17OCT07		0	0.00
R1802-213		ACC review completed	2	18OCT07	19OCT07		0	0.00
R1802-215		Pre-job brief completed	1	22OCT07	22OCT07		0	0.00
R1802-217		Station 2 operational	1	23OCT07	23OCT07		0	0.00
Station 3 procedures,JHA,ACC,Training,Prep								
R1802-307		Procedures written & approved	10	15JAN08	28JAN08		56	0.00
R1802-309		JHA completed	6	29JAN08	05FEB08		56	0.00
R1802-311		Training needs identified & released	6	06FEB08	13FEB08		56	0.00
R1802-313		ACC review completed	6	14FEB08	21FEB08		56	0.00
R1802-315		Pre-job brief completed	6	22FEB08	29FEB08		56	0.00
Station 5 procedures,JHA,ACC,Training,Prep								
R1802-507		Procedures written & approved	14	16APR08	05MAY08		97	0.00
R1802-509		JHA completed	6	06MAY08	13MAY08		97	0.00
R1802-519		Fixtures installed	6	14MAY08	21MAY08		97	0.00



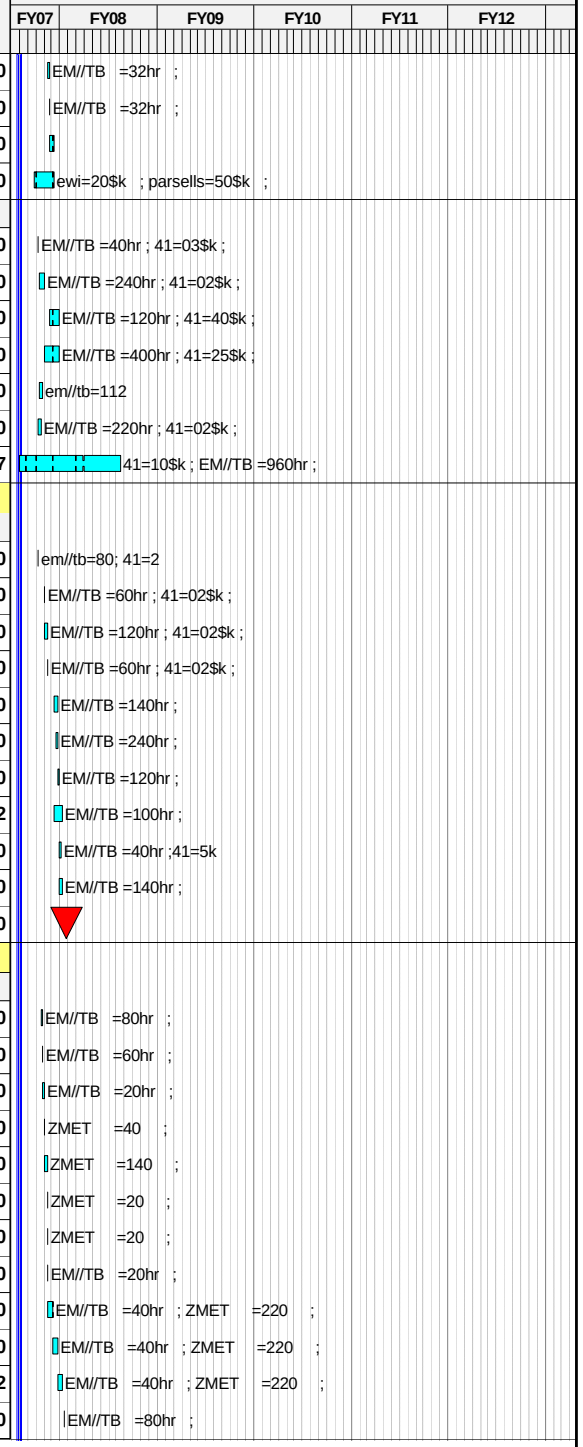
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
R1802-511		Training needs identified & released	6	22MAY08	30MAY08		97	0.00
R1802-513		ACC review completed	7	02JUN08	10JUN08		97	0.00
R1802-515		Pre-job brief completed	7	11JUN08	19JUN08		97	0.00
Subtotal			637	01MAY07	13NOV09		718	1,988,213.31
Job:1810-Field Period Assy -Station 1,2,3 VIOLA								
General Assy Support								
R1801-004S		LOE Crane support, fixt setup (2nd shft 1.2 fte	203*	30JAN09*	13NOV09	2	718	139,343.95
R1810-001		LOE Crane support, fixture setupfor FY07	106*	01MAY07*	28SEP07		1,249	64,854.45
R1810-003		LOE Crane support, fixture setupfor FY08	250*	01OCT07*	30SEP08		999	165,923.83
R1810-004		LOE Crane support, fixture setupfor FY09	281*	01OCT08*	13NOV09		718	192,599.92
R1810-005		LOE Field Supervision for FY07	106*	01MAY07*	28SEP07		1,249	96,036.83
R1810-007		LOE Field Supervision for FY08	250*	01OCT07*	30SEP08		999	245,765.14
R1810-008		LOE Field Supervision for FY09	281*	01OCT08*	13NOV09		718	285,266.98
R1810-008S		LOE Field Supervision for 2nd shft 1.0 fte	203*	30JAN09*	13NOV09	2	718	206,388.38
R1810-009		LOE Metrology sprt FY07 1.5 fte EM & 1.0 fte TB	106*	01MAY07*	28SEP07		1,249	197,832.33
R1810-011		LOE Metrology sprt FY08 1.5 fte EM & 1.0 fte TB	250*	01OCT07*	30SEP08		999	771,108.00
R1810-012		LOE Metrology sprt FY09 1.5 fte EM & 1.0 fte TB	281*	01OCT08*	13NOV09		718	433,249.15
R1810-013		Misc M&S FY07	106*	01MAY07*	28SEP07		1,249	19,140.00
R1810-015		Misc M&S FY08	250*	01OCT07*	30SEP08		999	47,088.00
R1810-016		Misc M&S FY09	281*	01OCT08*	13NOV09		718	57,664.57
R1810-099		Station 5 complete	0		13NOV09		718	0.00
Station 1-VV Prep (hard surface components) FP#1								
R1810-1105		Instl cooling lines & Weld cooling/htg risers	31	01MAY07*	13JUN07	1	340	49,145.00
R1810-1107		Verify Instl of H/C lines,headers,manifolds	5	14JUN07	20JUN07	1	340	7,515.00
R1810-1108		Perform final acceptance testing (H/C flow test)	5	20JUL07	26JUL07	1	320	7,515.00
R1810-1115		Purchase pump	20	21JUN07*	19JUL07	1	320	5,104.00
R1810-1109		Loop termination & verification	18	23AUG07	18SEP07	1	187	27,054.00
R1810-1112		Trim seal plates	2	01OCT07*	02OCT07	1	275	3,204.40
R1810-1110		Install Final Internal&Ext monuments & meas	4	09JAN08	14JAN08	1	116	6,408.80
R1810-1111		Final Scan	4	15JAN08	18JAN08	1	116	6,408.80
R1810-1114		Install heater tape on all removable ports	20	21JAN08	15FEB08	1	116	16,022.00
R1810-1113		Prepare &transfer completed VV to holding area	2	18FEB08	19FEB08	1	116	3,204.40
Station 1- VV Prep (hrd surf cmpntsFP#2								
R1810-1203		Misc Hardware	170	01JUN07*	08FEB08		1,163	2,584.38
R1810-1209		Install cooling/htg lines to vac vsl	15	01MAY07	21MAY07	1	237	22,545.00
R1810-1211		Weld cooling/htg risers	16	22MAY07	13JUN07	1	237	26,600.00



Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
R1810-1213		Verify Instl of H/C lines,headers,manifolds	5	14JUN07	20JUN07	1	390	7,515.00
R1810-1208		Perform final acceptance testing (H/C flow test)	5	21JUN07	27JUN07	1	390	12,619.00
R1810-1212		Trim seal plates	2	26OCT07*	29OCT07	1	258	3,204.40
R1810-1215		Loop termination & verification	18	26NOV07	21DEC07	1	239	28,839.60
R1810-1216		Install Final Internal&Ext monuments & meas	4	02JAN08	07JAN08	1	239	6,408.80
R1810-1217		Final Scan	4	08JAN08	11JAN08	1	239	6,408.80
R1810-1214		Install heater tape on all removable ports	20	14JAN08	08FEB08	1	239	16,022.00
R1810-1219		Prepare& transfer completed VV to holding area	2	11FEB08	12FEB08	1	239	3,204.40
Station 1- VV Prep (hrd surf cmpntsFP#3								
R1810-1303		Misc Hardware	139	15MAY07*	28NOV07		1,206	2,571.80
R1810-1304		Layout diag &coolant paths on vessel	12	01MAY07	16MAY07	1	450	18,036.00
R1810-1305		Install heater tape on vertical ports	7	17MAY07	25MAY07	1	450	10,521.00
R1810-1307		Verify installation of heater tapes	1	02JUL07*	02JUL07	1	442	1,503.00
R1810-1309		Attach studs forcoolant lines	3	03JUL07	06JUL07	1	442	4,509.00
R1810-1300		Install Templates	3	25JUN07*	27JUN07	1	227	4,509.00
R1810-1311		Wind magnetic diagnostic sensors	14	11JUL07*	30JUL07	1	219	21,042.00
R1810-1313		Install precision magnetic diagnostic sensors	3	31JUL07	02AUG07	1	219	4,509.00
R1810-1315		Verify installation magnetic diagnostic sensors	4	03AUG07	08AUG07	1	219	6,012.00
R1810-1317		Install local I&C (incl thermocouples)	5	09AUG07	15AUG07	1	356	7,515.00
R1810-1319		Verify installation of local I&C	2	16AUG07	17AUG07	1	356	3,006.00
R1810-1321		Install cooling/htg lines to vac vsl	10	20AUG07	31AUG07	1	356	22,545.00
R1810-1323		Weld cooling/htg risers	10	04SEP07	17SEP07	1	356	24,048.00
R1810-1325		Verify Instl of H/C lines,headers,manifolds	5	18SEP07	24SEP07	1	356	7,515.00
R1810-1308		Perform final acceptance testing (H/C flow test)	5	25SEP07	01OCT07	1	356	7,614.20
R1810-1312		Trim seal plates	2	30OCT07	31OCT07	1	360	3,204.40
R1810-1327		Loop termination & verification	18	02JAN08	25JAN08	1	299	28,839.60
R1810-1328		Install Final Internal&Ext monuments & meas	4	28JAN08	31JAN08	1	299	6,408.80
R1810-1329	3	Final Scan	4	01FEB08	06FEB08	1	299	6,408.80
R1810-1314		Install heater tape on all removable ports	20	15FEB08*	13MAR08	1	273	16,022.00
R1810-1331		Prepare & transfer completed VV to holding area	2	14MAR08	17MAR08	1	273	3,204.40
Station 1-Spool pieces (3) (spacers)								
R1810-1S03		Attachdiagnostics, studs and coolant lines	17	03NOV08*	25NOV08	1	288	28,036.40
R1810-1S04		Install Final Internal&Ext monuments & meas	2	26NOV08	01DEC08	1	288	3,298.40
Station 2 Trials & Development								
Water jet cut A/B flange weld test								
INTRF-035		PPPL Determine shim material	23	01MAY07	01JUN07		59	6,969.20
INTRF-001		PPPL buy SS plate for weld trials	10	04JUN07	15JUN07		1,322	40,762.56
PHIL-02		weld shim DXF files complete	1	28JUN07*	28JUN07		18	0.00

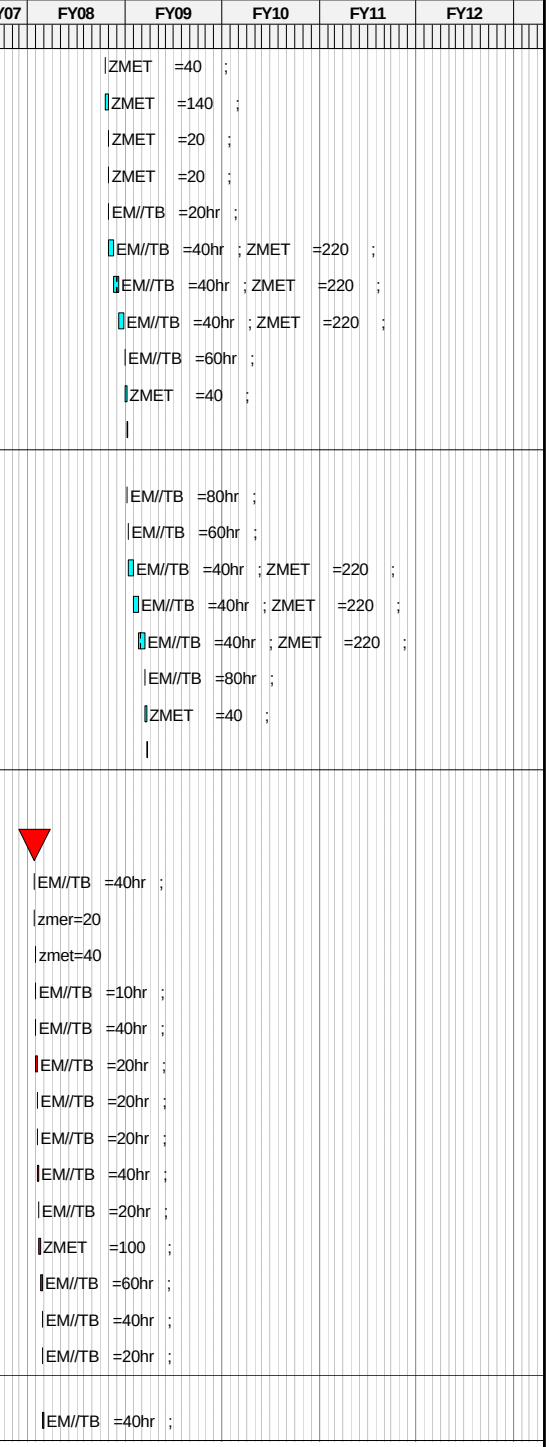
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
PHIL-03		complete CAD model of weld test specimen	1	06JUL07*	06JUL07		13	0.00
PHIL-04		water jet cut shims for A/B flange weld test	3	09JUL07	11JUL07		13	1,803.60
PHIL-05		solution anneal shims (note: shims not ground).	1	12JUL07	12JUL07		16	991.36
PHIL-06		assemble shims&flanges;grind relief in flanges	3	13JUL07	17JUL07		16	3,607.20
PHIL-07		weld & monitor distortion; improvise clamping	3	18JUL07	20JUL07		16	3,607.20
PHIL-08		analyze results at PPPL	2	23JUL07	24JUL07		16	0.00
PHIL-09		analyze welds at EWI	10	25JUL07	07AUG07		16	0.00
Casting Weld Tests								
PHIL-11		Mount A6 on angle plate	1	25JUN07*	25JUN07		22	1,202.40
PHIL-12		Weld fiducials on A6 & B6	2	10JUL07*	11JUL07		13	2,404.80
PHIL-13		Measure A6 casting	2	12JUL07	13JUL07		13	0.00
PHIL-14		Develop metrology plan for station 2	65*	01JUN07	31AUG07		6	0.00
PHIL-15		Remove A6 & lower & grout wedge	4	16JUL07	19JUL07		13	4,809.60
PHIL-16		Re-mount A6 on wedge	2	20JUL07	23JUL07		13	2,404.80
PHIL-17		Re-measure A6	2	24JUL07	25JUL07		13	0.00
PHIL-18		Measure B6 on wedge	2	26JUL07	27JUL07		13	2,404.80
PHIL-19		Place B6 on A6; Meas B6 casting use A6 as base	2	30JUL07	31JUL07		15	0.00
PHIL-20		Complete CAD model for dimensional ref.	3	01AUG07	03AUG07		15	0.00
PHIL-21		Prepare angle plate dogs & chocks	4	10JUL07*	13JUL07		71	4,809.60
PHIL-22		Water jet cut outboard 0,5" stk 316 SS shims	4	12JUL07	17JUL07		13	2,404.80
PHIL-23		Water jet cut inboard 0.625 316 SS	3	18JUL07	20JUL07		13	1,803.60
PHIL-24		Assemble castings,align torque&meas inbd. shims	4	23JUL07	26JUL07		13	4,809.60
PHIL-25		Purchase (2) grinding machines	45	13JUL07*	14SEP07		23	51,040.00
PHIL-26		Grind inbd. Shims to thickness (outside shop)	4	27JUL07	01AUG07		13	1,276.00
PHIL-27		Solution anneal shims	2	02AUG07	03AUG07		13	1,982.72
PHIL-28		bushing drawings complete	0	02JUL07*	29JUN07		54	0.00
PHIL-29		fabricate stock bushings	5	09JUL07*	13JUL07		55	0.00
PHIL-30		Zenex - fabricate eccentric bushings	5	09JUL07*	13JUL07		50	1,658.80
PHIL-31		Receive hardware - studs, washers	0	20JUL07*	19JUL07		19	0.00
PHIL-32		Align castings	2	30JUL07	31JUL07		13	2,404.80
PHIL-33		Fit&install bushings 25% stock, 25% eccentric	5	01AUG07	07AUG07		38	6,012.00
PHIL-34		Weld procedure/weld qual.	7	09JUL07*	17JUL07		31	4,208.40
PHIL-35		Purchase weld on strain gauges	14	09JUL07*	26JUL07		16	0.00
PHIL-36		Install strain gauges	5	27JUL07	02AUG07		16	4,956.80
PHIL-37		Set up dial ind., CMM, transit system	5	01AUG07	07AUG07		13	3,006.00
PHIL-38		Install all shims and adjust bushings	2	06AUG07	07AUG07		13	2,404.80
PHIL-39		Final align and baseline measurements	3	08AUG07	10AUG07		13	5,410.80
PHIL-40		Perform 25% of welding & measure	2	13AUG07	14AUG07		13	2,404.80
PHIL-41		Perform 50% of welding & measure	2	15AUG07	16AUG07		13	2,404.80

Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
PHIL-42		Perform 75% of welding & measure	2	17AUG07	20AUG07		13	2,404.80
PHIL-43		finish welding & measure	2	21AUG07	22AUG07		13	2,404.80
PHIL-44		Analyze data; write report	14	23AUG07	12SEP07		13	0.00
R1810-2050		Consulting support for welding trials	56	25JUN07*	12SEP07		1,261	89,320.00
R1810-2003		Trial tensioning test on prototype with UT	3	09JUL07*	11JUL07	1	43	6,834.00
R1810-2005		Trial bushing and shim test on prototype	12	16JUL07*	31JUL07	1	29	20,588.00
R1810-2011		Alignment mechanisms, metro equipt &positioning	26	23AUG07*	28SEP07	1	15	60,058.00
R1810-2013		Procure alignment mechanisms, fiducials, lifting	40	02AUG07*	27SEP07	1	17	61,960.00
R1810-2052		Bushing test B-C	7	18JUL07*	26JUL07	1	27	8,416.80
R1810-2017		Determine fiducial types&locations	11	09JUL07*	23JUL07	1	35	19,085.00
R1810-2001		Misc Hardware and hardware rework (1/2 fte loe)	260	01MAY07	14MAY08	1	1,095	87,913.87
Setup								
R1810-2023		Install FIRST Holding 20 deg fixture	4	09JUL07*	12JUL07	1	70	8,564.00
R1810-2025		Install SECOND Holding 20 deg fixture	3	01AUG07*	03AUG07	1	45	7,061.00
R1810-2027		Install THIRD Holding 20 deg fixture	6	06AUG07*	13AUG07	1	45	11,570.00
R1810-2029		Install LAST Holding 20 deg fixture	3	14AUG07*	16AUG07	1	45	7,061.00
R1810-2004		Receive Drawings & Hardware (shims & Bolts)	7	12SEP07	20SEP07	1	163	10,521.00
R1810-2006		Surface grind set of metal shims for qualificat	4	17SEP07*	20SEP07	1	23	18,036.00
R1810-207		Compress alumina shims and sort	6	20SEP07*	27SEP07	1	18	9,018.00
R1810-209		Perform metrology setup & checks	22	10SEP07*	09OCT07	1	10	7,672.82
R1810-2021		Tools&tooling available for FPA operations	2	01OCT07	02OCT07	1	15	9,744.40
R1810-2002		Test out Equip & Procedures	7	02OCT07	10OCT07	1	9	11,215.40
R1810-2108		HARDWARE,DRAWINGS,& PROCURES AVAILABLE	0		23OCT07	1	0	0.00
Pre-Measuring and fitup checks								
Pre measurement of MCHP A1,B1,C1 flanges								
S21-1.01		Verify mating MC's A1,B1,C1	4	20JUL07*	25JUL07	1	1	6,012.00
S21-1.02		Epoxy paint all close fitting interfacing surfac	3	26JUL07	30JUL07	1	1	4,509.00
S21-2.01		Set A1 on pre-measured fixt, "B" side down	1	31JUL07	31JUL07	1	1	1,503.00
S21-2.02		Align to the conical seats locking into of 8	2	01AUG07	02AUG07	1	1	0.00
S21-2.03		Estab global coord sys on mc geometry. Meas monu	7	03AUG07	13AUG07	1	1	0.00
S21-2.04		Meas tooling ball monuments on winding form.	1	14AUG07	14AUG07	1	1	0.00
S21-2.05		Scan the "A" flange of the Type-A1 coil.	1	15AUG07	15AUG07	1	1	0.00
S21-2.07		Remove A1 coil from stand	1	16AUG07	16AUG07	1	1	1,503.00
S21-2.08		Measure B1 "A" flange	14	17AUG07	06SEP07	1	1	3,006.00
S21-2.11		Measure C1 "A" flange	13	07SEP07	25SEP07	1	1	3,006.00
S21-2.14		Measure Type A1-A2 "A" flange	13	26SEP07	12OCT07	1	1	3,158.62
S21-3.02		Grind shims first article f/assy process qu	4	15OCT07	18OCT07	1	1	6,408.80



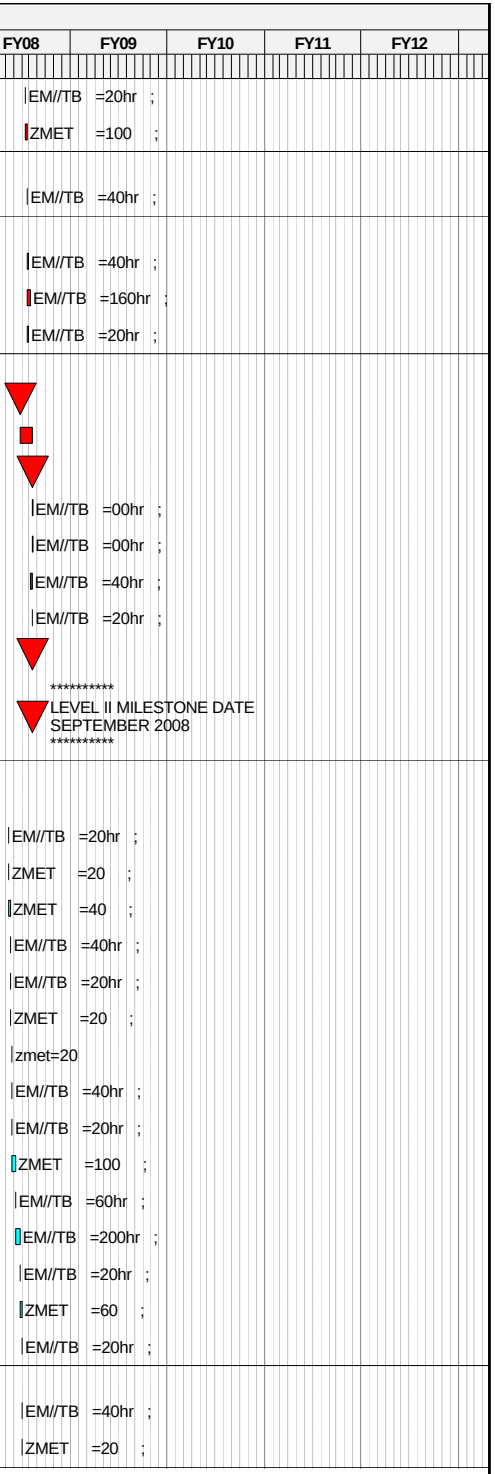
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
S21-4.02		Perform metrology set-up and checks	2	19OCT07	22OCT07	1	1	0.00
S21-3.03		Ready For Preassembly A1B1C1	0		22OCT07	1	1	0.00
Pre measurement of MCHP A2,B2,C2 flanges								
S22-1.01		Verify mating MC's of MCHP will come together	4	23OCT07	26OCT07		4	6,408.80
S22-1.02		Epoxy paint all close fitting interfacing surfac	3	29OCT07	31OCT07		4	4,806.60
S22-2.08		Measure B2 "A" flange	14	01NOV07	20NOV07	1	4	3,204.40
S22-2.11		Measure C2 "A" flange	13	21NOV07	11DEC07	1	4	3,204.40
S22-2.14		Measure Type A1-A2 "A" flange	13	12DEC07	08JAN08	1	4	3,204.40
S22-3.02		Compress alumina shims sort by thickness	4	09JAN08	14JAN08		4	6,408.80
S22-4.02		Perform metrology set-up and checks	2	15JAN08	16JAN08		4	0.00
S22-4.03		Ready For Preassembly A2B2C2	0		16JAN08		4	0.00
Pre measurement of MCHP A3,B3,C3 flanges								
S23-1.01		Verify mating MC's of MCHP will come together	4	17JAN08	22JAN08		4	6,408.80
S23-1.02		Epoxy paint all close fitting interfacing surfac	3	23JAN08	25JAN08		4	4,806.60
S23-2.01		Set the A3 coil on fixture, A side flange down	1	28JAN08	28JAN08		4	1,602.20
S23-2.02		Align to the conical seats locking into min of 8	2	29JAN08	30JAN08		4	0.00
S23-2.03		Measure monuments on fixture and walls.	7	31JAN08	08FEB08		4	0.00
S23-2.04		Measure tooling ball monuments	1	11FEB08	11FEB08		4	0.00
S23-2.05		Scan the B flange of A3	1	12FEB08	12FEB08		4	0.00
S23-2.07		Remove A3 move to holding area.	1	13FEB08	13FEB08		4	1,602.20
S23-2.08		Measure B3 "A" flange	14	14FEB08	04MAR08		4	3,204.40
S23-2.11		Measure C3 "A" flange	13	05MAR08	21MAR08		4	3,204.40
S23-2.14		Measure Type A3-A4 "A" flange	13	24MAR08	09APR08		4	3,204.40
S23-3.02		Compress alumina shims sort by thickness	4	10APR08	15APR08		4	4,806.60
S23-4.02		Perform metrology set-up and checks	2	16APR08	17APR08		4	0.00
S23-4.03		Ready For Preassembly A3B3C3	0	18APR08	17APR08		4	0.00
Pre measurement of MCHP A4,B4,C4 flanges								
S24-1.01		Verify mating MC's of MCHP will come together	4	18APR08	23APR08		4	6,408.80
S24-1.02		Epoxy paint all close fitting interfacing surfac	3	24APR08	28APR08		4	4,806.60
S24-2.08		Measure B4 "A" flange	14	29APR08	16MAY08	1	4	3,204.40
S24-2.11		Measure C4 "A" flange	13	19MAY08	05JUN08	1	4	3,204.40
S24-2.14		Measure Type A3-A4 "A" flange	13	06JUN08	24JUN08	1	4	3,204.40
S24-3.02		Compress alumina shims sort by thickness	4	25JUN08	30JUN08		4	6,408.80
S24-4.02		Perform metrology set-up and checks	2	01JUL08	02JUL08		4	0.00
S24-4.03		Ready For Preassembly A4B4C4	0	03JUL08	02JUL08		4	0.00
Pre measurement of MCHP A5,B5,C5 flanges								
S25-1.01		Verify mating MC's of MCHP will come together	4	03JUL08	09JUL08		4	6,408.80
S25-1.02		Epoxy paint all close fitting interfacing surfac	3	10JUL08	14JUL08		4	4,806.60
S25-2.01		Set the A5 coil on fixture, A side flange down	1	15JUL08	15JUL08		4	1,602.20

Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
S25-2.02		Align to the conical seats locking into min of 8	2	16JUL08	17JUL08		4	0.00
S25-2.03		Measure monuments on fixture and walls.	7	18JUL08	28JUL08		4	0.00
S25-2.04		Measure tooling ball monuments	1	29JUL08	29JUL08		4	0.00
S25-2.05		Scan the B flange of A5	1	30JUL08	30JUL08		4	0.00
S25-2.07		Remove A5 move to holding area.	1	31JUL08	31JUL08		4	1,602.20
S25-2.08		Measure B5 "A" flange	14	01AUG08	20AUG08		4	3,204.40
S25-2.11		Measure C5 "A" flange	13	21AUG08	09SEP08		4	3,204.40
S25-2.14		Measure Type A5-A6 "A" flange	13	10SEP08	26SEP08		4	3,204.40
S25-3.02		Compress alumina shims sort by thickness	4	29SEP08	02OCT08		4	4,877.10
S25-4.02		Perform metrology set-up and checks	2	03OCT08	06OCT08		4	0.00
S25-4.03		Ready For Preassembly A5B5C5	0	07OCT08	06OCT08		4	0.00
Pre measurement of MCHP A6,B6,C6 flanges								
S26-1.01		Verify mating MC's of MCHP will come together	4	07OCT08	10OCT08		4	6,596.80
S26-1.02		Epoxy paint all close fitting interfacing surfac	3	13OCT08	15OCT08		4	4,947.60
S26-2.08		Measure B6 "A" flange	14	16OCT08	04NOV08	1	4	3,298.40
S26-2.11		Measure C6 "A" flange	13	05NOV08	21NOV08	1	4	3,298.40
S26-2.14		Measure Type A5-A6"A" flange	13	24NOV08	12DEC08	1	4	3,298.40
S26-3.02		Compress alumina shims sort by thickness	4	15DEC08	18DEC08		4	6,596.80
S26-4.02		Perform metrology set-up and checks	2	19DEC08	22DEC08		4	0.00
S26-4.03		Ready For Preassembly A6B6C6	0	23DEC08	22DEC08		4	0.00
Station 2-MC Sub Assy A1-B1-C1								
Pre-assemble A1-A2								
S21-5.00		BEGIN A-A Pre-assembly	0		23OCT07	1	0	0.00
S21-5.01		Place A2 "B" side down. Obtain fiduals	2	24OCT07	25OCT07	1	0	3,204.40
S21-5.02		Align to the conical seats locking into 8.	1	26OCT07	26OCT07	1	0	0.00
S21-5.03		Meas monuments on fixture & walls.	2	29OCT07	30OCT07	1	0	0.00
S21-5.04		Place shims on coil identical to A1-A2 fit up	1	31OCT07	31OCT07	1	0	801.10
S21-5.05		Install dial indicators on the MC to see deflec	1	01NOV07	01NOV07	1	0	3,204.40
S21-5.06		Lower mating A1 modular coil into position.	1	02NOV07	02NOV07	1	0	1,602.20
S21-5.07		Meas monuments bottom coil. Jack to .002"	1	05NOV07	05NOV07	1	0	1,602.20
S21-5.08		Using 3 points, position as was done inA1A2 fit	1	06NOV07	06NOV07	1	0	1,602.20
S21-5.09		Torque to 50%	2	07NOV07	08NOV07	1	0	3,204.40
S21-5.1		Make "wiggle" test Tighten bolt and recheck.	1	09NOV07	09NOV07	1	0	1,602.20
S21-5.11		Meas tooling balls both coils.	5	12NOV07	16NOV07	1	0	0.00
S21-5.12		Adjust shims locally. Re-torque all studs to 50%	3	19NOV07	21NOV07	1	0	4,806.60
S21-5.14		Install A-A locator bushings	2	22NOV07	23NOV07	1	0	3,204.40
S21-5.15		Remove studs,nuts,shims. Identify shim locations	1	26NOV07	26NOV07	1	0	1,602.20
A-B Assembly								
S21-6.01		Place Type A "A" side down. Obtain fiduals	2	27NOV07	28NOV07	1	0	3,204.40



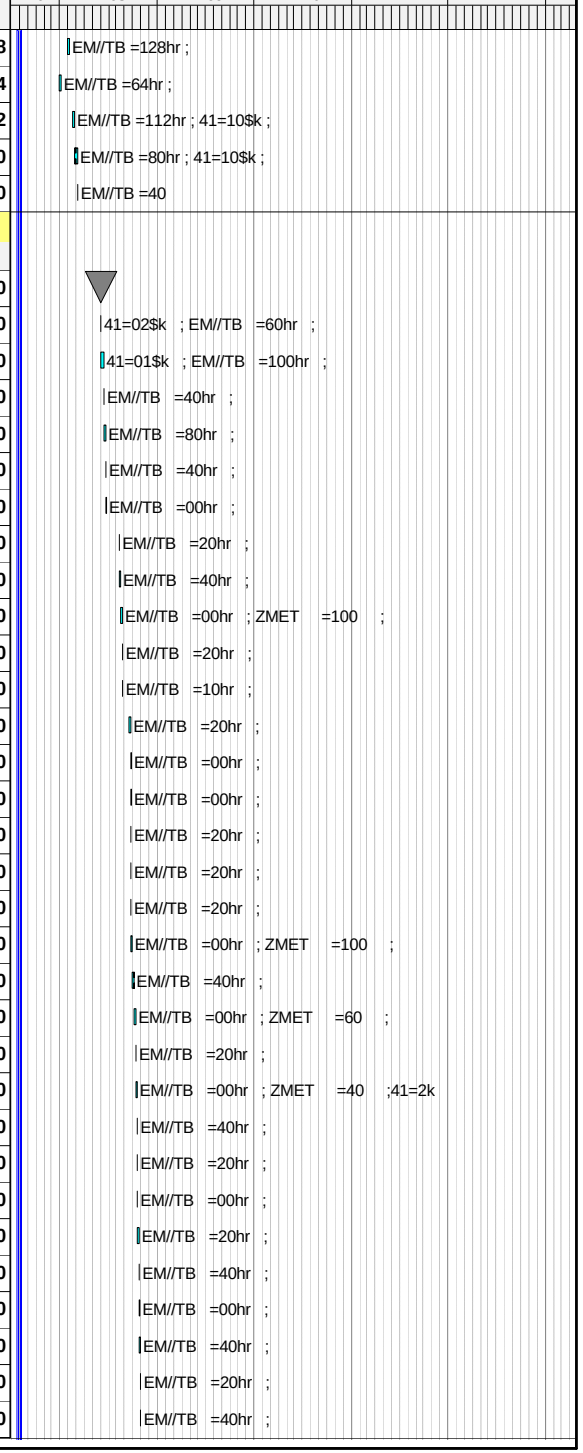
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
S21-6.02		Align to the conical seats locking into 8.	1	03DEC07	03DEC07	1	0	0.00
S21-6.03		Meas monuments on fixture & walls.	2	04DEC07	05DEC07	1	0	0.00
S21-6.04		Place the an initial set shims on coil	2	06DEC07	07DEC07	1	0	3,204.40
S21-6.041		Stuff shim bag w/fiberglass & place on wing	1	10DEC07	10DEC07	1	0	400.55
S21-6.05		Lower the Type-B coil onto the Type-A coil.	1	11DEC07	11DEC07	1	0	1,602.20
S21-6.06		Measure monuments on A coil. Jack to .002”	1	12DEC07	12DEC07	1	0	1,602.20
S21-6.061		instl dial indicators for x-y positioning	1	13DEC07	13DEC07	1	0	1,602.20
S21-6.07		Perform the X-Y positioning of the B coil.	1	14DEC07	14DEC07	1	0	1,602.20
S21-6.08		Install remaining metal shims torque to 50%	2	17DEC07	18DEC07	1	0	3,204.40
S21-6.09		Make "wiggle" test Tighten bolt and recheck.	1	19DEC07	19DEC07	1	0	1,602.20
S21-6.1		Measure the tooling balls on both coils.	5	20DEC07	04JAN08	1	0	0.00
S21-6.11		Loosen studs, adjust shims. Re-torque to 50%.	3	07JAN08	09JAN08	1	0	4,806.60
S21-6.12		Install alumina shims. Re-torque to 50%.	1	10JAN08	10JAN08	1	0	1,602.20
S21-6.13		Make "wiggle" test Tighten bolt and recheck.	1	11JAN08	11JAN08	1	0	1,602.20
S21-6.14		Measuretooling balls . The max devi .007” .	5	14JAN08	18JAN08	1	0	0.00
S21-6.15		Loosen studs, adjust shims. Re-torque to 50%.	3	21JAN08	23JAN08	1	0	4,806.60
S21-6.16		Install bushings. Tighten back to 50%	10	24JAN08	06FEB08	1	0	16,022.00
S21-6.17		Complete tightening of flange bolts to 100%.	1	07FEB08	07FEB08	1	0	1,602.20
S21-6.18		Measuretooling balls . The max devi .007” .	2	08FEB08	11FEB08	1	0	0.00
S21-6.19		Scan the “B” flange of Type-B coil	1	12FEB08	12FEB08	1	0	1,602.20
AB - C Assembly								
S21-7.01		Place “A/B” assy, “A” coil dwn, on 40deg fix.	3	13FEB08	15FEB08	1	0	4,806.60
S21-7.02		Align to the conical seats locking into a min of	1	18FEB08	18FEB08	1	0	0.00
S21-7.03		Measure the monuments on the fixture & the walls	2	19FEB08	20FEB08	1	0	0.00
S21-7.04		Place initial set metal shims on the coil	2	21FEB08	22FEB08	1	0	3,204.40
S21-7.05		Lower the Type-C coil onto the Type-B coil.	1	25FEB08	25FEB08	1	0	1,602.20
S21-7.06		Meas monuments on A coil to eval displacement.	1	26FEB08	26FEB08	1	0	0.00
S21-6.062		instl dial indicators for x-y positioning	1	27FEB08	27FEB08	1	0	1,602.20
S21-7.07		Perform the X-Y positioning of the coil.	1	28FEB08	28FEB08	1	0	1,602.20
S21-7.08		Install remaining metal shims torque to 50%	2	29FEB08	03MAR08	1	0	3,204.40
S21-7.09		"wiggle" test Tighten bolt and recheck.	1	04MAR08	04MAR08	1	0	1,602.20
S21-7.1		Measure the tooling balls on all coils.	5	05MAR08	11MAR08	1	0	0.00
S21-7.11		adjust shims locally. Re-torque all studs to 50%	3	12MAR08	14MAR08	1	0	4,806.60
S21-7.12		linstall alumina shims. Re-torque all studs to	1	17MAR08	17MAR08	1	0	1,602.20
S21-7.13		"wiggle" test Tighten bolt and recheck.	1	18MAR08	18MAR08	1	0	1,602.20
S21-7.14		Measure the tooling balls on all coils.	5	19MAR08	25MAR08	1	0	8,011.00
S21-7.15		adjust shims locally. Re-torque all studs to 50	3	26MAR08	28MAR08	1	0	4,806.60
S21-7.16		Install bushings	10	31MAR08	11APR08	1	0	16,022.00
S21-7.17		Complete tightening of flange bolts to 100%.	1	14APR08	14APR08	1	0	1,602.20

Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
S21-11.01		Identify primary fiducials for positioning Sta 3	1	15APR08	15APR08	1	0	1,602.20
S21-7.18		Final metrology meas. Scan “B” flangeType-C coil	5	16APR08	22APR08	1	0	0.00
Tack Weld Inboard Welded hims								
S21-8.01		Tack weld inboard shims	2	23APR08	24APR08	1	0	3,204.40
Complete Local Service & interface details								
S21-10.01		Install all wing support bladders	2	25APR08	28APR08	1	6	3,204.40
S21-10.02		Make local service runs/connections	8	25APR08	06MAY08	1	0	12,817.60
S21-10.03		Inject stycast in all shim spaces	1	25APR08	25APR08	1	7	1,602.20
Final Measurements/Transfer to Holding Area								
DOE-1		Notify DOE of scheduled station 3 lifts	0		27MAR08	1	0	0.00
DOE-2		DOE review lift procedures	30	28MAR08	08MAY08	1	0	0.00
DOE-3		DOE approval of scheduled station 3 lifts	0		08MAY08	1	0	0.00
S21-11.03		Measure bolt length on all tension fasteners	0	09MAY08	08MAY08	1	0	0.00
S21-11.04		Mark part for identification	0	09MAY08	08MAY08	1	0	0.00
S21-11.05		Install lift support beams	2	07MAY08	08MAY08	1	0	3,204.40
S21-11.06		Remove from stand & measure weight of assy	1	09MAY08	09MAY08	1	0	1,602.20
S21-11.07		Move A1-B1-C1 to holding area.	0		09MAY08	1	0	0.00
S21-11.07M	2	Complete 1st MCHP Assy (Sta 2)	0		09MAY08	1	0	0.00
Station 2 MC Sub Assy A2-B2-C2								
A-B Assembly								
S22-6.01		A2 “A” flange dwn, 20deg fixt.Obtain fiduci	1	13FEB08	13FEB08	1	4	1,602.20
S22-6.02		Align to the conical seats locking into a min of	1	14FEB08	14FEB08	1	4	0.00
S22-6.03		Measure monuments on fixture and on the walls.	2	15FEB08	18FEB08	1	4	0.00
S22-6.04		Place alumina grind inboard weld shims on coil.	2	19FEB08	20FEB08	1	4	3,204.40
S22-6.05		Lower the Type-B coil onto the Type-A coil.	1	21FEB08	21FEB08	1	4	1,602.20
S22-6.06		Meas monuments on A coil. Jack to within .002”	1	22FEB08	22FEB08	1	4	0.00
S22-6.07		Perform the X-Y positioning of the B coil.	1	25FEB08	25FEB08	1	4	0.00
S22-6.08		Install studs, supernuts, torque to 50% of final	2	26FEB08	27FEB08	1	4	3,204.40
S22-6.09		"wiggle" test Tighten bolt and recheck.	1	28FEB08	28FEB08	1	4	1,602.20
S22-6.1		Meas tooling balls on both coils. max devi .007”	5	29FEB08	06MAR08	1	4	0.00
S22-6.11		adjust shims locally. Re-torque all studs to 50%	3	07MAR08	11MAR08	1	4	4,806.60
S22-6.12		Install bushings	10	12MAR08	25MAR08	1	4	16,022.00
S22-6.13		Complete tightening of flange bolts to 100%.	1	26MAR08	26MAR08	1	4	1,602.20
S22-6.14		Measure the tooling balls on both coils.	3	27MAR08	31MAR08	1	4	0.00
S22-6.15		Scan the “B” flange of Type-B coil	1	01APR08	01APR08	1	4	1,602.20
AB - C Assembly								
S22-7.01		“A/B” assy “A” coil dwn, 40deg fixt.Obtain fiduc	2	02APR08	03APR08	1	4	3,204.40
S22-7.02		Align to the conical seats locking into min of 8	1	04APR08	04APR08	1	4	0.00

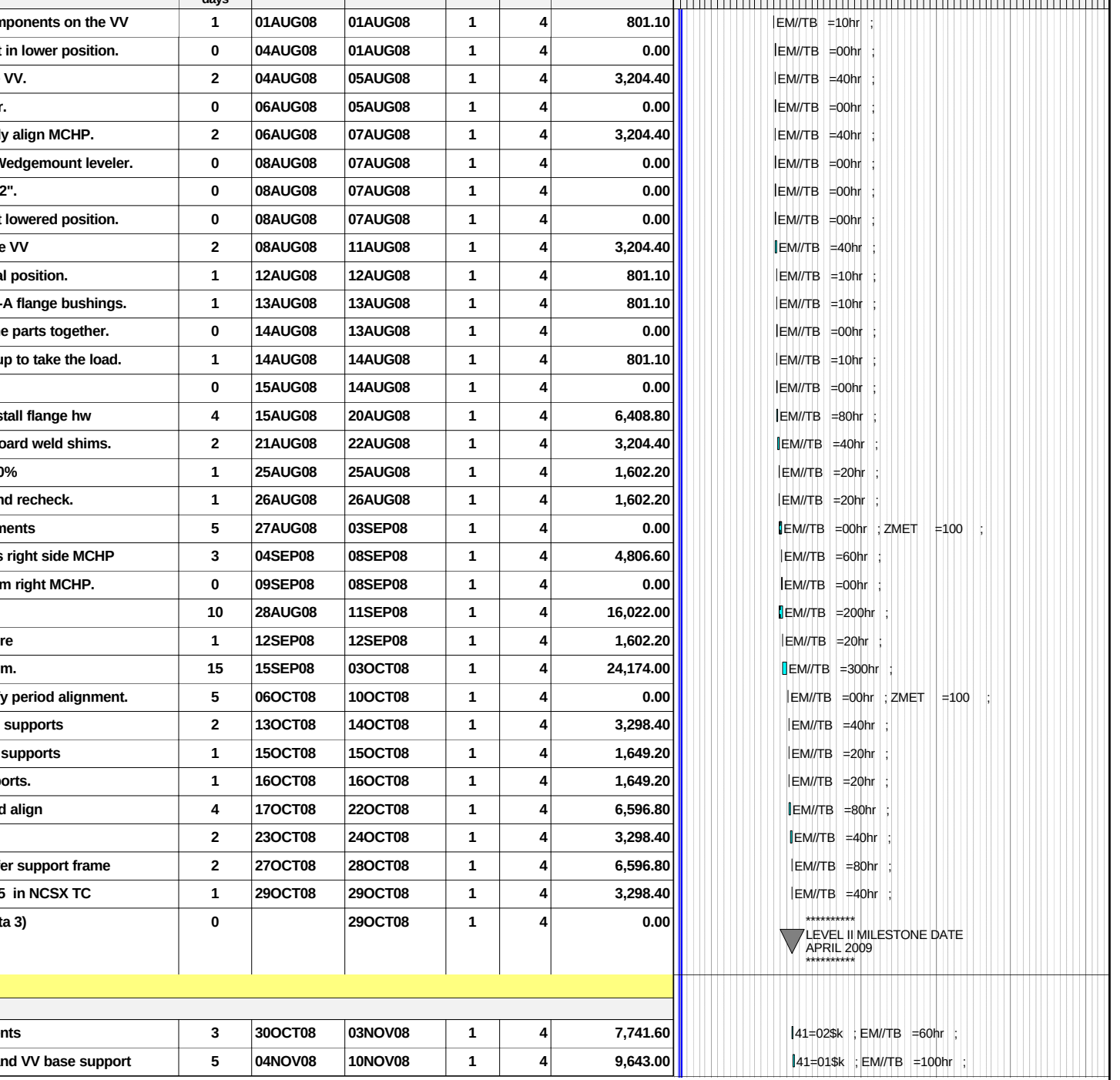


Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
S22-7.03		Measure monuments on fixture and walls.	2	07APR08	08APR08	1	4	0.00
S22-7.04		Place alumin grind inboard weld shims on coil.	2	09APR08	10APR08	1	4	3,204.40
S22-7.05		Lower the Type-C coil onto the Type-B coil.	1	11APR08	11APR08	1	4	1,602.20
S22-7.06		Meas monuments on A coil for displacements.	1	14APR08	14APR08	1	4	0.00
S22-7.07		Perform the X-Y positioning of the coil.	1	15APR08	15APR08	1	4	1,602.20
S22-7.08		Install studs, supernuts, torque to 50% of fina	2	16APR08	17APR08	1	4	3,204.40
S22-7.09		"wiggle" test Tighten bolt and recheck.	1	18APR08	18APR08	1	4	1,602.20
S22-7.1		Measure the tooling balls on all coils.	5	21APR08	25APR08	1	4	0.00
S22-7.11		Install bushings Replace nut and tighten to 50%	10	28APR08	09MAY08	1	4	16,022.00
S22-7.12		Complete tightening of flange bolts to 100%.	1	12MAY08	12MAY08	1	4	1,602.20
S22-7.13		Measure the tooling balls on both coils.	4	13MAY08	16MAY08	1	4	0.00
Tack Weld Inboard Welded hims								
S22-8.01		Tack weld all inboard shims to one flange	1	19MAY08	19MAY08	1	4	1,602.20
Complete Local Service & interface details								
S22-10.01		Install all wing support bladders	2	20MAY08	21MAY08	1	4	3,204.40
S22-10.02		local service connections on each MC.	8	22MAY08	03JUN08	1	4	12,817.60
S22-10.03		Inject stycast to fill in all shim spaces	1	04JUN08	04JUN08	1	4	1,602.20
Final Measurements/Transfer to Holding Area								
S22-11.01		Install or identify three primary fiducials	1	05JUN08	05JUN08	1	4	1,602.20
S22-11.02		Final metrology measurement of all fiducials.	5	06JUN08	12JUN08	1	4	0.00
S22-11.03		Tension tester measure bolt length	1	13JUN08	13JUN08	1	4	801.10
S22-11.04		Mark part for identification	0	16JUN08	13JUN08	1	4	0.00
S22-11.05		Install lift support beams	2	16JUN08	17JUN08	1	4	3,204.40
S22-11.06	3	Remove from stand Move A2-B2-C2 to holding area	2	18JUN08	19JUN08	1	4	3,204.40
Station 2-Modular Coil Subassembly-FP#2								
S23-A3B3C3		Assemble/Align Mod-Coils A3/B3/C3	140	12MAY08	26NOV08	1	0	171,696.21
S24-A4B4C4		Assemble/Align Mod-Coils A4/B4/C4	97	03JUL08	18NOV08	1	16	108,078.85
Station 2-Modular Coil Subassembly-FP#3								
S25-A5B5C5		Assemble/Align Mod-Coils A5/B5/C5 (under 1 shift	86	07OCT08*	16FEB09	1	5	125,174.28
S25A5B5C52		Assemble/Align Mod-Coils A5/B5/C5 (under 2 shift	20	17FEB09*	16MAR09	2	5	50,053.22
S26-A6B6C6		Assemble/Align Mod-Coils A6/B6/C6	36	23DEC08*	19FEB09	1	4	56,732.48
S26A6B6C62		Assemble/Align Mod-Coils A6/B6/C6	24	20FEB09*	25MAR09	2	4	53,351.62
Station 3 Setup/Preparations/General								
R1810-3102		Misc M&S	65	03APR08*	03JUL08	1	1,060	6,540.00
R1810-3104		Procure 3 legged actuator system	20	01OCT07*	26OCT07	1	134	56,244.00
R1810-3106		Load test 3 ledded actuator system	3	29OCT07	31OCT07	1	134	7,690.56
R1810-3108		Procure ,Fabricate 3 legged actuator lift fixtur	20	01OCT07*	26OCT07	1	129	7,848.00

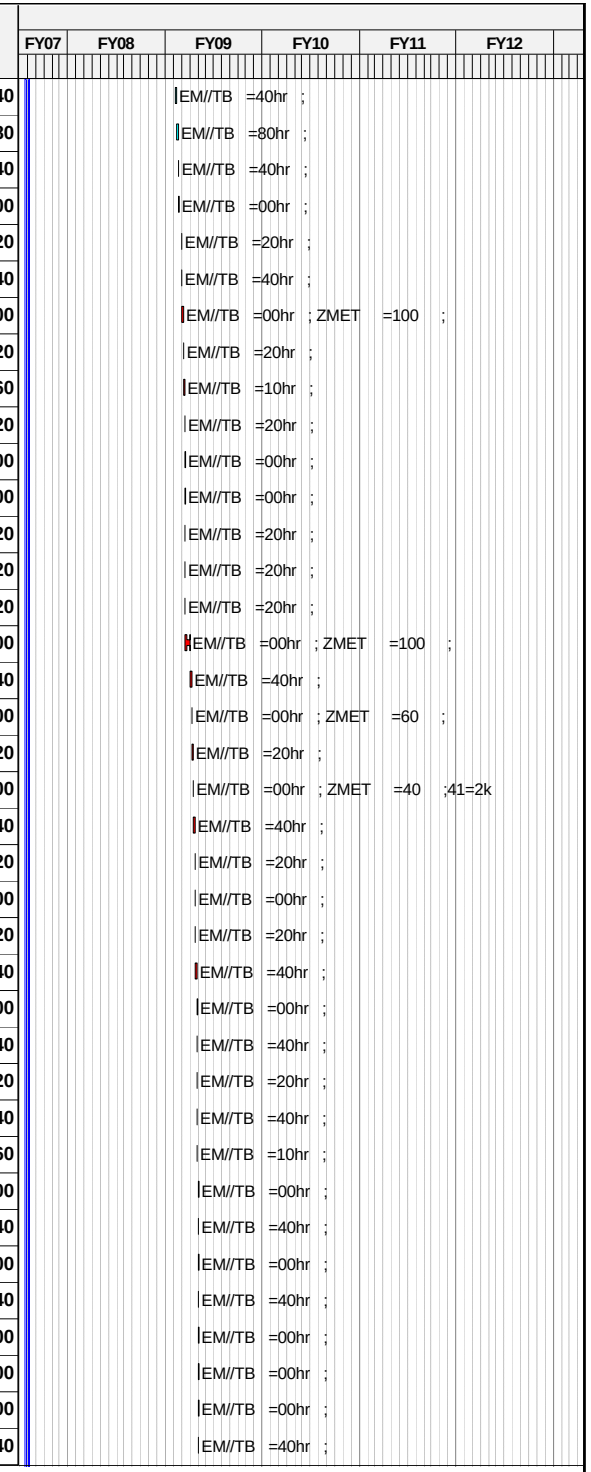
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
R1810-3112		Load Test 3 legged actuator lift fixtur	8	29OCT07	07NOV07	1	129	10,254.08
R1810-3150		Fab New legs	4	01OCT07*	04OCT07	1	143	5,127.04
R1810-3103		Install station 3 platforms (8 required)	4	20NOV07	23NOV07	1	111	22,052.32
R1810-3107		Test out station 3 equipment and procedures	4	26NOV07	03DEC07	1	111	13,080.00
R1810-3109		Begin assy of first field period assy	2	04DEC07	05DEC07	1	111	52,320.00
Station 3-Assemble Mod Coils and VVSA-FP#1								
R1810-2109		Begin Station 3	0	03MAR08*		1	56	0.00
S31-1.01		Install Station 3 site monuments	3	03MAR08	05MAR08	1	56	7,422.60
S31-1.02		Install floor mounted tracks and VV base support	5	06MAR08	12MAR08	1	56	9,319.00
S31-1.03		Establish the MCHP CG location.	2	13MAR08	14MAR08	1	56	3,204.40
S31-2.01		Install MCHP support cart assemblies	4	17MAR08	20MAR08	1	56	6,408.80
S31-2.02		Verify cart motion.	2	21MAR08	24MAR08	1	56	3,204.40
S31-2.03		Install adjustor bar support weldment	0	25MAR08	24MAR08	1	56	0.00
S31-2.04		Position left MCHP on the cart assembly	1	12MAY08	12MAY08	1	22	1,602.20
S31-2.05		Secure left MCHP on support cart base.	2	13MAY08	14MAY08	1	22	3,204.40
S31-2.06		Measure monuments on left MCHP and walls	5	15MAY08	21MAY08	1	22	0.00
S31-2.07		Set positioning stop on the cart	1	22MAY08	22MAY08	1	22	1,602.20
S31-3.01		Move right base support cart to its final positi	1	23MAY08	23MAY08	1	22	801.10
S31-3.02		Lift the right side MCHP and position	1	20JUN08	20JUN08	1	4	1,602.20
S31-3.03		Temporary fasteners bring the parts together.	0	23JUN08	20JUN08	1	4	0.00
S31-3.04		AirLoc Wedgemount leveler to take load.	0	23JUN08	20JUN08	1	4	0.00
S31-3.05		Install temp scaffolding to install flange hw	1	23JUN08	23JUN08	1	4	1,602.20
S31-3.06		Install bolts and shims	1	24JUN08	24JUN08	1	4	1,602.20
S31-3.07		Tighten flange fasteners to 50%	1	25JUN08	25JUN08	1	4	1,602.20
S31-3.08		Perform metrology measurements	5	26JUN08	02JUL08	1	4	0.00
S31-3.09		Perform position adjust on right side MCHP	2	03JUL08	07JUL08	1	4	3,204.40
S31-3.1		Verify position of the VV support hanger	3	08JUL08	10JUL08	1	4	0.00
S31-3.11		Remove flange hardware and temp platforms	1	11JUL08	11JUL08	1	4	1,602.20
S31-4.01		EMeasure monuments on the MCHP's &walls.	2	14JUL08	15JUL08	1	4	2,616.00
S31-4.02		Place all of the laser screens	2	16JUL08	17JUL08	1	4	3,204.40
S31-4.03		Determine laser alignment.	1	18JUL08	18JUL08	1	4	1,602.20
S31-4.04		mount the milar on the screens.	1	21JUL08	21JUL08	1	4	0.00
S31-4.05		Disengage MCHP's to move the left MCHP.	1	22JUL08	22JUL08	1	4	1,602.20
S31-4.06		Remove both MCHP's.	2	23JUL08	24JUL08	1	4	3,204.40
S31-5.01		Remove the adjustor bar support from left side.	0	25JUL08	24JUL08	1	4	0.00
S31-5.02		Install VV NBI port support stand.	2	25JUL08	28JUL08	1	4	3,204.40
S31-5.03		Install VVSA to base support	1	29JUL08	29JUL08	1	4	1,602.20
S31-5.04		Secure the VVSA to base & NBI port sprt stand.	2	30JUL08	31JUL08	1	4	3,204.40



Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
S31-6.01		Install bumper protection components on the VV	1	01AUG08	01AUG08	1	4	801.10
S31-6.02		Position AirLoc Wedgemount in lower position.	0	04AUG08	01AUG08	1	4	0.00
S31-6.03		move the left MCHP over the VV.	2	04AUG08	05AUG08	1	4	3,204.40
S31-6.04		Re-install the left adjustor bar.	0	06AUG08	05AUG08	1	4	0.00
S31-6.05		Make adjustments to properly align MCHP.	2	06AUG08	07AUG08	1	4	3,204.40
S31-6.06		Transfer load to the AirLoc Wedgemount leveler.	0	08AUG08	07AUG08	1	4	0.00
S31-6.07		move the MCHP to the left 1/2".	0	08AUG08	07AUG08	1	4	0.00
S31-7.01		Position AirLoc Wedgemount lowered position.	0	08AUG08	07AUG08	1	4	0.00
S31-7.02		move the right MCHP over the VV	2	08AUG08	11AUG08	1	4	3,204.40
S31-7.03		move the left MCHP to its final position.	1	12AUG08	12AUG08	1	4	801.10
S31-7.04		engage the preinstalled Type-A flange bushings.	1	13AUG08	13AUG08	1	4	801.10
S31-7.05		Temporary fasteners bring the parts together.	0	14AUG08	13AUG08	1	4	0.00
S31-7.06		AirLoc Wedgemount leveler up to take the load.	1	14AUG08	14AUG08	1	4	801.10
S31-7.07		Remove laser screens	0	15AUG08	14AUG08	1	4	0.00
S31-7.08		Install temp scaffolding to install flange hw	4	15AUG08	20AUG08	1	4	6,408.80
S31-7.09		Install bolts, alumina and inboard weld shims.	2	21AUG08	22AUG08	1	4	3,204.40
S31-7.1		Tighten flange fasteners to 50%	1	25AUG08	25AUG08	1	4	1,602.20
S31-7.11		"wiggle" test Tighten bolt and recheck.	1	26AUG08	26AUG08	1	4	1,602.20
S31-7.12		Perform metrology measurements	5	27AUG08	03SEP08	1	4	0.00
S31-7.13		Perform position adjustments right side MCHP	3	04SEP08	08SEP08	1	4	4,806.60
S31-7.14		Remove SISSCO actuator from right MCHP.	0	09SEP08	08SEP08	1	4	0.00
S31-7.15		Pre-fit & Install bushings	10	28AUG08	11SEP08	1	4	16,022.00
S31-7.16		Tighten nuts 100%. & Measure	1	12SEP08	12SEP08	1	4	1,602.20
S31-8.01		partially weld the inboard shim.	15	15SEP08	03OCT08	1	4	24,174.00
S31-8.02		Final complete MC scan verify period alignment.	5	06OCT08	10OCT08	1	4	0.00
S31-9.01		Attach VV permanent vertical supports	2	13OCT08	14OCT08	1	4	3,298.40
S31-9.02		Attach temporary VV vertical supports	1	15OCT08	15OCT08	1	4	1,649.20
S31-9.03		Transfer load to vertical supports.	1	16OCT08	16OCT08	1	4	1,649.20
S31-9.04		Install VV lateral supports and align	4	17OCT08	22OCT08	1	4	6,596.80
S31-9.05		Prepare VVSA for transport.	2	23OCT08	24OCT08	1	4	3,298.40
S31-10.01		transfer the unit to the transfer support frame	2	27OCT08	28OCT08	1	4	6,596.80
S31-10.02		Transfer Period 1 to Station 5 in NCSX TC	1	29OCT08	29OCT08	1	4	3,298.40
S31-10.02M	2	Complete 1st MC-VV Assy (Sta 3)	0		29OCT08	1	4	0.00
Station 3-Assemble Mod Coils and VVSA-FP#2								
S32-1.01		Install Station 3 site monuments	3	30OCT08	03NOV08	1	4	7,741.60
S32-1.02		Install floor mounted tracks and VV base support	5	04NOV08	10NOV08	1	4	9,643.00



Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
S32-1.03		Establish the MCHP CG location.	2	11NOV08	12NOV08	1	4	3,298.40
S32-2.01		Install MCHP support cart assemblies	4	13NOV08	18NOV08	1	4	6,596.80
S32-2.02		Verify cart motion.	2	19NOV08	20NOV08	1	4	3,298.40
S32-2.03		Install adjustor bar support weldment	0	21NOV08	20NOV08	1	4	0.00
S32-2.04		Position left MCHP on the cart assembly	1	01DEC08	01DEC08	1	0	1,649.20
S32-2.05		Secure left MCHP on support cart base.	2	02DEC08	03DEC08	1	0	3,298.40
S32-2.06		Measure monuments on left MCHP and walls	5	04DEC08	10DEC08	1	0	0.00
S32-2.07		Set positioning stop on the cart	1	11DEC08	11DEC08	1	0	1,649.20
S32-3.01		Move right base support cart to its final positi	1	12DEC08	12DEC08	1	0	824.60
S32-3.02		Lift the right side MCHP and position	1	15DEC08	15DEC08	1	0	1,649.20
S32-3.03		Temporary fasteners bring the parts together.	0	16DEC08	15DEC08	1	0	0.00
S32-3.04		AirLoc Wedgemount leveler to take load.	0	16DEC08	15DEC08	1	0	0.00
S32-3.05		Install temp scaffolding to install flange hw	1	16DEC08	16DEC08	1	0	1,649.20
S32-3.06		Install bolts and shims	1	17DEC08	17DEC08	1	0	1,649.20
S32-3.07		Tighten flange fasteners to 50%	1	18DEC08	18DEC08	1	0	1,649.20
S32-3.08		Perform metrology measurements	5	19DEC08	05JAN09	1	0	0.00
S32-3.09		Perform position adjust on right side MCHP	2	06JAN09	07JAN09	1	0	3,298.40
S32-3.1		Verify position of the VV support hanger	3	08JAN09	12JAN09	1	0	0.00
S32-3.11		Remove flange hardware and temp platforms	1	13JAN09	13JAN09	1	0	1,649.20
S32-4.01		EMeasure monuments on the MCHP's &walls.	2	14JAN09	15JAN09	1	0	2,794.00
S32-4.02		Place all of the laser screens	2	16JAN09	19JAN09	1	0	3,298.40
S32-4.03		Determine laser alignment.	1	20JAN09	20JAN09	1	0	1,649.20
S32-4.04		mount the milar on the screens.	1	21JAN09	21JAN09	1	0	0.00
S32-4.05		Disengage MCHP's to move the left MCHP.	1	22JAN09	22JAN09	1	0	1,649.20
S32-4.06		Remove both MCHP's.	2	23JAN09	26JAN09	1	0	3,298.40
S32-5.01		Remove the adjustor bar support from left side.	0	27JAN09	26JAN09	1	0	0.00
S32-5.02		Install VV NBI port support stand.	2	27JAN09	28JAN09	1	0	3,298.40
S32-5.03		Install VVSA to base support	1	29JAN09	29JAN09	1	0	1,649.20
S32-5.04		Secure the VVSA to base & NBI port sprt stand.	1	30JAN09	30JAN09	2	0	3,298.40
S32-6.01		Install bumper protection components on the VV	1	30JAN09	30JAN09	2	0	824.60
S32-6.02		Position AirLoc Wedgemount in lower position.	0	02FEB09	30JAN09	2	0	0.00
S32-6.03		move the left MCHP over the VV.	1	02FEB09	02FEB09	2	0	3,298.40
S32-6.04		Re-install the left adjustor bar.	0	03FEB09	02FEB09	2	0	0.00
S32-6.05		Make adjustments to properly align MCHP.	1	03FEB09	03FEB09	2	0	3,298.40
S32-6.06		Transfer load to the AirLoc Wedgemount leveler.	0	04FEB09	03FEB09	2	0	0.00
S32-6.07		move the MCHP to the left 1/2".	0	04FEB09	03FEB09	2	0	0.00
S32-7.01		Position AirLoc Wedgemount lowered position.	0	04FEB09	03FEB09	2	0	0.00
S32-7.02		move the right MCHP over the VV	1	04FEB09	04FEB09	2	0	3,298.40



Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
S32-7.03		move the left MCHP to its final position.	1	04FEB09	04FEB09	2	0	824.60
S32-7.04		engage the preinstalled Type-A flange bushings.	1	04FEB09	04FEB09	2	0	824.60
S32-7.05		Temporary fasteners bring the parts together.	0	05FEB09	04FEB09	2	0	0.00
S32-7.06		AirLoc Wedgemount leveler up to take the load.	1	05FEB09	05FEB09	2	0	824.60
S32-7.07		Remove laser screens	0	06FEB09	05FEB09	2	0	0.00
S32-7.08		Install temp scaffolding to install flange hw	2	06FEB09	09FEB09	2	0	6,596.80
S32-7.09		Install bolts, alumina and inboard weld shims.	1	10FEB09	10FEB09	2	0	3,298.40
S32-7.1		Tighten flange fasteners to 50%	1	11FEB09	11FEB09	2	0	1,649.20
S32-7.11		"wiggle" test Tighten bolt and recheck.	1	11FEB09	11FEB09	2	0	1,649.20
S32-7.12		Perform metrology measurements	2	12FEB09	13FEB09	2	0	0.00
S32-7.13		Perform position adjustments right side MCHP	2	16FEB09	17FEB09	2	0	4,947.60
S32-7.14		Remove SISSCO actuator from right MCHP.	0	18FEB09	17FEB09	2	0	0.00
S32-7.15		Pre-fit & Install bushings	5	12FEB09	18FEB09	2	0	16,492.00
S32-7.16		Tighten nuts 100%. & Measure	1	19FEB09	19FEB09	2	0	1,649.20
S32-8.01		partially weld the inboard shim.	4	20FEB09	25FEB09	2	0	24,738.00
S32-8.02		Final complete MC scan verify period alignment.	2	26FEB09	27FEB09	2	0	0.00
S32-9.01		Attach VV permanent vertical supports	1	02MAR09	02MAR09	2	0	3,298.40
S32-9.02		Attach temporary VV vertical supports	1	03MAR09	03MAR09	2	0	1,649.20
S32-9.03		Transfer load to vertical supports.	1	04MAR09	04MAR09	2	0	1,649.20
S32-9.04		Install VV lateral supports and align	2	05MAR09	06MAR09	2	0	6,596.80
S32-9.05		Prepare VVSA for transport.	1	09MAR09	09MAR09	2	0	3,298.40
S32-10.01		transfer the unit to the transfer support frame	1	10MAR09	10MAR09	2	0	6,596.80
S32-10.02		Transfer Period 2 to Station 5 in NCSX TC	1	11MAR09	11MAR09	2	0	3,298.40
S32-10.02M	2	Complete 2nd MC-VV Assy (Sta 3)	0		11MAR09	2	0	0.00
Station 3-Assemble Mod Coils and VVSA-FP#3								
S33-1.01		Install Station 3 site monuments	2	12MAR09	13MAR09	2	0	7,741.60
S33-1.02		Install floor mounted tracks and VV base support	2	16MAR09	17MAR09	2	0	9,643.00
S33-1.03		Establish the MCHP CG location.	1	18MAR09	18MAR09	2	0	3,298.40
S33-2.01		Install MCHP support cart assemblies	2	19MAR09	20MAR09	2	0	6,596.80
S33-2.02		Verify cart motion.	1	23MAR09	23MAR09	2	0	3,298.40
S33-2.03		Install adjustor bar support weldment	0	24MAR09	23MAR09	2	0	0.00
S33-2.04		Position left MCHP on the cart assembly	1	24MAR09	24MAR09	2	0	1,649.20
S33-2.05		Secure left MCHP on support cart base.	1	25MAR09	25MAR09	2	0	3,298.40
S33-2.06		Measure monuments on left MCHP and walls	2	26MAR09	27MAR09	2	0	0.00
S33-2.07		Set positioning stop on the cart	1	30MAR09	30MAR09	2	0	1,649.20
S33-3.01		Move right base support cart to its final positi	1	31MAR09	31MAR09	2	0	824.60

FY07 FY08 FY09 FY10 FY11 FY12

EM//TB =10hr ;
EM//TB =10hr ;
EM//TB =00hr ;
EM//TB =10hr ;
EM//TB =00hr ;
EM//TB =80hr ;
EM//TB =40hr ;
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EM//TB =20hr ;
EM//TB =80hr ;
EM//TB =40hr ;
EM//TB =80hr ;
EM//TB =40hr ;
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LEVEL II MILESTONE DATE
SEPTEMBER 2009
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41=02$k ; EM//TB =60hr ;
41=01$k ; EM//TB =100hr ;
EM//TB =40hr ;
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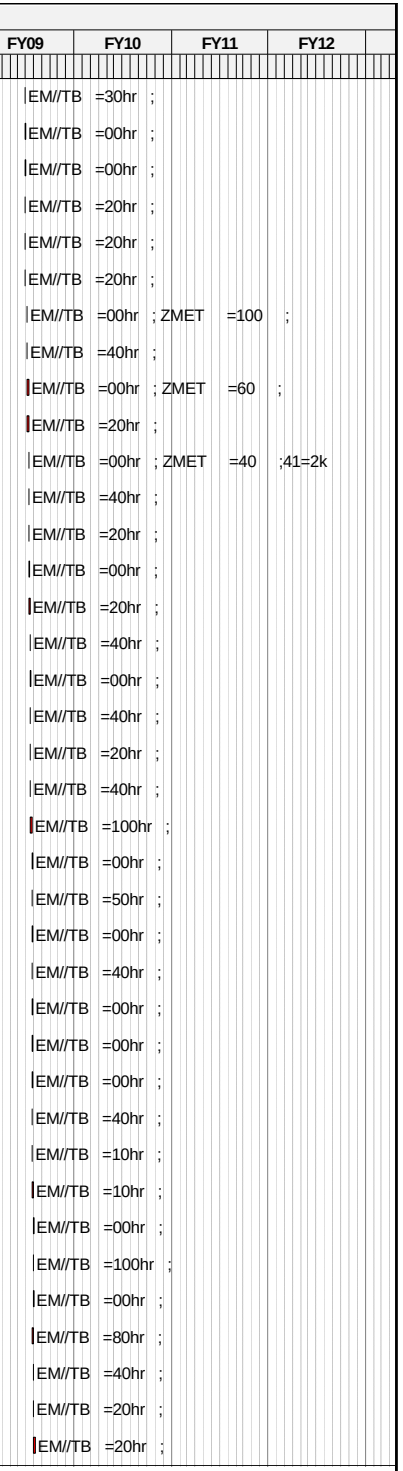
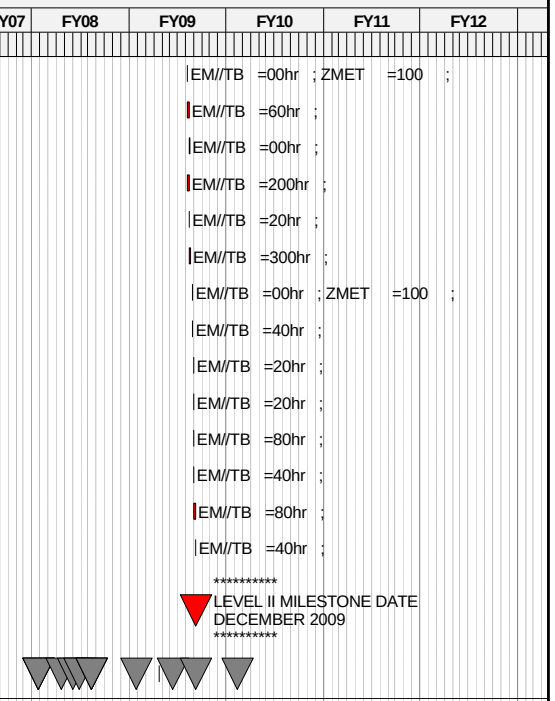
EM//TB =00hr ;
EM//TB =20hr ;
EM//TB =40hr ;
EM//TB =00hr ; ZMET =100 ;
EM//TB =20hr ;
EM//TB =10hr ;

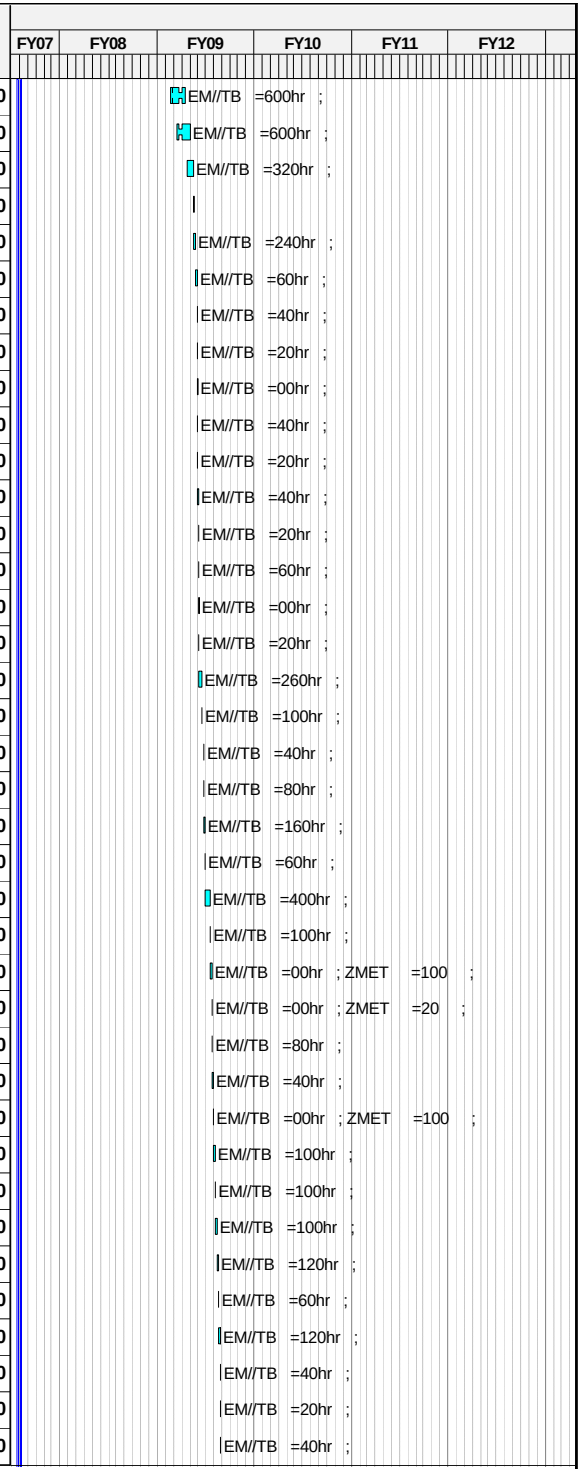
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
S33-3.02		Lift the right side MCHP and position	1	01APR09	01APR09	2	0	2,473.80
S33-3.03		Temporary fasteners bring the parts together.	0	02APR09	01APR09	2	0	0.00
S33-3.04		AirLoc Wedgemount leveler to take load.	0	02APR09	01APR09	2	0	0.00
S33-3.05		Install temp scaffolding to install flange hw	1	02APR09	02APR09	2	0	1,649.20
S33-3.06		Install bolts and shims	1	02APR09	02APR09	2	0	1,649.20
S33-3.07		Tighten flange fasteners to 50%	1	03APR09	03APR09	2	0	1,649.20
S33-3.08		Perform metrology measurements	2	06APR09	07APR09	2	0	0.00
S33-3.09		Perform position adjust on right side MCHP	1	08APR09	08APR09	2	0	3,298.40
S33-3.1		Verify position of the VV support hanger	2	09APR09	10APR09	2	0	0.00
S33-3.11		Remove flange hardware and temp platforms	2	09APR09	10APR09	2	0	1,649.20
S33-4.01		EMeasure monuments on the MCHP's &walls.	1	13APR09	13APR09	2	0	2,794.00
S33-4.02		Place all of the laser screens	1	14APR09	14APR09	2	0	3,298.40
S33-4.03		Determine laser alignment.	1	15APR09	15APR09	2	0	1,649.20
S33-4.04		mount the milar on the screens.	0	16APR09	15APR09	2	0	0.00
S33-4.05		Disengage MCHP's to move the left MCHP.	1	16APR09	16APR09	2	0	1,649.20
S33-4.06		Remove both MCHP's.	1	17APR09	17APR09	2	0	3,298.40
S33-5.01		Remove the adjustor bar support from left side.	0	20APR09	17APR09	2	0	0.00
S33-5.02		Install VV NBI port support stand.	1	20APR09	20APR09	2	0	3,298.40
S33-5.03		Install VVSA to base support	1	21APR09	21APR09	2	0	1,649.20
S33-5.04		Secure the VVSA to base & NBI port sprt stand.	1	22APR09	22APR09	2	0	3,298.40
S33-6.01		Install bumper protection components on the VV	1	23APR09	23APR09	2	0	824.60
S33-6.02		Position AirLoc Wedgemount in lower position.	0	24APR09	23APR09	2	0	0.00
S33-6.03		move the left MCHP over the VV.	1	24APR09	24APR09	2	0	4,123.00
S33-6.04		Re-install the left adjustor bar.	0	27APR09	24APR09	2	0	0.00
S33-6.05		Make adjustments to properly align MCHP.	1	27APR09	27APR09	2	0	3,298.40
S33-6.06		Transfer load to the AirLoc Wedgemount leveler.	0	28APR09	27APR09	2	0	0.00
S33-6.07		move the MCHP to the left 1/2".	0	28APR09	27APR09	2	0	0.00
S33-7.01		Position AirLoc Wedgemount lowered position.	0	28APR09	27APR09	2	0	0.00
S33-7.02		move the right MCHP over the VV	1	28APR09	28APR09	2	0	3,298.40
S33-7.03		move the left MCHP to its final position.	1	28APR09	28APR09	2	0	824.60
S33-7.04		engage the preinstalled Type-A flange bushings.	1	29APR09	29APR09	2	0	824.60
S33-7.05		Temporary fasteners bring the parts together.	0	30APR09	29APR09	2	0	0.00
S33-7.06		AirLoc Wedgemount leveler up to take the load.	1	30APR09	30APR09	2	0	824.60
S33-7.07		Remove laser screens	0	01MAY09	30APR09	2	0	0.00
S33-7.08		Install temp scaffolding to install flange hw	2	29APR09	30APR09	2	0	6,596.80
S33-7.09		Install bolts, alumina and inboard weld shims.	1	01MAY09	01MAY09	2	0	3,298.40
S33-7.1		Tighten flange fasteners to 50%	1	04MAY09	04MAY09	2	0	1,649.20
S33-7.11		"wiggle" test Tighten bolt and recheck.	1	05MAY09	05MAY09	2	0	1,649.20



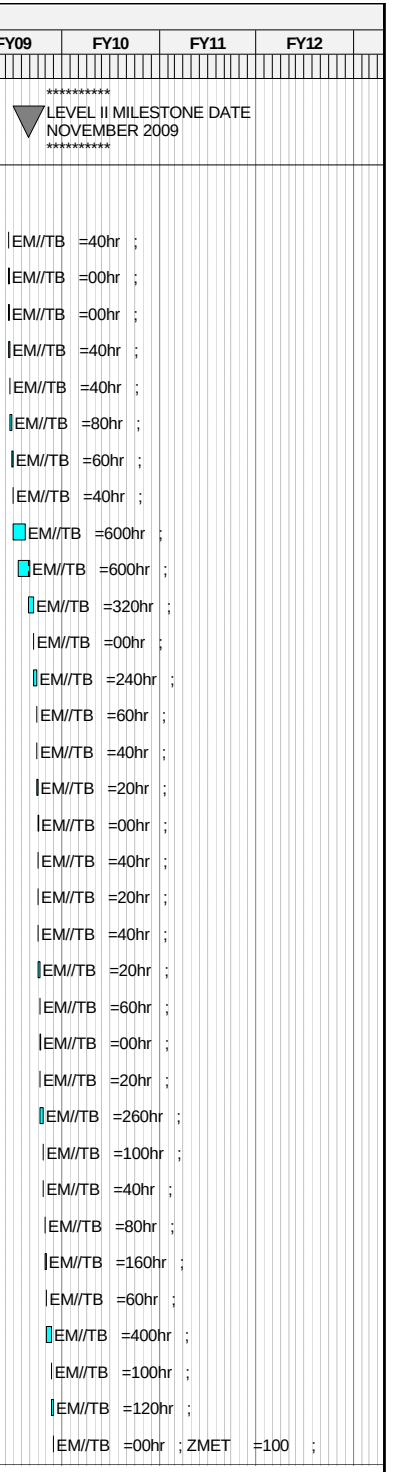
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
S33-7.12		Perform metrology measurements	2	06MAY09	07MAY09	2	0	0.00
S33-7.13		Perform position adjustments right side MCHP	2	08MAY09	11MAY09	2	0	4,947.60
S33-7.14		Remove SISSCO actuator from right MCHP.	0	12MAY09	11MAY09	2	0	0.00
S33-7.15		Pre-fit & Install bushing.	5	06MAY09	12MAY09	2	0	16,492.00
S33-7.16		Tighten nuts 100%. & Measure	1	13MAY09	13MAY09	2	0	1,649.20
S33-8.01		partially weld the inboard shim.	7	14MAY09	22MAY09	2	0	24,738.00
S33-8.02		Final complete MC scan verify period alignment.	3	26MAY09	28MAY09	2	0	0.00
S33-9.01		Attach VV permanent vertical supports	1	29MAY09	29MAY09	2	0	3,298.40
S33-9.02		Attach temporary VV vertical supports	1	01JUN09	01JUN09	2	0	1,649.20
S33-9.03		Transfer load to vertical supports.	1	02JUN09	02JUN09	2	0	1,649.20
S33-9.04		Install VV lateral supports and align	1	03JUN09	03JUN09	2	0	6,596.80
S33-9.05		Prepare VVSA for transport.	1	04JUN09	04JUN09	2	0	3,298.40
S33-10.01		transfer the unit to the transfer support frame	1	05JUN09	05JUN09	2	0	6,596.80
S33-10.02		Transfer Period 3 to Station 5 in NCSX TC	1	08JUN09	08JUN09	2	0	3,298.40
S33-10.02M	2	Complete 3rd MC-VV Assy (Sta 3)	0		08JUN09	2	0	0.00
Subtotal			637	01MAY07	13NOV09		718	5,745,510.07
Job: 1815 - Field Period Assy -Station 5-VIOLA								
Setup/Preparations/General								
R1810-5101		MTM NCR hardware re-purchase	25	01JUL08*	05AUG08	1	42	54,936.00
R1810-5102		Monuments,reflectors,CCR's	10	01JUL08*	15JUL08	1	47	67,689.00
R1810-5103		metrology network in NCSX TC	10	16JUL08	29JUL08	1	47	21,973.60
R1810-5104		Misc for tooling	10	25AUG08*	08SEP08	1	42	0.00
R1810-5112		Weld wire & welding supplies	25	01JUL08*	05AUG08	1	42	19,620.00
R1810-5106		Testout Sta 5 equipt & procedures	5	06AUG08	12AUG08	1	42	12,817.60
R1810-5107		Check 3 sled interfaces adjust holes	12	13AUG08	28AUG08	1	42	30,762.24
R1810-5108		Fixtures installed-final metrology	6	29AUG08	08SEP08	1	42	15,381.12
Station 5- Final FP Assy -FP#1 (in NCSX TC)								
R1810-5109		Begin Station 5 Operations	0		29OCT08	1	5	0.00
S51-1.01		cut off short dome	2	30OCT08	31OCT08	1	5	3,298.40
S51-1.02		Install insulation system around all ports.	0	03NOV08	31OCT08	1	5	0.00
S51-1.03		Install heat tape and theomocouples on all ports	0	03NOV08	31OCT08	1	5	0.00
S51-2.01		Install period support fixture	2	03NOV08	04NOV08	1	5	3,298.40
S51-2.02		Install FPA on support stand.	2	05NOV08	06NOV08	1	5	3,298.40
S51-2.03		Install external working platforms	4	07NOV08	12NOV08	1	5	6,596.80
S51-2.04		Install internal VV working platforms	3	13NOV08	17NOV08	1	5	4,947.60
S51-3.01		Install the domes (left and right side),	2	18NOV08	19NOV08	1	5	3,298.40



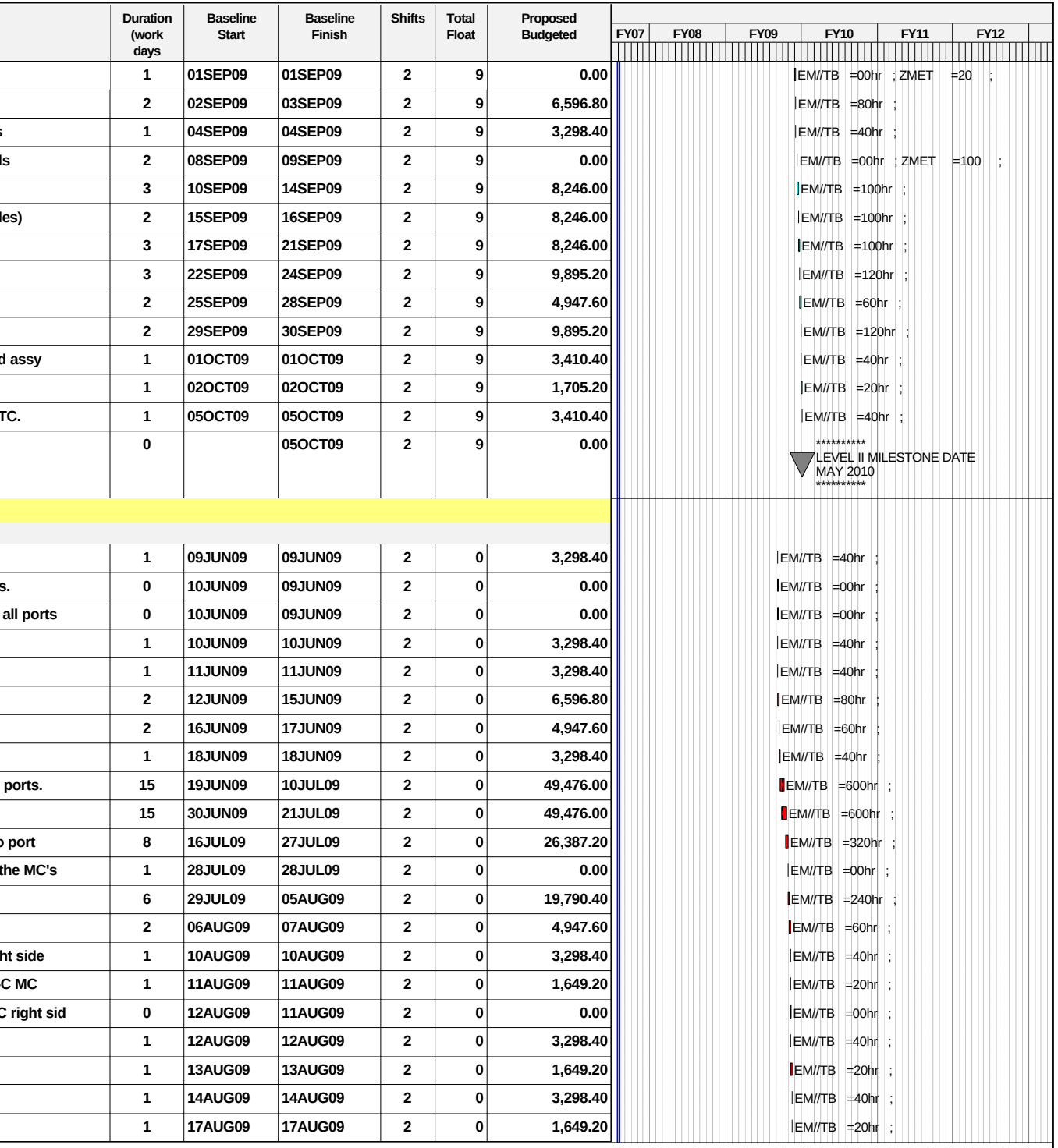
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
S51-3.02		Install small dome ports remaining circ ports.	30	20NOV08	13JAN09	1	5	49,476.00
S51-3.03		Leak check each port after it is welded.	30	15DEC08	03FEB09	1	5	49,476.00
S51-4.01		Install boots on ports except for the two port	16	23JAN09	13FEB09	1	5	26,387.20
S51-5.01		Install MC lead connections to MC's (in job 7503	0	16FEB09	13FEB09	1	5	0.00
S51-5.02		Install MC coolant lines on each MC	6	16FEB09	23FEB09	2	5	19,790.40
S51-5.03		Platforms may need to be altered	2	24FEB09	25FEB09	2	5	4,947.60
S51-6.01		Rotate 2 TF coils over the MC on the right side	1	26FEB09	26FEB09	2	5	3,298.40
S51-6.02		Attach the temp support at end of Type-C MC	1	27FEB09	27FEB09	2	5	1,649.20
S51-6.03		Lower leveler pad disengage base of MC right sid	0	02MAR09	27FEB09	2	5	0.00
S51-6.04		Install TF support brackets	1	02MAR09	02MAR09	2	5	3,298.40
S51-6.05		Secure First TF assy	1	03MAR09	03MAR09	2	5	1,649.20
S51-6.06		Install TF support brackets	1	04MAR09	04MAR09	2	5	3,298.40
S51-6.07		Secure 2nd TF coil	1	05MAR09	05MAR09	2	5	1,649.20
S51-6.08		Install machine support plates	1	06MAR09	06MAR09	2	5	4,947.60
S51-6.09		Reinstall leveler pad	0	09MAR09	06MAR09	2	5	0.00
S51-6.1		Installed one side of the TF support brackets	1	09MAR09	09MAR09	2	5	1,649.20
S51-7.01		The TF installation on the left side	7	10MAR09	18MAR09	2	5	21,439.60
S51-8.01		Perform a fit-up check of the four TF coils	2	19MAR09	20MAR09	2	5	8,246.00
S51-9.01		Tack weld the left and right port 4's.	1	23MAR09	23MAR09	2	5	3,298.40
S51-9.02		Install boots on both port 4's.	2	24MAR09	25MAR09	2	5	6,596.80
S51-10.01		Install PF coil support structure	4	26MAR09	31MAR09	2	5	13,193.60
S51-11.01		Install tMC coolant manifold	2	01APR09	02APR09	2	5	4,947.60
S51-11.02		Connect MC coolant lines to the manifold	10	03APR09	16APR09	2	5	32,984.00
S51-12.01		Install Rogowski coils	3	17APR09	21APR09	2	5	8,246.00
S51-13.01		Obtain set of Period 1 align fiducial positions	2	22APR09	23APR09	2	5	0.00
S51-13.02		align to tooling balls on each MCHP	1	24APR09	24APR09	2	5	0.00
S51-13.03		bring the VV into proper alignment	2	27APR09	28APR09	2	5	6,596.80
S51-13.04		Install or identify three primary fiducials	1	29APR09	29APR09	2	5	3,298.40
S51-13.05		Make a final measurement of all fiducials	2	30APR09	01MAY09	2	5	0.00
S51-13.11		Check Assembly (bolts, etc)	3	04MAY09	06MAY09	2	5	8,246.00
S51-13.12		Check Diagnostics (Loops, thermocouples)	2	07MAY09	08MAY09	2	5	8,246.00
S51-13.13		Check manifolds (pressure, flow, etc.)	3	11MAY09	13MAY09	2	5	8,246.00
S51-13.14		Check 6 modcoils (voltage etc)	3	14MAY09	18MAY09	2	5	9,895.20
S51-13.15		Check trim coils (voltage etc)	2	19MAY09	20MAY09	2	5	4,947.60
S51-13.16		Check TF coils (voltage etc)	3	21MAY09	26MAY09	2	5	9,895.20
S51-14.01		Install crane rigging to completed Period assy	1	27MAY09	27MAY09	2	5	3,298.40
S51-14.02		Remove platforms	1	28MAY09	28MAY09	2	5	1,649.20
S51-14.03		Transfer Period 1 to Station 6 in NCSX tTC.	1	29MAY09	29MAY09	2	5	3,298.40



Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
S51-14.03M	2	Complete 1st Field Period Assy (Sat. 5)	0		29MAY09	2	5	0.00
Station 5- Final FP Assy -FP#2 (in NCSX TC)								
S52-1.01		cut off short dome	2	12MAR09	13MAR09	1	9	3,298.40
S52-1.02		Install insulation system around all ports.	0	16MAR09	13MAR09	1	9	0.00
S52-1.03		Install heat tape and theomocouples on all ports	0	16MAR09	13MAR09	1	9	0.00
S52-2.01		Install period support fixture	2	16MAR09	17MAR09	1	9	3,298.40
S52-2.02		Install FPA on support stand.	2	18MAR09	19MAR09	1	9	3,298.40
S52-2.03		Install external working platforms	4	20MAR09	25MAR09	1	9	6,596.80
S52-2.04		Install internal VV working platforms	3	26MAR09	30MAR09	1	9	4,947.60
S52-3.01		Install the domes (left and right side),	2	31MAR09	01APR09	1	9	3,298.40
S52-3.02		Install small dome ports remaining circ ports.	30	02APR09	13MAY09	1	9	49,476.00
S52-3.03		Leak check each port after it is welded.	30	23APR09	04JUN09	1	9	49,476.00
S52-4.01		Install boots on ports except for the two port	16	26MAY09	16JUN09	1	9	26,387.20
S52-5.01		Install MC lead connections on each of the MC's	1	17JUN09	17JUN09	2	9	0.00
S52-5.02		Install MC coolant lines on each MC	6	18JUN09	25JUN09	2	9	19,790.40
S52-5.03		Platforms may need to be altered	1	26JUN09	26JUN09	2	9	4,947.60
S52-6.01		Rotate 2 TF coils over the MC on the right side	1	29JUN09	29JUN09	2	9	3,298.40
S52-6.02		Attach the temp support at end of Type-C MC	1	30JUN09	30JUN09	2	9	1,649.20
S52-6.03		Lower leveler pad disengage base of MC right sid	0	01JUL09	30JUN09	2	9	0.00
S52-6.04		Install TF support brackets	1	01JUL09	01JUL09	2	9	3,298.40
S52-6.05		Secure First TF assy	1	02JUL09	02JUL09	2	9	1,649.20
S52-6.06		Install TF support brackets	1	06JUL09	06JUL09	2	9	3,298.40
S52-6.07		Secure 2nd TF coil	1	07JUL09	07JUL09	2	9	1,649.20
S52-6.08		Install machine support plates	2	08JUL09	09JUL09	2	9	4,947.60
S52-6.09		Reinstall leveler pad	0	10JUL09	09JUL09	2	9	0.00
S52-6.1		Installed one side of the TF support brackets	1	10JUL09	10JUL09	2	9	1,649.20
S52-7.01		The TF installation on the left side	6	13JUL09	20JUL09	2	9	21,439.60
S52-8.01		Perform a fit-up check of the four TF coils	3	21JUL09	23JUL09	2	9	8,246.00
S52-9.01		Tack weld the left and right port 4's.	1	24JUL09	24JUL09	2	9	3,298.40
S52-9.02		Install boots on both port 4's.	2	27JUL09	28JUL09	2	9	6,596.80
S52-10.01		Install PF coil support structure	4	29JUL09	03AUG09	2	9	13,193.60
S52-11.01		Install tMC coolant manifold	2	04AUG09	05AUG09	2	9	4,947.60
S52-11.02		Connect MC coolant lines to the manifold	10	06AUG09	19AUG09	2	9	32,984.00
S52-12.01		Install Rogowski coils	3	20AUG09	24AUG09	2	9	8,246.00
S21-9.01		Install trim coil and supports	3	25AUG09	27AUG09	2	9	9,895.20
S52-13.01		Obtain set of Period 1 align fiducial positions	2	28AUG09	31AUG09	2	9	0.00



Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
S52-13.02		align to tooling balls on each MCHP	1	01SEP09	01SEP09	2	9	0.00
S52-13.03		bring the VV into proper alignment	2	02SEP09	03SEP09	2	9	6,596.80
S52-13.04		Install or identify three primary fiducials	1	04SEP09	04SEP09	2	9	3,298.40
S52-13.05		Make a final measurement of all fiducials	2	08SEP09	09SEP09	2	9	0.00
S52-13.11		Check Assembly (bolts, etc)	3	10SEP09	14SEP09	2	9	8,246.00
S52-13.12		Check Diagnostics (Loops, thermocouples)	2	15SEP09	16SEP09	2	9	8,246.00
S52-13.13		Check manifolds (pressure, flow, etc.)	3	17SEP09	21SEP09	2	9	8,246.00
S52-13.14		Check 6 modcoils (voltage etc)	3	22SEP09	24SEP09	2	9	9,895.20
S52-13.15		Check trim coils (voltage etc)	2	25SEP09	28SEP09	2	9	4,947.60
S52-13.16		Check TF coils (voltage etc)	2	29SEP09	30SEP09	2	9	9,895.20
S52-14.01		Install crane rigging to completed Period assy	1	01OCT09	01OCT09	2	9	3,410.40
S52-14.02		Remove platforms	1	02OCT09	02OCT09	2	9	1,705.20
S52-14.03		Transfer Period 2 to Station 6 in NCSX tTC.	1	05OCT09	05OCT09	2	9	3,410.40
S52-14.03M	2	Complete 2nd Field Period Assy. (Sta.5)	0		05OCT09	2	9	0.00
Station 5- Final FP Assy -FP#3 (in NCSX TC)								
S53-1.01		cut off short dome	1	09JUN09	09JUN09	2	0	3,298.40
S53-1.02		Install insulation system around all ports.	0	10JUN09	09JUN09	2	0	0.00
S53-1.03		Install heat tape and theomocouples on all ports	0	10JUN09	09JUN09	2	0	0.00
S53-2.01		Install period support fixture	1	10JUN09	10JUN09	2	0	3,298.40
S53-2.02		Install FPA on support stand.	1	11JUN09	11JUN09	2	0	3,298.40
S53-2.03		Install external working platforms	2	12JUN09	15JUN09	2	0	6,596.80
S53-2.04		Install internal VV working platforms	2	16JUN09	17JUN09	2	0	4,947.60
S53-3.01		Install the domes (left and right side),	1	18JUN09	18JUN09	2	0	3,298.40
S53-3.02		Install small dome ports remaining circ ports.	15	19JUN09	10JUL09	2	0	49,476.00
S53-3.03		Leak check each port after it is welded.	15	30JUN09	21JUL09	2	0	49,476.00
S53-4.01		Install boots on ports except for the two port	8	16JUL09	27JUL09	2	0	26,387.20
S53-5.01		Install MC lead connections on each of the MC's	1	28JUL09	28JUL09	2	0	0.00
S53-5.02		Install MC coolant lines on each MC	6	29JUL09	05AUG09	2	0	19,790.40
S53-5.03		Platforms may need to be altered	2	06AUG09	07AUG09	2	0	4,947.60
S53-6.01		Rotate 2 TF coils over the MC on the right side	1	10AUG09	10AUG09	2	0	3,298.40
S53-6.02		Attach the temp support at end of Type-C MC	1	11AUG09	11AUG09	2	0	1,649.20
S53-6.03		Lower leveler pad disengage base of MC right sid	0	12AUG09	11AUG09	2	0	0.00
S53-6.04		Install TF support brackets	1	12AUG09	12AUG09	2	0	3,298.40
S53-6.05		Secure First TF assy	1	13AUG09	13AUG09	2	0	1,649.20
S53-6.06		Install TF support brackets	1	14AUG09	14AUG09	2	0	3,298.40
S53-6.07		Secure 2nd TF coil	1	17AUG09	17AUG09	2	0	1,649.20



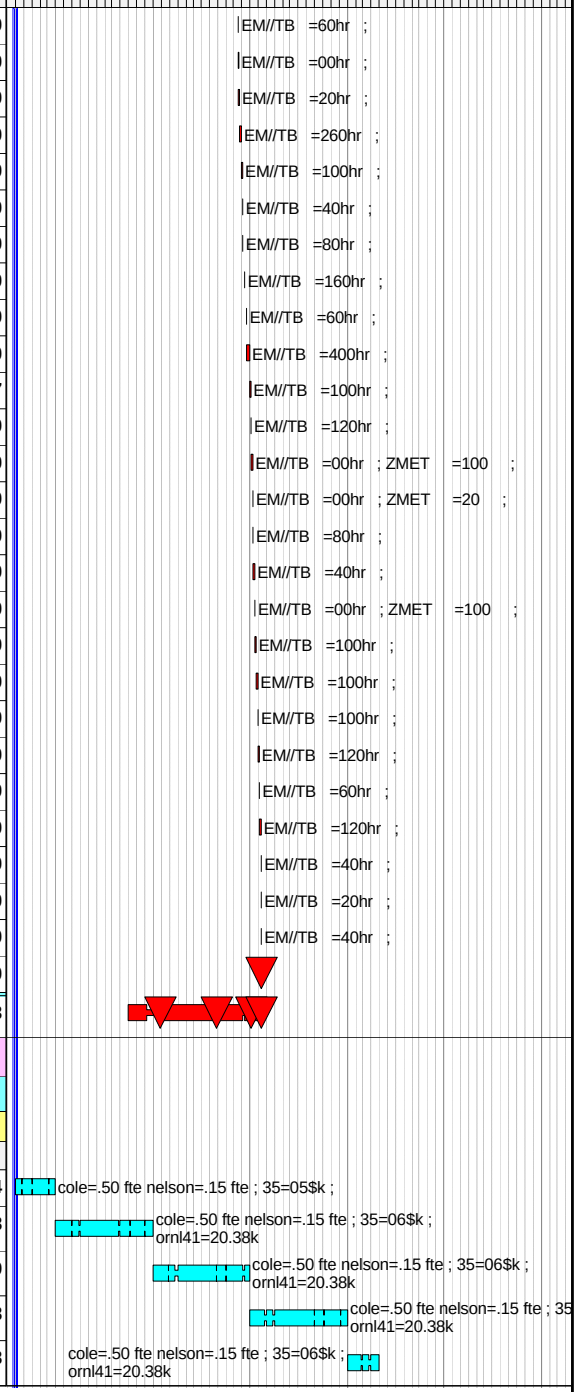
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
S53-6.08		Install machine support plates	1	18AUG09	18AUG09	2	0	4,947.60
S53-6.09		Reinstall leveler pad	0	19AUG09	18AUG09	2	0	0.00
S53-6.1		Installed one side of the TF support brackets	1	19AUG09	19AUG09	2	0	1,649.20
S53-7.01		The TF installation on the left side	6	20AUG09	27AUG09	2	0	21,439.60
S53-8.01		Perform a fit-up check of the four TF coils	3	28AUG09	01SEP09	2	0	8,246.00
S53-9.01		Tack weld the left and right port 4's.	1	02SEP09	02SEP09	2	0	3,298.40
S53-9.02		Install boots on both port 4's.	2	03SEP09	04SEP09	2	0	6,596.80
S53-10.01		Install PF coil support structure	4	08SEP09	11SEP09	2	0	13,193.60
S53-11.01		Install tMC coolant manifold	2	14SEP09	15SEP09	2	0	4,947.60
S53-11.02		Connect MC coolant lines to the manifold	10	16SEP09	29SEP09	2	0	32,984.00
S53-12.01		Install Rogowski coils	3	30SEP09	02OCT09	2	0	8,432.67
S22-9.01		Install trim coil	3	05OCT09	07OCT09	2	0	10,231.20
S53-13.01		Obtain set of Period 1 align fiducial positions	2	08OCT09	09OCT09	2	0	0.00
S53-13.02		align to tooling balls on each MCHP	1	12OCT09	12OCT09	2	0	0.00
S53-13.03		bring the VV into proper alignment	2	13OCT09	14OCT09	2	0	6,820.80
S53-13.04		Install or identify three primary fiducials	1	15OCT09	15OCT09	2	0	3,410.40
S53-13.05		Make a final measurement of all fiducials	3	16OCT09	20OCT09	2	0	0.00
S53-13.11		Check Assembly (bolts, etc)	2	21OCT09	22OCT09	2	0	8,526.00
S53-13.12		Check Diagnostics (Loops, thermocouples)	3	23OCT09	27OCT09	2	0	8,526.00
S53-13.13		Check manifolds (pressure, flow, etc.)	2	28OCT09	29OCT09	2	0	8,526.00
S53-13.14		Check 6 modcoils (voltage etc)	3	30OCT09	03NOV09	2	0	10,231.20
S53-13.15		Check trim coils (voltage etc)	2	04NOV09	05NOV09	2	0	5,115.60
S53-13.16		Check TF coils (voltage etc)	3	06NOV09	10NOV09	2	0	10,231.20
S53-14.01		Install crane rigging to completed Period assy	1	11NOV09	11NOV09	2	0	3,410.40
S53-14.02		Remove platforms	1	12NOV09	12NOV09	2	0	1,705.20
S53-14.03		Transfer Period 3 to Station 6 in NCSX tTC.	1	13NOV09	13NOV09	2	0	3,410.40
R1810-5333		Last field period assembled	0		13NOV09	2	0	0.00
Subtotal			345	01JUL08	13NOV09		0	1,334,540.63

19 - Stellarator Core Management and Integration

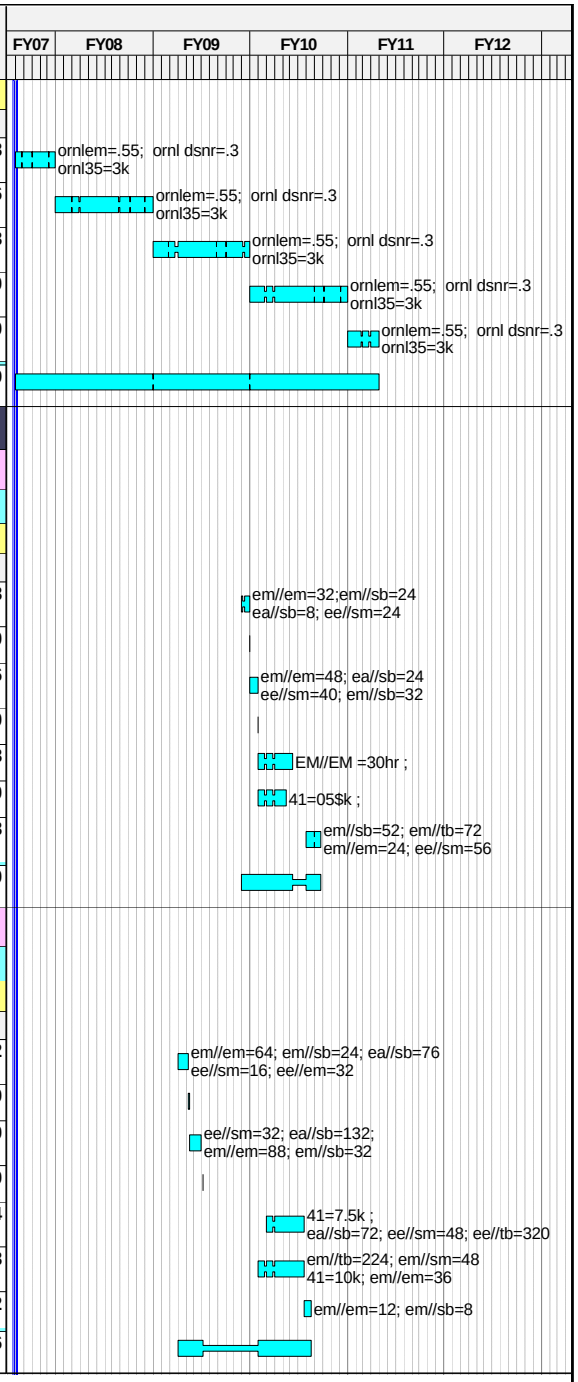
Job: 1901 - Stellarator Core Mngtt&Integr-COLE

191 - Stellarator Core Management & Oversight

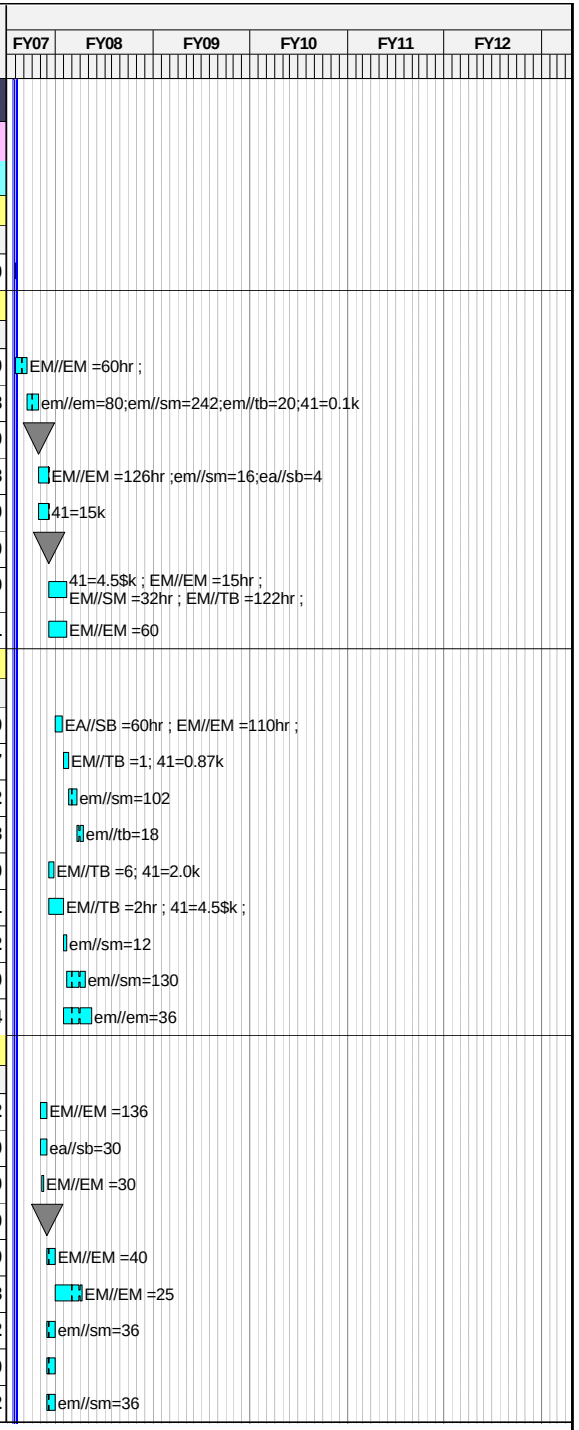
1901-07		WBS 191 FY07 LOE	106*	01MAY07*	28SEP07	1	1,249	77,380.44
1901-08		WBS 191 FY08 LOE	249*	01OCT07*	29SEP08	1	1,000	208,453.58
1901-09		WBS 191 FY09 LOE	247*	01OCT08*	28SEP09	1	752	221,094.09
1901-10		WBS 191 FY10 SA LOE	248*	01OCT09*	30SEP10	1	502	229,029.48
1901-11		WBS 191 FY10 LOE	79*	01OCT10*	31JAN11	1	423	95,379.48



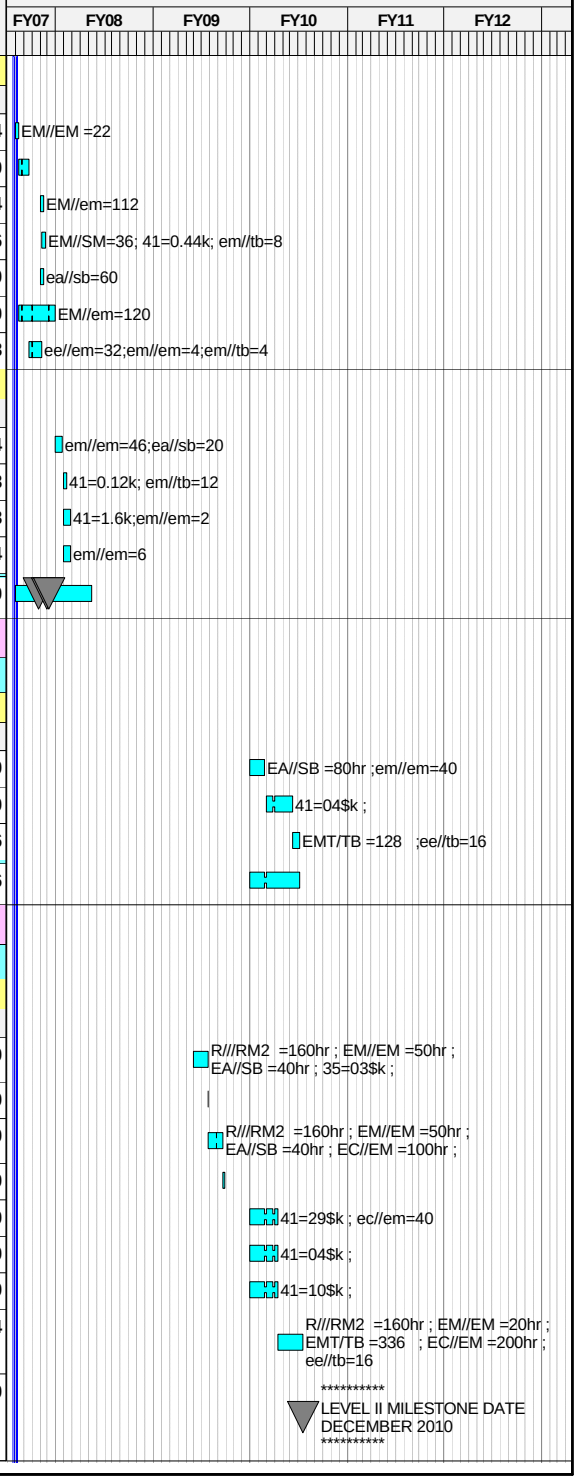
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
192 - Stellarator Core Integration & Analysis								
1902-07		WBS 192 FY07	106*	01MAY07*	28SEP07	1	1,249	84,180.68
1902-08		WBS 192 FY08	249*	01OCT07*	29SEP08	1	1,000	199,924.56
1902-09		WBS 192 FY09	247*	01OCT08*	28SEP09	1	752	210,949.08
1902-10		WBS 192 FY10	248*	01OCT09*	30SEP10	1	502	219,015.60
1902-11		WBS 192 FY10	79*	01OCT10*	31JAN11	1	423	74,333.10
Subtotal			932	01MAY07	31JAN11	1	423	1,619,740.09
2 - Plasma Heating, Fueling & Vac Systems								
21 - Fueling Systems								
Job: 2101 - Fueling Systems-BLANCHARD								
211-101		Preliminary Design	20	01SEP09*	29SEP09		55	12,552.88
211-105		PDR	1	30SEP09	30SEP09		55	0.00
211-109		Final Design	20	01OCT09	28OCT09		55	21,133.36
211-113		FDR	1	29OCT09	29OCT09		55	0.00
211-117		Title III	85	30OCT09	11MAR10		644	2,738.08
211-121		Procure Material and Supplies	65	30OCT09	11FEB10		55	7,160.00
211-125		Fabricate/Install/Test	40	28APR10	23JUN10		2	24,898.28
Subtotal			200	01SEP09	23JUN10		571	68,482.60
22 - Torus Vacuum Pumping Systems								
Job: 2201 - Vacuum Pumping Systems-BLANCHARD								
220-101		Preliminary Design	30	02JAN09*	12FEB09		190	30,783.52
220-105		PDR	1	13FEB09	13FEB09		190	0.00
220-109		Final Design	35	16FEB09	03APR09		190	39,214.80
220-113		FDR	1	06APR09	06APR09		190	0.00
220-117		Procure/Install AC pwr & Instrumentation	95	01DEC09*	22APR10		25	53,724.64
220-133		Procure/Install VPS mechanical	115	30OCT09	22APR10		25	45,270.28
220-137		Test	20	23APR10*	20MAY10		25	3,002.12
Subtotal			347	02JAN09	20MAY10		25	171,995.36



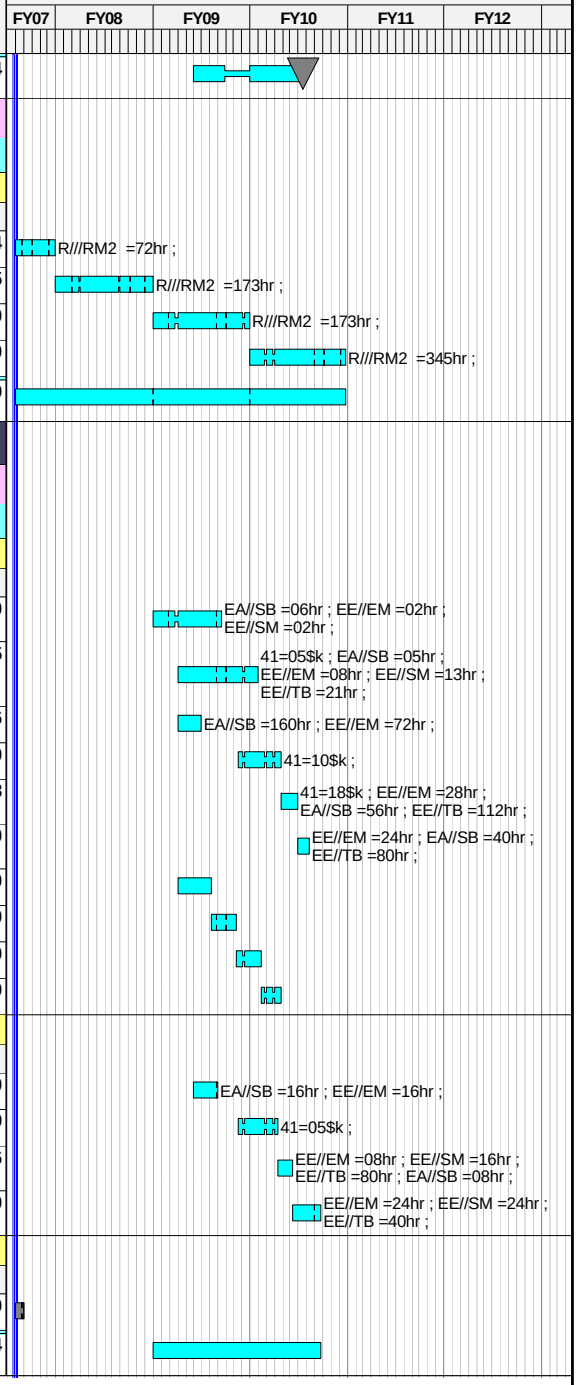
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
3 - Diagnostics								
31 - Magnetic Diagnostics								
Job: 3101 - Magnetic Diagnostics-STRATTON								
Modular Coil C-wound Loops								
3101-229		Fabricate(12) MC Protective boxes (completed	43	01MAY07A	01MAY07A			0.00
Rogowski Coils								
3101-316		CONCEP DESIGN ROWGOWSKI COIL	30	01MAY07*	12JUN07		188	9,049.20
3101-317		PRELIM DESIGN ROWGOWSKI COIL incl prototype	30	13JUN07*	25JUL07		188	16,670.28
3101-318		PDR - ROWGOWSKI COIL	0		25JUL07*		188	0.00
3101-325		FINAL DESIGN ROWGOSKI COIL	30	26JUL07*	06SEP07		188	21,435.88
3101-340		subcontract winding 3 mandrels	30	26JUL07*	06SEP07		188	19,140.00
3101-326	3	FDR - ROWGOSKI COIL	0		06SEP07		188	0.00
3101-329		FAB ROWGOWSKI COILS incl clamps	45	07SEP07	08NOV07		188	21,886.09
3101-330		Title III	45	07SEP07	08NOV07		188	9,434.71
TF and PF Co-wound Loops								
3101-425		Design Protective boxes for PF	20	01OCT07*	26OCT07		242	24,881.50
3101-426		Purchase SS Sheet	15	29OCT07*	16NOV07		242	1,218.07
3101-452		Form Protective boxes	20	19NOV07	18DEC07		242	13,475.22
3101-454		Weld end plates of PF protective boxes	10	19DEC07	10JAN08		242	1,441.98
3101-427		Purchase Heat Shrink tubing	15	04SEP07*	24SEP07		286	3,002.90
3101-428		Purchase aad'l CoAxial cable	40	04SEP07*	29OCT07		261	5,973.11
3101-450		Prototype PF Loops	10	30OCT07*	12NOV07		261	1,585.32
3101-458		FabTF,PF & solenoid co-wound loops	40	13NOV07	18JAN08		261	17,174.30
3101-456		Title III	70	29OCT07	14FEB08		242	5,788.44
T/C and Heater Tape Leads								
1204-140		Design T/C and Heater Tape Leads	20	01AUG07*	28AUG07		116	20,511.52
1204-140.2		Design Drafting T/C and Heater Tape Leads	20	01AUG07*	28AUG07		126	3,373.80
1204-140.1		Peer Review T/C and Heater Tape Leads	5	08AUG07	14AUG07		126	4,524.60
1204-141		Drawings Signed T/C and Heater Tape Leads	0		28AUG07		116	0.00
1204-146		Procurement support T/C and Heater Tape Leads	20	29AUG07	26SEP07		116	6,032.80
1204-147		Field/Fab support (title III) T/C&Heater Tape	65	27SEP07	08JAN08		116	4,012.08
1204-148		Machine 12 2.75 cf blanks	20	29AUG07	26SEP07		181	4,461.12
1204-150		Rubber seal	20	29AUG07	26SEP07		181	0.00
1204-151		Machine 6 commercial aluminum boxes	20	29AUG07	26SEP07		181	4,461.12



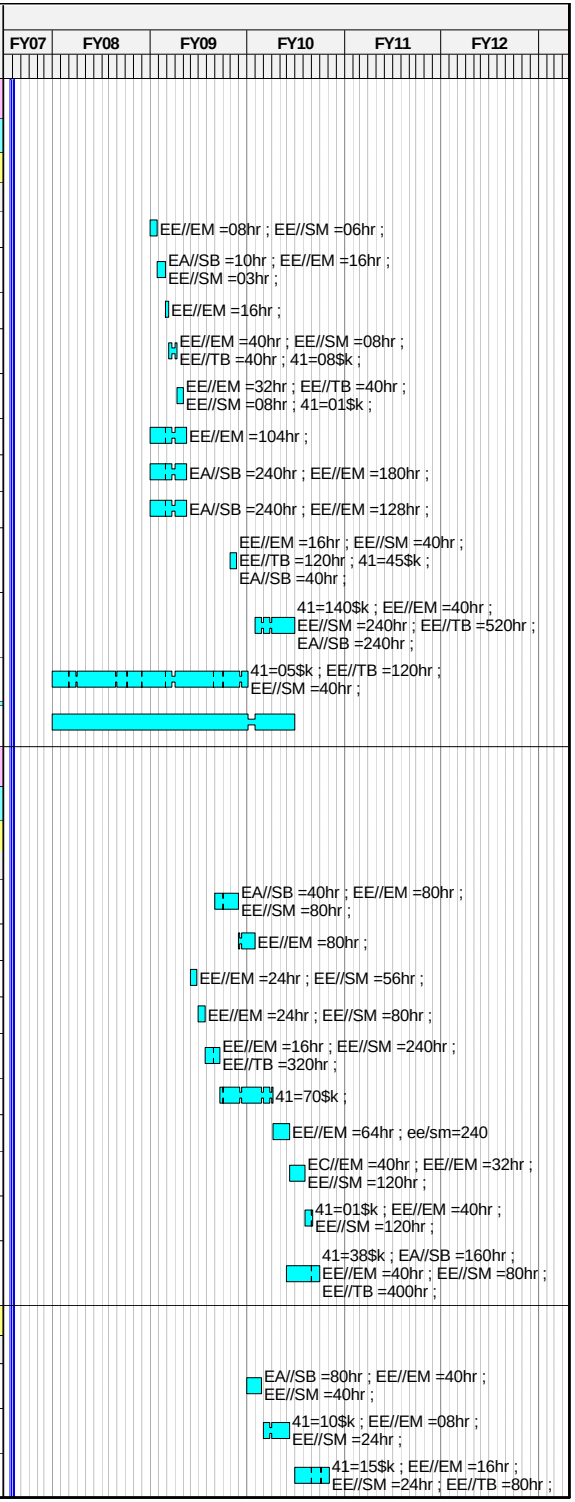
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
Flux loop junction boxes and spacer templates								
1204-160		Design Protective Boxes	10	01MAY07	14MAY07		187	3,318.04
1204-165		Issue req,Bid & Award- Flux Loop Junction Boxes	25	15MAY07	19JUN07		187	0.00
1204-170		Autocad dwgs of field runs/tag#/ports assignmt	10	01AUG07*	14AUG07		193	16,891.84
1204-161		Fab Protective Boxes	10	09AUG07	22AUG07		187	5,623.76
1204-171		Prep Dwgs of spacer loops	10	01AUG07*	14AUG07		593	6,747.60
1204-172		Title III	96	15MAY07	28SEP07		1,249	18,098.40
1204-173		Purchase material for boxes&spacers (in job 1204	35	20JUN07	08AUG07		187	6,111.88
Voltage Loops & Protective Boxes								
3101-800		Design Routing and Boxes	20	01OCT07*	26OCT07		239	9,794.54
3101-802		Fab 3 protective Boxes	10	29OCT07	09NOV07		249	1,118.28
3101-804		Purchase 900ft cable	20	29OCT07*	23NOV07		239	2,414.38
3101-806		Title III	20	29OCT07	23NOV07		239	964.74
Subtotal			0		14FEB08		1,159	290,617.50
36 - Edge and Divertor Diagnostics								
Job: 3601 - Edge Divertor Diagnostics-STRATTON								
361-001		Design Visible Camera sys	40	01OCT09*	25NOV09		51	17,054.80
361-015		Procure flange,window and material	65	30NOV09	10MAR10		51	5,012.00
361-016		fabricate and assemble Visible tv camera sys	20	11MAR10	07APR10		51	8,828.96
Subtotal			125	01OCT09	07APR10		51	30,895.76
38 - Electron Beam (EB) Mapping								
Job: 3801 - Electron Beam Mapping-STRATTON								
380-010		E-beam mapping- Prelim Design	40	02MAR09*	24APR09		114	44,761.80
380-015		E-beam mapping-PDR	1	27APR09	27APR09		114	0.00
380-100		E-beam mapping-Final Design	40	28APR09*	23JUN09		114	56,544.80
380-110		E-beam mapping-FDR	1	24JUN09	24JUN09		114	0.00
380-115		E-beam mapping-Procure Rack	65	01OCT09*	13JAN10		46	47,369.60
380-120		E-beam mapping-Procure Ports	65	01OCT09	13JAN10		46	5,728.00
380-130		E-beam mapping-Procure Data Acquisition	65	01OCT09*	13JAN10		46	14,320.00
380-135		E-beam mapping- Assemble	65	14JAN10*	14APR10		46	94,239.24
380-135M	2	E-beam mapping apparatus ready for Installation	0		14APR10		46	0.00



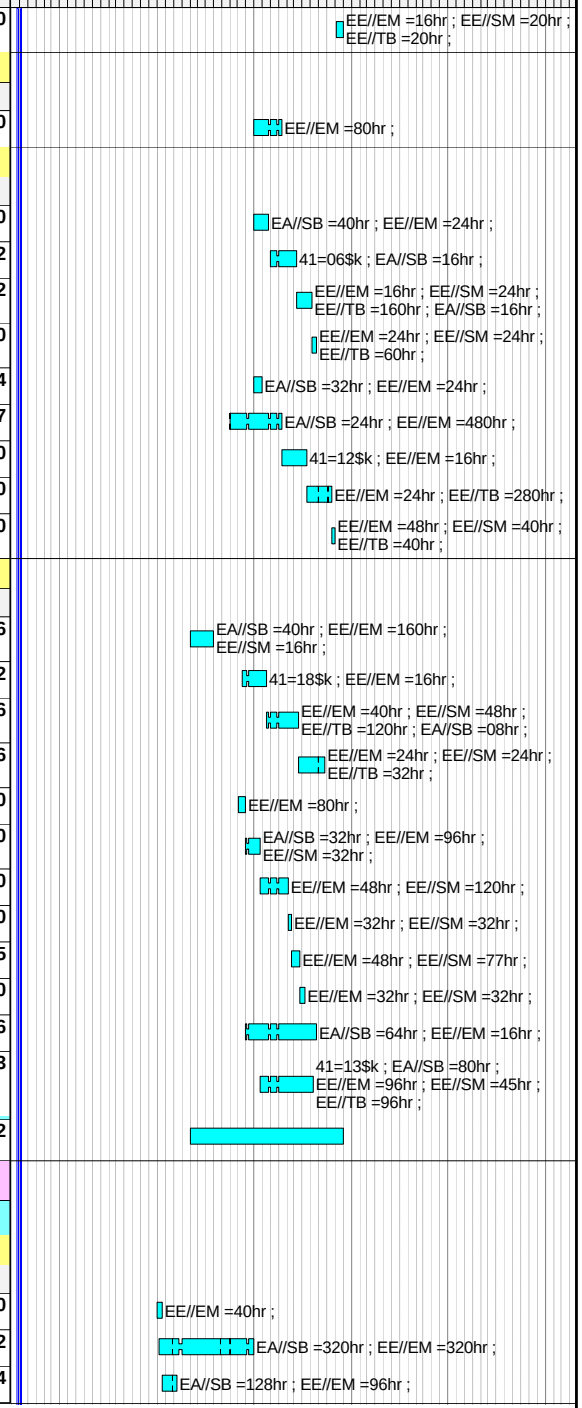
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
Subtotal			280	02MAR09	14APR10		46	262,963.44
39 - Diagnostics Integration								
Job: 3901 - Diagnostics sys Integration-STRATTON								
390-03		LOE Support FY07	106*	01MAY07	28SEP07		1,249	11,359.44
390-04		LOE Support FY08	249*	01OCT07*	29SEP08		1,000	29,228.35
390-05		LOE Support FY09	247*	01OCT08*	28SEP09		752	30,084.70
390-06		LOE Support FY10	246*	01OCT09*	28SEP10		504	62,037.90
Subtotal			851	01MAY07	28SEP10		504	132,710.39
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	01OCT08*	12JUN09		37	1,390.80
411-1-100		Ex-Test cell AC pwr-Reactiv.&new instl	210	02JAN09*	27OCT09		114	12,652.35
411-2-2		Grounding-Dsn	65	02JAN09*	02APR09		87	32,604.96
411-2-4		Grounding-Procure	107	18AUG09*	28JAN10		70	14,218.60
411-2-6		Grounding-Install	43	29JAN10*	30MAR10		70	46,659.48
411-2-8		Grounding-Commission	29	31MAR10*	10MAY10		70	16,166.80
411-3-2		Test Cell AC Power Distr-Dsn**GPP**	90	02JAN09*	07MAY09		104	0.00
411-3-4		TC AC Pwr Distr-Procure(pnls&xfrmrs)**GPP**	65	08MAY09	10AUG09		104	0.00
411-3-6		Test Cell AC Power Distr-Install**GPP**	65	11AUG09	10NOV09		104	0.00
411-3-8		Test Cell AC Power Distr-Commission**GPP**	45	11NOV09*	26JAN10		104	0.00
412 - Experimental AC Power Systems								
412-1-2		C-site Pulsed AC Power Distr-Dsn	65	02MAR09*	01JUN09		46	4,832.00
412-1-4		C-site Pulsed AC Power Distr-Procure	94*	18AUG09	11JAN10		37	7,102.29
412-1-6		C-site Pulsed AC Power Distr-Install	40	12JAN10	08MAR10		37	11,553.36
412-1-8		C-site Pulsed AC Power Distr-Commission	78	09MAR10	25JUN10		37	11,384.00
4101ACPWR		Prior ac pwr work reclassified as gpp	356	01MAY07A	31MAY07A			-104,100.00
Subtotal			0		25JUN10		37	54,464.64



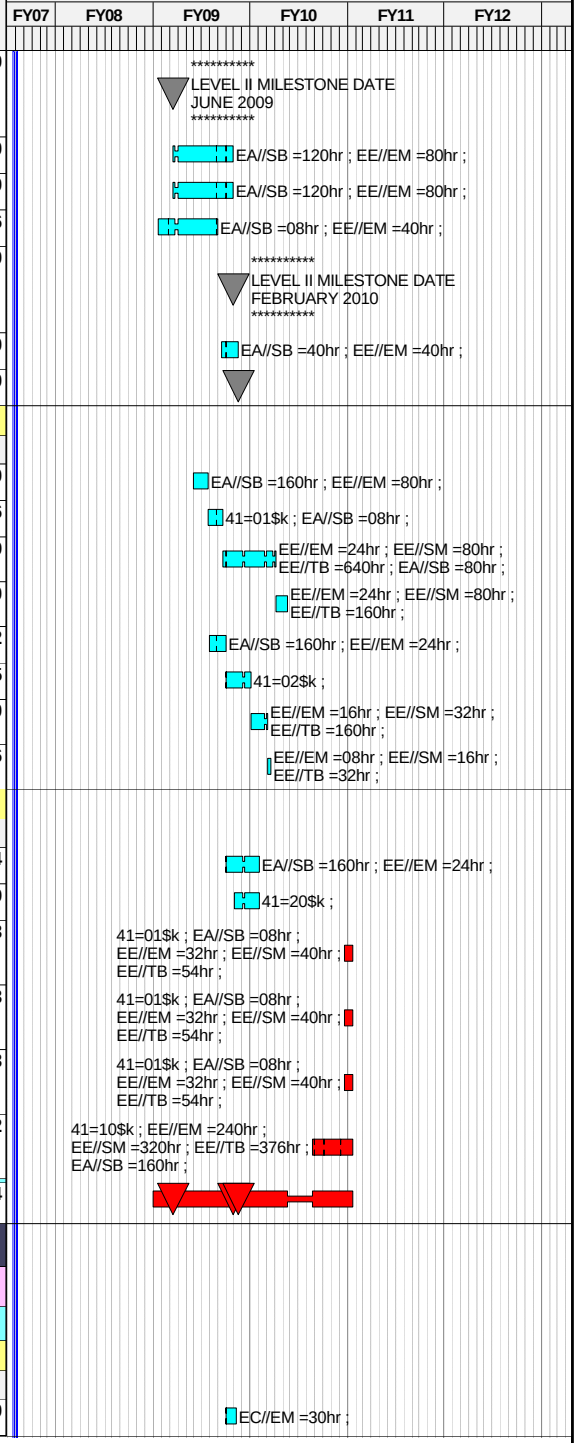
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
43 - DC Systems								
Job: 4301 - DC Systems-RAMAKRISHNAN								
431 - C-Site DC Systems								
431-200		Condition/spare parts inventory	20	01OCT08*	28OCT08		387	2,308.00
431-210		Organize & verify documentation	20	29OCT08*	25NOV08		387	4,531.16
431-215		Document status	10	26NOV08*	11DEC08		387	2,857.28
431-225		Reactivate DF & PEI units	15	12DEC08*	12JAN09		387	22,697.68
431-230		Duumy Load test of DF & PEI units	15	13JAN09*	02FEB09		387	11,490.04
431-240		Simulate each of 6 pwr loops in PSCAD	90	01OCT08*	16FEB09		260	18,572.32
431-250		c-site dc sys DGS dsn documentation	90	01OCT08*	16FEB09		260	61,765.20
431-261		Redo power loop design	90	01OCT08*	16FEB09		260	52,479.04
431-265		Fabricate bus components	20	29JUL09*	25AUG09		146	86,139.48
431-275		Power cabling & Installation	97	02NOV09*	30MAR10		99	317,964.40
431-276		Maint of C-site rectifiers	501	01OCT07*	02OCT09		216	22,026.38
Subtotal			618	01OCT07	30MAR10		99	602,830.98
44 - Control and protection Systems								
Job: 4401 - Control & Protection-RAMAKRISHNAN								
441 - Electrical Interlocks								
441-095		Design Interlock sys	65	01JUN09*	31AUG09		241	30,948.00
441-097		Install Interlock sys	40	01SEP09	27OCT09		241	26,431.48
441-100		PLC Specification	20	02MAR09*	27MAR09		75	12,493.28
441-105		Prep Block diagrams	20	30MAR09	24APR09		75	16,010.72
441-110		PLC CWD's & Cabling	40	27APR09*	22JUN09		75	63,679.68
441-115		deliver PLC	130	23JUN09	06JAN10		75	98,920.77
441-120		Program PLC Logic	45	07JAN10	10MAR10		75	48,189.60
441-125		Program Control pages	40	11MAR10	05MAY10		75	30,509.20
441-130		Pre-commissioning tests	20	06MAY10	03JUN10		75	27,004.00
441-135		Install I/O Cabling control & protection	90	25FEB10	01JUL10		75	127,497.20
442 - Kirk Key Interlocks								
442-1-2		Kirk Keys-Dsn	40	01OCT09*	25NOV09		45	23,657.60
442-1-4		Kirk Keys-Procure	65	30NOV09	10MAR10		45	19,434.40
442-1-6		Kirk Keys-Install	90	01APR10*	06AUG10		30	34,702.00



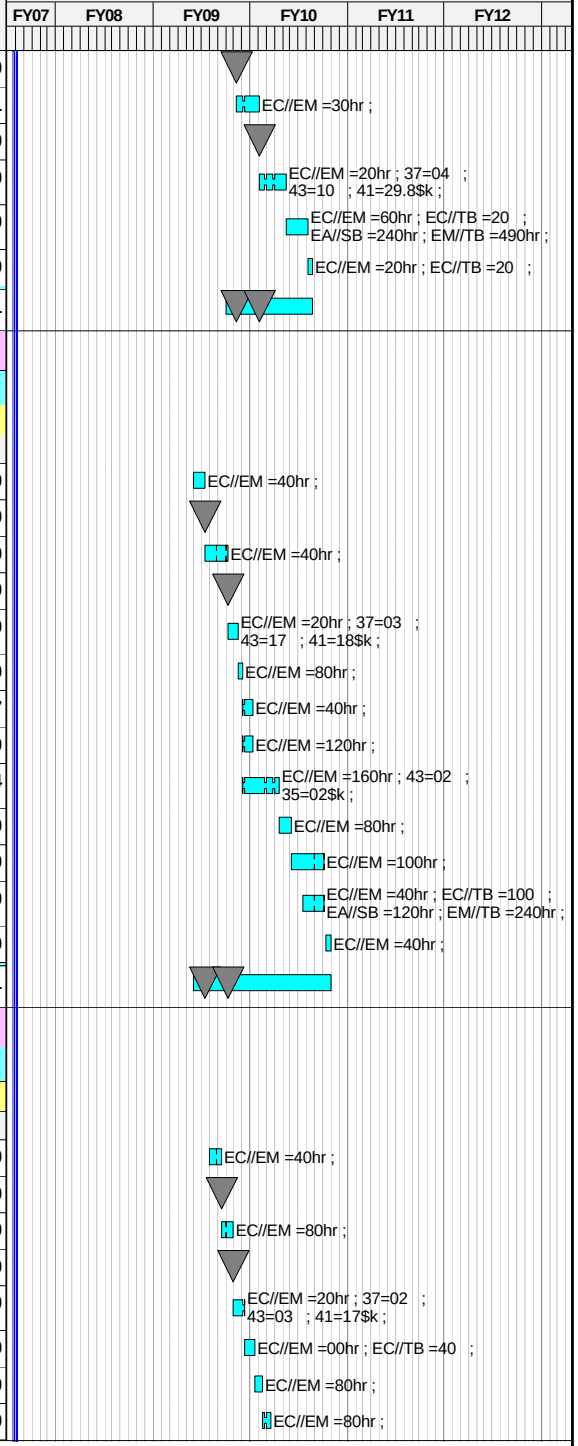
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
442-1-8		Kirk Keys-Commission	20	09AUG10	03SEP10		30	7,643.00
443 - Real Time Control Systems								
443-1-2		Develop Control Algorithms-Dsn	65	01OCT09*	13JAN10		195	14,772.00
444 - Instrument Systems								
444-2-2		DC Potential Transducers (DCPTs)-Dsn	40	01OCT09*	25NOV09		100	9,536.40
444-2-4		DC Potential Transducers (DCPTs)-Procure	65	30NOV09	10MAR10		100	10,633.92
444-2-6		DC Potential Transducers (DCPTs)-Install	40	11MAR10	05MAY10		100	21,894.32
444-2-8		DC Potential Transducers (DCPTs)-Commission	15	06MAY10	26MAY10		100	13,041.60
444-3-2		DC Shunts-Dsn	20	01OCT09*	28OCT09		240	8,515.44
444-4-2		Signal Conditioning & Cabling-Dsn	130	01JUL09*	14JAN10		54	90,210.87
444-4-4		Signal Conditioning & Cabling-Procure	65	15JAN10	15APR10		54	20,138.40
444-4-6		Signal Conditioning & Cabling-Install	65	16APR10	19JUL10		54	27,638.00
444-4-8		Signal Conditioning & Cabling-Commission	10	20JUL10	02AUG10		54	18,240.40
445 - Coil Protection Systems								
445-1-2		Ground Fault Protection-Dsn	65	02FEB09*	01MAY09		66	35,854.56
445-1-4		Ground Fault Protection-Procure	65	18AUG09*	17NOV09		81	28,383.62
445-1-6		Ground Fault Protection-Install	75	18NOV09*	16MAR10		81	25,626.96
445-1-8		Ground Fault Protection-Commission	70	17MAR10	23JUN10		81	10,720.96
445-2-105		Overload Protect-Write spec and approve	20	03AUG09*	28AUG09		102	14,286.40
445-2-110		Overload Protect-Design	40	31AUG09*	26OCT09		112	26,177.60
445-2-115		Overload Protect-Fabr 4 chassis	65	27OCT09*	08FEB10		132	27,049.20
445-2-120		Overload Protect-Test 4 units	10	09FEB10	22FEB10		132	10,758.40
445-2-125		Overload Protect-Install & Rack wiring	20	23FEB10	22MAR10		132	20,532.55
445-2-130		Overload Protect-Write & perform ISTP	15	23MAR10	12APR10		132	10,758.40
445-2-135		Overload Protect-Documentation	180	31AUG09*	24MAY10		102	11,077.36
445-2-140		Overload Protection&cabling design,procure instl	130	27OCT09*	10MAY10		112	61,328.23
Subtotal			400	02FEB09	03SEP10		30	1,084,296.52
45 - Power System Design and Integration								
Job: 4501 - Power Sys Dsn & Integr-RAMAKRISHNAN								
451 - System Design & Interfaces								
451-0-2		Develop SRD	15	01OCT08*	21OCT08		146	7,143.20
451-3-2		Dwgs,asbuilts -Elect Dsn	245	08OCT08*	01OCT09		259	96,653.42
451-2-2		PDR Prep Power system -Dsn	40	22OCT08	18DEC08		146	32,941.44



Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
451-2-3	2	PDR Power system -Dsn	0		18DEC08		146	0.00
451-6-2		Final design C-Site -Cabling	149	19DEC08	28JUL09		146	29,096.80
451-2-2.1		Final Design C-Site	149	19DEC08	28JUL09		146	29,096.80
451-1-2		Calculations-Dsn	149	22OCT08*	01JUN09		186	8,130.56
451-202.2	2	FDR C-Site	0		28JUL09		146	0.00
451-4-2		Final Dsn AC auxiliaries & grounding-Dsn	45	15JUN09	17AUG09		37	12,080.00
451-402.1		FDR AC auxiliaries & grounding-Dsn	0		17AUG09		37	0.00
452 - Electrical Systems Support								
452-1-2		Diagnostics AC Power Distr-Dsn	40	02MAR09*	24APR09		170	34,033.60
452-1-4		Diagnostics AC Power Distr-Procure	40	27APR09	22JUN09		170	2,384.36
452-1-6		Diagnostics AC Power Distr-Install	130	23JUN09	06JAN10		170	78,393.29
452-1-8		Diagnostics AC Power Distr-Commission	30	07JAN10	17FEB10		170	29,816.40
452-2-2		Diagnostics sensor cabling-Dsn	43	01MAY09*	01JUL09		205	24,033.12
452-2-4		Diagnostics sensor cabling-Procure	65	02JUL09	02OCT09		205	2,796.15
452-2-6		Diagnostics sensor cabling-Install	43	05OCT09	04DEC09		205	21,064.80
452-2-8		Diagnostics sensor cabling-Commission	10	07DEC09	18DEC09		205	6,554.16
453 - System Testing (PTP's)								
453-1-2		New Procedures	90	01JUL09*	05NOV09		134	24,269.34
453-1-3		Preop Testing-Procure test equipt	65	03AUG09*	02NOV09		217	28,187.69
453-1-4		TF Coil Test	20	21SEP10*	18OCT10		0	19,276.93
453-1-5		PF Coil Test	20	21SEP10*	18OCT10		0	19,276.93
453-1-6		Trim Coil Coil Test	20	21SEP10*	18OCT10		0	18,550.13
453-1-8		Testing PTPs, ISTPs	100	27MAY10*	18OCT10		0	159,346.02
Subtotal			509	01OCT08	18OCT10		0	683,125.14
5 - Central I&C Systems								
51 - Network and Fiber Infrastructure								
Job: 5101 - Network and Fiber Infrastruct-SICHTA								
R51-10		Preliminary Design	30	01JUL09*	12AUG09		93	4,652.70



Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
R51-11		PDR	0		12AUG09		93	0.00
R51-20		Final Design	60	13AUG09	05NOV09		93	4,721.21
R51-21		FDR	0		05NOV09		93	0.00
R51-30		Procurement	60	06NOV09	11FEB10		93	52,884.80
R51-50		Installation	60	12FEB10	06MAY10		93	83,587.00
R51-60		Test	14	07MAY10	26MAY10		93	4,766.40
Subtotal			224	01JUL09	26MAY10		93	150,612.11
52 - Central Instrumentation & Control								
Job: 5201 - I&C Systems-SICHTA								
R52-10		Preliminary Design	30	02MAR09*	10APR09		49	6,203.60
R52-11		PDR	0		10APR09		49	0.00
R52-20		Final Design	60	13APR09	07JUL09		49	6,203.60
R52-21		FDR	0		07JUL09		49	0.00
R52-30		Procurement	30	08JUL09	18AUG09		49	33,500.80
R52-40		EPICS Programming - Base	10	19AUG09	01SEP09		49	12,407.20
R52-50		EPICS Programming - VDCT db editor	30	02SEP09	14OCT09		229	6,273.87
R52-60		IOC Programming - MDSplus data & events	30	02SEP09	14OCT09		229	18,821.60
R52-70		OPC - EPICS/PLC Interface	90	02SEP09	20JAN10		49	28,002.44
R52-80		Appl. Programming-T/C	30	21JAN10	03MAR10		49	12,828.80
R52-90		Programming - misc.	90	04MAR10	09JUL10		49	16,036.00
R52-100		Installation	60	15APR10	09JUL10		49	49,987.20
R52-110		Test	14	12JUL10	29JUL10		49	6,414.40
Subtotal			354	02MAR09	29JUL10		49	196,679.51
53 - Data Acquisition & Facility Computing								
Job: 5301 - Data Acquisition-SICHTA								
R53-10		Preliminary Design	30	01MAY09*	12JUN09		55	6,203.60
R53-11		PDR	0		12JUN09		55	0.00
R53-20		Final Design	30	15JUN09	27JUL09		55	12,407.20
R53-21		FDR	0		27JUL09		55	0.00
R53-30		Procurement	30	28JUL09	08SEP09		55	30,352.80
R53-40		Installation	30	09SEP09	20OCT09		55	3,063.79
R53-50		MDSplus Installation	20	21OCT09	17NOV09		55	12,828.80
R53-60		MDSplus Programming - Tree Design	20	18NOV09	17DEC09		55	12,828.80



Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
R53-70		MDSplus Programming - Shot Sync	20	18DEC09	26JAN10		55	12,828.80
R53-110		Programming - Misc.	60	27JAN10	20APR10		55	25,657.60
R53-80		MDSplus Programming - Dispatcher	30	21APR10	02JUN10		55	25,657.60
R53-90		MDSplus Programming - Acquisition	20	03JUN10	30JUN10		55	12,828.80
R53-120		Test	14	01JUL10	21JUL10		55	9,532.80
Subtotal			304	01MAY09	21JUL10		55	164,190.59

54 - Facility Timing & Synchronization

Job: 5401 - Facility Timing & Synchron.-SICHTA

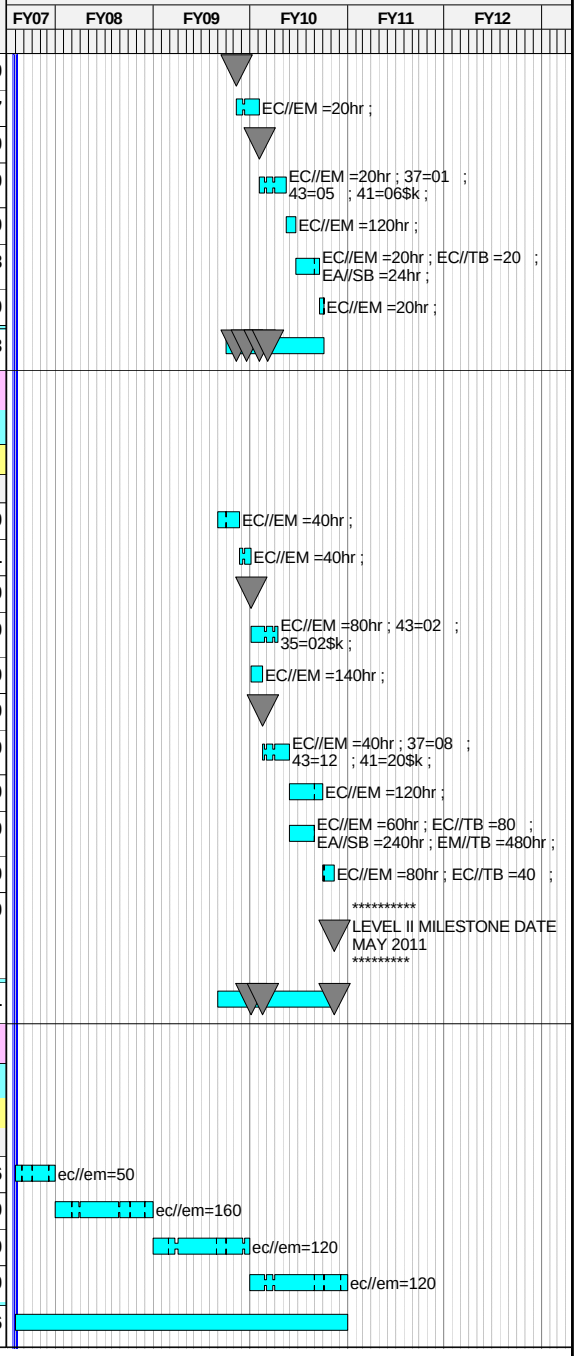
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
R54-10		Preliminary System Design	30	01JUL09*	12AUG09		43	6,203.60
R54-11		PDR	0		12AUG09		43	0.00
R54-20		Final SystemDesign	40	13AUG09	08OCT09		43	6,235.22
R54-21		FDR	0		08OCT09		143	0.00
R54-30		Preliminary Design - Clock Dist.	20	09OCT09	05NOV09		143	10,593.20
R54-40		Final Design - Clock Dist.	30	06NOV09	21DEC09		143	25,365.20
R54-50		Test - Clock Dist.	40	26FEB10	22APR10		103	31,617.80
R54-60		Procurement	90	09OCT09	25FEB10		53	36,330.40
R54-70		UNT - Timing & Seq Emulation (FPGA Pgm)	90	02NOV09*	19MAR10		127	12,473.60
R54-80		UNT - Device Driver Prog (EPICS/MDSplus)	120	08DEC09	04JUN10		43	25,657.60
R54-90		Central Clock (EPICS) Programming	30	07JUN10	19JUL10		43	12,828.80
R54-100		Installation	90	26FEB10	02JUL10		53	27,987.20
R54-110		Test	14	20JUL10	06AUG10		43	9,532.80
Subtotal			274	01JUL09	06AUG10		43	204,825.42

55 - Real Time Plasma & Power Supply Control Sys

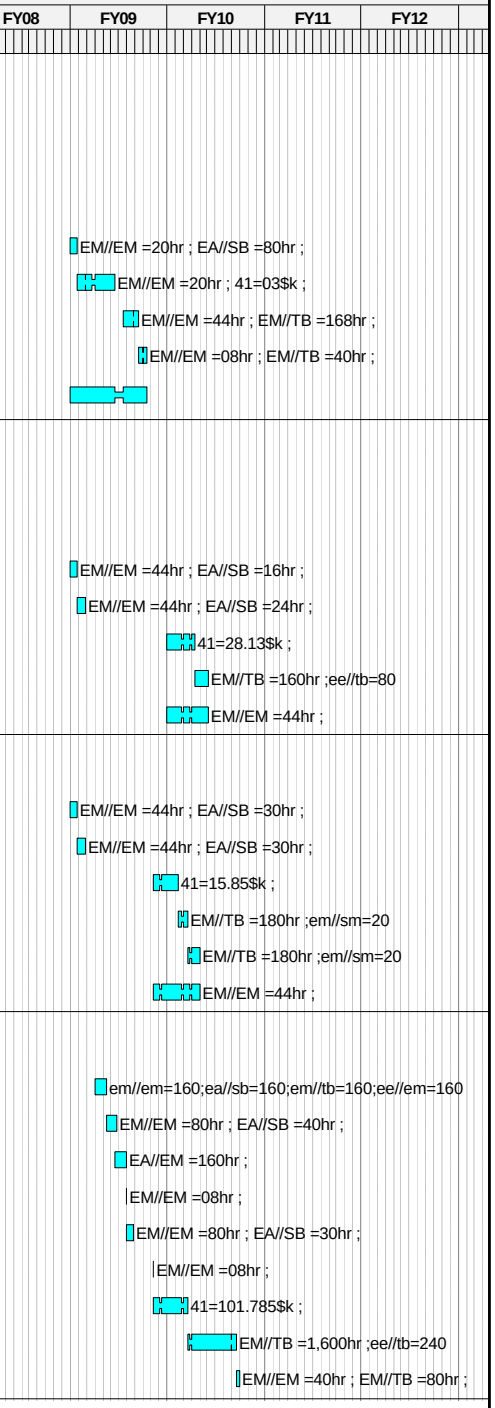
Job: 5501 - Real Time Control System-SICHTA

Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
R55-10		FCPC - Preliminary Design	30	03AUG09*	14SEP09		71	6,203.60
R55-11		PDR	0		14SEP09		71	0.00
R55-20		FCPC -Final Design	60	15SEP09	09DEC09		71	12,744.48
R55-21		FDR	0		09DEC09		71	0.00
R55-30		FCPC - Procurement	60	10DEC09	15MAR10		71	13,550.20
R55-40		FCPC LabVIEW Programming	30	26MAR10	06MAY10		93	19,243.20
R55-45		FCPC PLC Integration-EPICS Prog.	30	26MAR10	06MAY10		93	6,414.40
R55-50		FCPC - Installation	60	16MAR10	08JUN10		71	9,532.80
R55-60		FCPC -Test	14	09JUN10	28JUN10		71	7,973.60
R55-70		GISRTC - Preliminary Design	30	01JUL09*	12AUG09		63	6,203.60

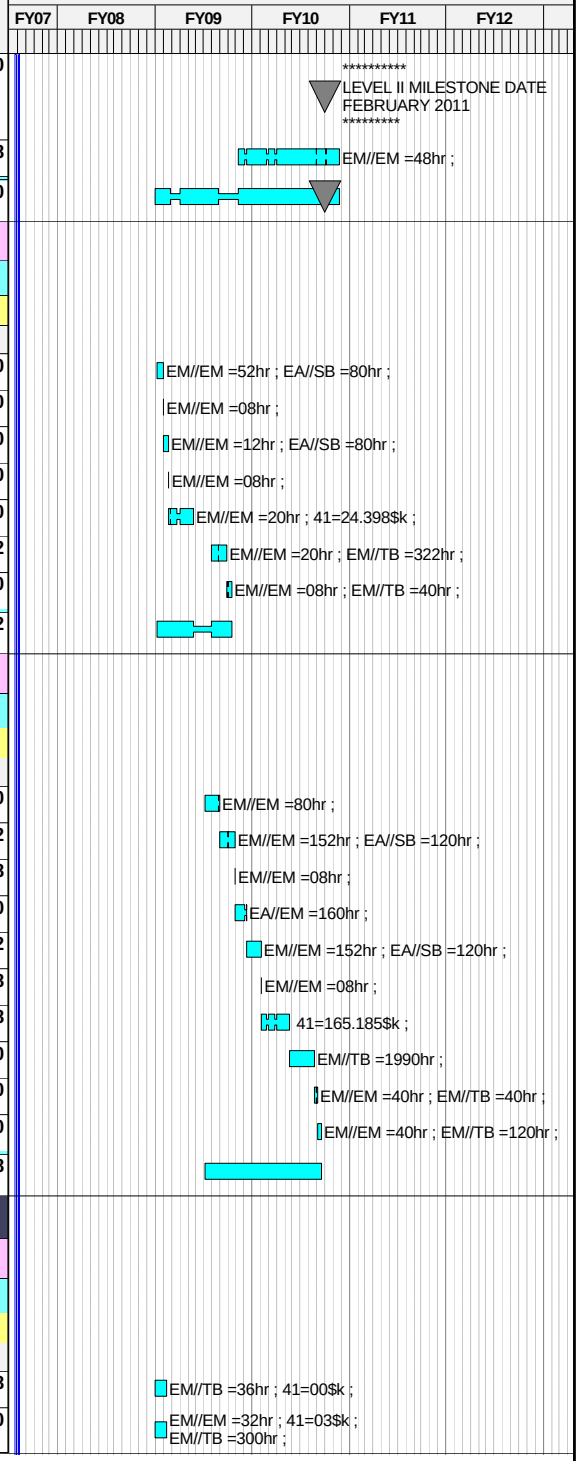
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
R55-71		PDR	0		12AUG09		63	0.00
R55-80		GISRTC -Final Design	60	13AUG09	05NOV09		63	3,147.47
R55-81		FDR	0		05NOV09		63	0.00
R55-90		GISRTC - Procurement	60	06NOV09	11FEB10		63	13,550.20
R55-100		GISRTC LabVIEW Programming	30	12FEB10	25MAR10		63	19,243.20
R55-110		GISRTC - Installation	60	26MAR10	18JUN10		63	7,829.28
R55-120		GISRTC -Test	14	21JUN10	09JUL10		63	3,207.20
Subtotal			254	01JUL09	09JUL10		63	128,843.23
56 - Central Safety and Interlock Systems								
Job: 5601 - Central Safety &Interlock Sys-SICHTA								
R56-10		Requirements, Codes&Standards	60	01JUN09*	24AUG09		39	6,203.60
R56-20		Preliminary Design	30	25AUG09	06OCT09		39	6,231.71
R56-21		PDR	0		06OCT09		39	0.00
R56-30		PLC Training	60	07OCT09	12JAN10		159	15,374.80
R56-35		Final Design	30	07OCT09	17NOV09		39	22,450.40
R56-36		FDR	0		17NOV09		39	0.00
R56-40		Procurement	60	18NOV09	23FEB10		39	49,062.40
R56-50		PLC Programming	90	24FEB10	30JUN10		39	19,243.20
R56-60		Installation	70	24FEB10	02JUN10		59	87,412.00
R56-70		Test	30	01JUL10	12AUG10		39	15,947.20
R56-70M	2	Compl Central Safety&Interlock Sys Pre-ops Tests	0		12AUG10		39	0.00
Subtotal			300	01JUN09	12AUG10		39	221,925.31
58 - Central I&C management and Integration								
Job: 5801 - Central I&C Integr& Oversight-SICHTA								
R58-10		WBS58 -FY07 Management & Integration LOE	107	01MAY07*	01OCT07		1,248	7,039.66
R58-20		WBS58 -FY08 Management & Integration LOE	250	01OCT07*	30SEP08		999	24,107.20
R58-30		WBS58 -FY09 Management & Integration LOE	249	01OCT08*	30SEP09		750	18,610.80
R58-40		WBS58 -FY10 Management & Integration LOE	248	01OCT09*	30SEP10		502	19,243.20
Subtotal			853	01MAY07	30SEP10		502	69,000.86



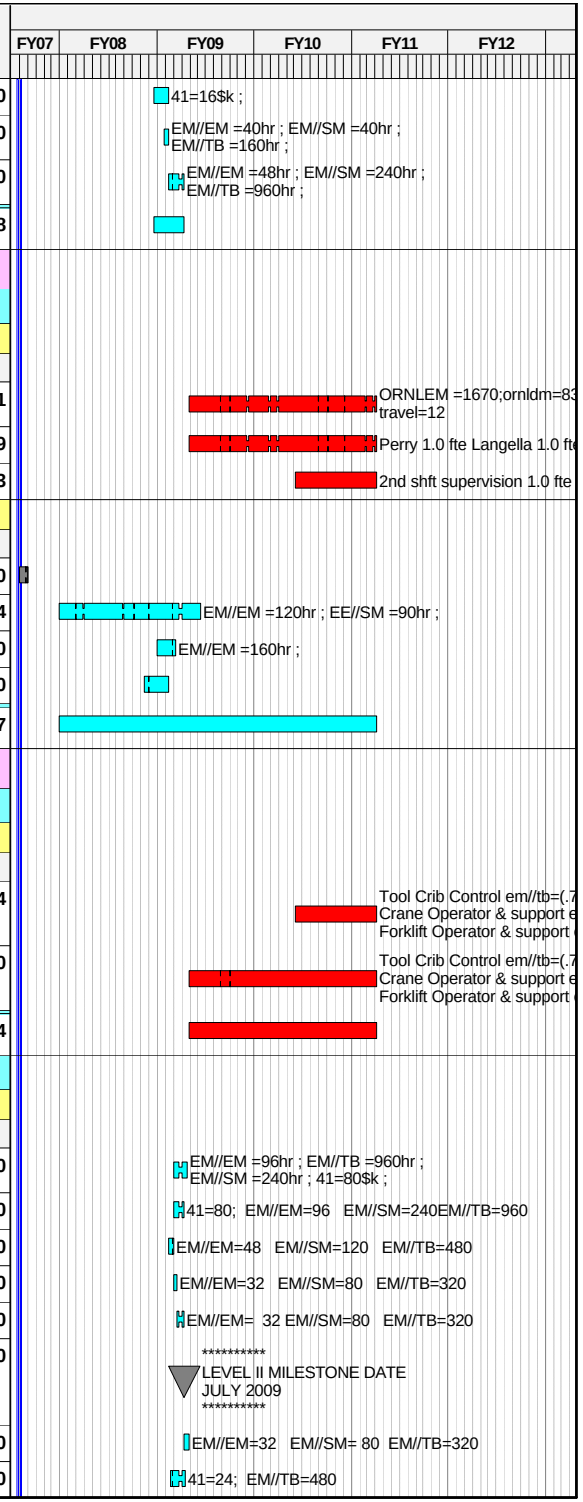
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
6 - Facility Systems								
61 - Water Systems								
Job: 6101 - Water Systems-DUDEK								
613 - Vacuum Pumping System								
6101-100		Design Vac Pmp water sys	20	01OCT08*	28OCT08		258	13,183.60
6101-105		Procure Hardware and materials Vac Pmp water sys	90	29OCT08	16MAR09		258	7,459.09
6101-110		Fabricate and Install Vac Pmp water sys	40	20APR09*	15JUN09		234	21,135.28
6101-115		Test Vac Pmp water sys	22	16JUN09	16JUL09		234	4,622.40
Subtotal			196	01OCT08	16JUL09		234	46,400.37
62 - Cryogenic Systems								
Job: 6201 - Cryogenic Syst-GETTELFINGER								
621 - LN2-LHe Supply System								
621-101		LN2 - LHe Supply-Preliminary Design	20	01OCT08*	28OCT08		221	9,256.72
621-121		LN2 - LHe Supply-Final Design	20	29OCT08	25NOV08		222	10,244.08
621-131		LN2 - LHe Supply-Procure Hardware & Materials	65	01OCT09*	13JAN10		124	40,282.16
621-141		LN2 - LHe Supply-Fabricate & Assembly	35	14JAN10	03MAR10		124	20,272.00
621-151		LN2 - LHe Supply-Title III	100	01OCT09	03MAR10		124	7,529.72
622 - LN2 Coil Cooling Supply								
622-101		LN2 Coil Cooling Supply-Prelim Design	20	01OCT08*	28OCT08		221	10,984.60
622-121		LN2 Coil Cooling Supply-Final Design	20	29OCT08	25NOV08		222	10,984.60
622-131		LN2 Coil Cooling Supply-Procure Hardware	65	12AUG09*	11NOV09		144	22,398.49
622-141		LN2 Coil Cooling Supply-Assemble Skid	25	12NOV09	18DEC09		144	18,158.80
622-151		LN2 Coil Cooling Supply-Relocate skid to NCSX TC	25	21DEC09	03FEB10		144	18,158.80
622-161		LN2 Coil Cooling Supply-Title III	115	12AUG09	03FEB10		144	7,454.33
623 - GN2 Cryostat Cooling System								
623-100		GN2 Cryostat Cooling Sys Development	30	05JAN09*	13FEB09		122	87,993.60
623-101		GN2 Cryostat Cooling Sys-Preliminary Design	30	16FEB09*	27MAR09		122	18,176.80
623-121		GN2 Cryostat Cooling Sys-Analysis	30	19MAR09*	29APR09		99	30,593.60
623-141		GN2 Cryostat Cooling Sys-WBS 62/171 PDR	1	30APR09	30APR09		99	1,324.00
623-161		GN2 Cryostat Cooling Sys-Final Design	20	01MAY09	29MAY09		99	16,942.60
623-181		GN2 Cryostat Cooling Sys-WBS 62/171 FDR	1	11AUG09	11AUG09		49	1,324.00
623-201		GN2 Cryostat Cooling Sys-Procure Hardware	88	12AUG09	16DEC09		49	144,346.32
623-221		GN2 Cryostat Cooling Sys-Assemble & Install	122	17DEC09	17JUN10		49	156,307.20
623-261		WBS 62/171 Cryo systems PTP	10	18JUN10	01JUL10		49	13,666.00



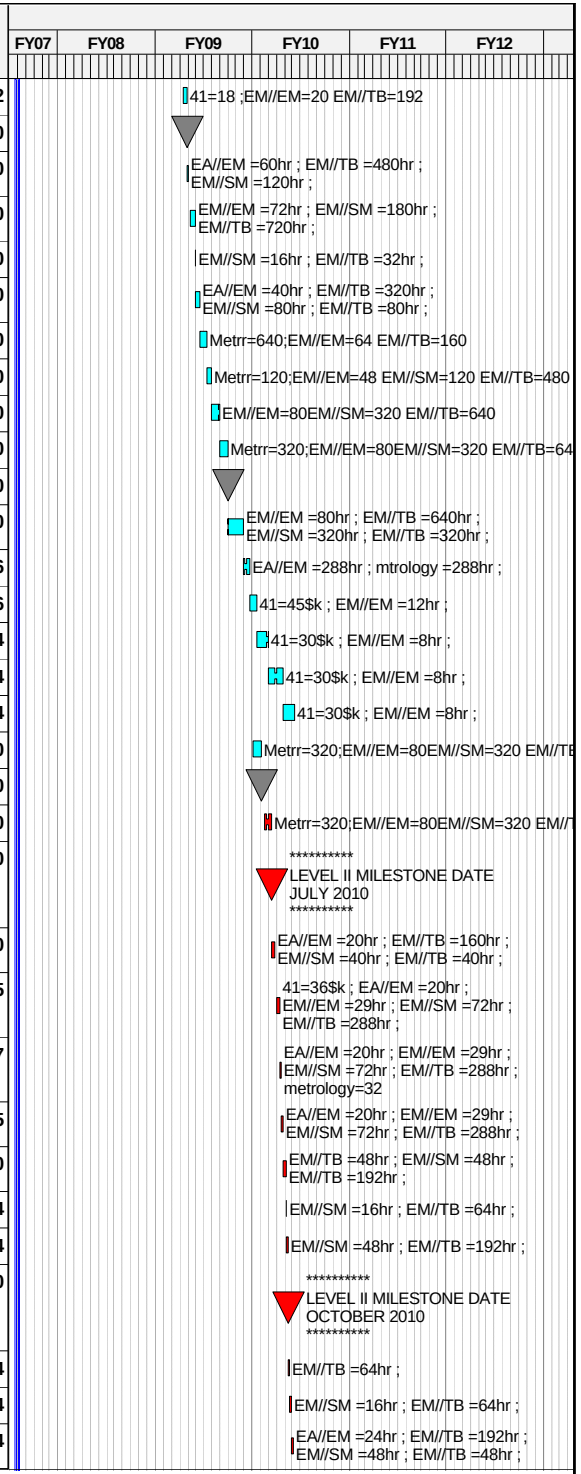
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
623-261M	2	Complete Cryo Systems Pre-ops Test	0		01JUL10		49	0.00
623-262		GN2 Cryostat Cooling Supply-Title III	258	12AUG09	25AUG10		527	8,177.58
Subtotal			472	01OCT08	25AUG10		527	654,576.00
63 - Utility Systems								
Job: 6301 - Utility Systems-DUDEK								
6301-001		Vac Vent and Air sys- Prelim Dsn	20	06OCT08*	31OCT08		285	18,479.60
6301-005		Vac Vent and Air sys- PDR	1	03NOV08*	03NOV08		285	1,324.00
6301-009		Vac Vent and Air sys- Final dsn	10	04NOV08*	17NOV08		285	11,859.60
6301-010		Vac Vent and Air sys- FDR	1	18NOV08*	18NOV08		285	1,324.00
6301-013		Vac Vent and Air sys- Procure hardware and compo	60	19NOV08	23FEB09		285	37,396.80
6301-017		Vac Vent and Air sys- Fabricate and Install	40	01MAY09*	26JUN09		237	29,862.12
6301-020		Vac Vent and Air sys-Test	10	29JUN09*	13JUL09		237	4,622.40
Subtotal			190	06OCT08	13JUL09		237	104,868.52
64 - PFC/VV Heating & Cooling (Bakeout)								
Job: 6401 - PFC/VV Htng/Cooling(bakeout)- KALISH								
6401-000		Bakeout Sys- Requirements Definition	40	06APR09*	01JUN09		93	15,296.80
6401-001		Bakeout Sys-Preliminary Design	40	02JUN09*	28JUL09		93	43,874.32
6401-002		Bakeout Sys-PDR	1	29JUL09*	29JUL09		93	1,529.68
6401-004		Bakeout Sys- EA Analysis	30	30JUL09	10SEP09		93	30,593.60
6401-005		Bakeout Sys-Final Design	40	11SEP09*	05NOV09		93	44,844.12
6401-009		Bakeout Sys-FDR	1	06NOV09*	06NOV09		93	1,581.68
6401-010		Bakeout Sys-Procure Piping & Equipt	65	09NOV09*	19FEB10		93	236,552.08
6401-013		Assemble & Install	65	22FEB10*	21MAY10		93	169,667.40
6401-017		Bakeout Sys- ACC Review	10	24MAY10*	07JUN10		93	11,318.80
6401-020		Bakeout Sys-PTP Testing	10	08JUN10*	21JUN10		93	18,139.60
Subtotal			302	06APR09	21JUN10		93	573,398.08
7 - Test Cell Preparation and Machine Assy								
73 - Platform Design & Fabrication								
Job: 7301 - Platform Design & Fab-PERRY								
711A.040		Platform nut plates	30	02OCT08	12NOV08		16	2,976.68
712.020		Platform Parts	30	02OCT08	12NOV08		16	34,225.00



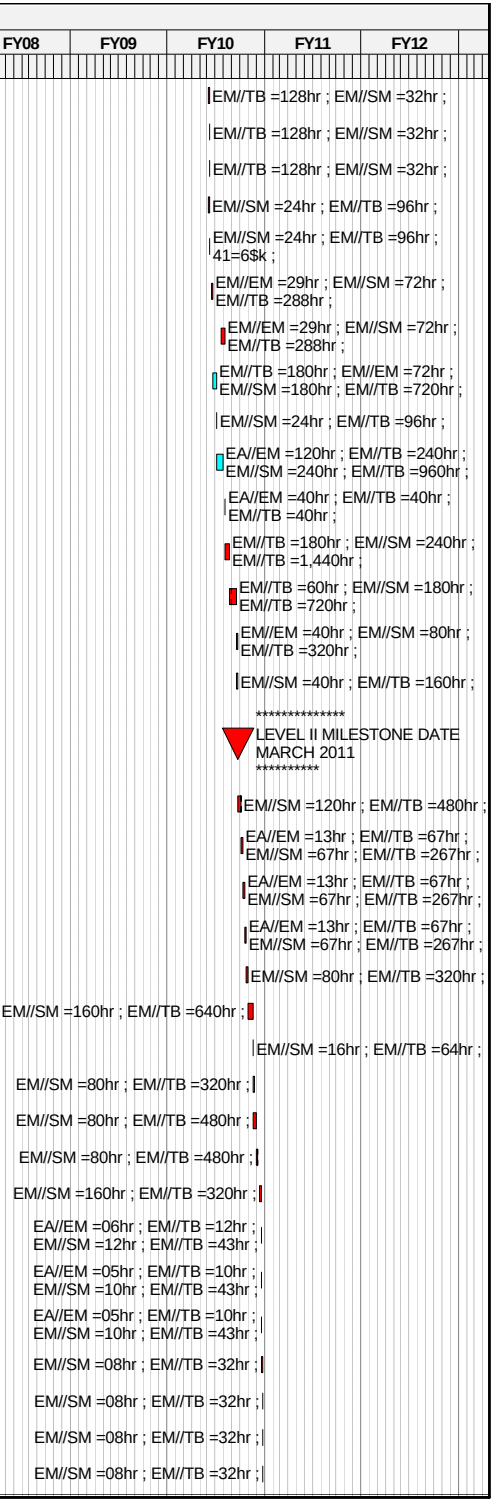
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
712.030		Miscs Hardware/Material	40	18SEP08	12NOV08		16	22,031.60
7301-100		Survey & layout locations for platform posts	10	30OCT08	12NOV08		16	25,252.80
7301-102		Machine platform trial assembly & fitup	30	13NOV08*	06JAN09		16	119,740.80
Subtotal			70	18SEP08	06JAN09		16	204,226.88
74 - Machine Assembly Planning and Oversight								
Job: 7401 - TC Prep & Mach Assy Planning-PERRY								
Oversight and Supervision								
1802ORNLFA		ORNL Title III final machine assy	482*	26JAN09	03JAN11		0	381,381.71
714.030		LOE Start of assy through thru completion	482*	26JAN09	03JAN11	LOE	0	1,024,421.59
714.031		Additional supervision for 2nd shift	217*	05MAR10	03JAN11	2	0	260,116.73
7401ACPWR		Prior ac pwr work reclassified as gpp	356	01MAY07A	31MAY07A			-308,300.00
714.020		LOE Prior to assy starting	356	01OCT07*	10MAR09		926	32,389.94
714.025		Update Final Assembly Plan	45	03OCT08*	08DEC08		30	26,480.00
7502-001		Test Cell 110/208voutlets GPP SCOPE TO COMPLETE	65	15AUG08*	14NOV08		44	0.00
Subtotal			0		03JAN11		443	1,416,489.97
75 - Test Cell and Basement Assembly Operations								
Job: 7501 - Construction Support Crew-PERRY								
General Assy Support								
7501-06		Construction Support Crew for 2nd shift	217*	05MAR10	03JAN11	2	0	445,558.64
7501-05		Construction Support Crew during machine assy	504*	26JAN09	03JAN11		0	960,961.90
Subtotal			504*	26JAN09	03JAN11		0	1,406,520.54
Job: 7503 - Machine Assembly (station 6)-PERRY								
7501-10		Fabricate/Assemble assembly structure	30	04DEC08	23JAN09	1	13	239,444.80
7501-10.1		Fab struct to go between assy sleds&FPA's	20	04DEC08	09JAN09	1	23	239,444.80
7501-10.2		Assemble 3 FPA support stands	15	12NOV08*	04DEC08	1	12	63,842.40
7501-10.3		Assemble 3 VV spool piece support stands	10	05DEC08	18DEC08	1	12	42,561.60
7501-10.4		Assemble machine base structure	10	19DEC08	12JAN09	1	12	42,561.60
7501-10.4M	2	Complete Base Support Structure Assembly	0		12JAN09	1	12	0.00
7501-10.5		Assemble 3 FPA installation carts	10	13JAN09	26JAN09	1	12	42,561.60
7501-10.6		Fab 3 laser support poles	30	20NOV08*	13JAN09	1	70	73,108.80



Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
7501-10.7		Fab 3 concrete blocks for testing assy struct	12	14JAN09	29JAN09	1	70	44,288.32
7503-010		Begin Assembly Activities	0	26JAN09*		1	3	0.00
7503-020		Install Permanent support base and columns	10	26JAN09	06FEB09	1	3	67,371.00
7503-015		Install Temp Assembly Structure	15	09FEB09	27FEB09	1	3	95,763.60
7503-060		Install Lower PF 4,5&6 into prelim position	1	02MAR09	02MAR09	1	3	4,814.40
7503-070		Install 3 Spool Pieces on fixt & test movement	10	03MAR09	16MAR09	1	3	51,510.80
7501-10.9		Install test cell metrology site monuments & chk	20	17MAR09	13APR09	1	3	85,123.20
7501-10.10		Test TC floor deflections with concrete block	15	14APR09	04MAY09	1	3	73,737.60
7501-10.8		Exercise assy struc with concrete blocks & metro	20	05MAY09	02JUN09	2	3	109,528.00
7503-080A		FPA-1 Installation and assembly test	20	03JUN09	30JUN09	1	3	135,915.20
7503-080		FPA-1 Installed on sleds	0		30JUN09	1	3	0.00
7501-11		Exercise assy struc w/FPA-1 before start of assy	40	01JUL09	26AUG09	1	3	135,915.20
7503-415.7		Measure vsl gaps to determ spool piece dimension	18	27AUG09	22SEP09	1	3	78,816.96
7503-415.0		Spool piece installation test	20	23SEP09	20OCT09	1	3	139,146.96
7503-416.1		Machine Flange A & B of Spool Piece 1	30	21OCT09	03DEC09	1	3	44,329.04
7503-416.2		Machine Flange A & B of Spool Piece 2	30	04DEC09	26JAN10	1	3	44,329.04
7503-416.3		Machine Flange A & B of Spool Piece 3	30	27JAN10	09MAR10	1	3	44,329.04
7503-110A		FPA-2 Installation and assembly test	20	06OCT09	02NOV09	1	9	140,532.00
7503-110		FPA-2 Installed on sleds	0		02NOV09	1	9	0.00
7503-150A		FPA-3 Installation and assembly test	20	16NOV09	15DEC09	1	0	140,532.00
7503-150	2	FPA-3 Installed on sleds	0		15DEC09	1	0	0.00
7503-120		Test movement of FPA's incl position checks.	5	16DEC09	22DEC09	1	0	26,630.20
7503-400		Install inboard and outboard shims	6	04JAN10	11JAN10	1	0	95,147.05
7503-402		Move all FPA's together, chk fitup,tack shims	6	12JAN10	19JAN10	1	0	46,323.37
7503-404		Weld inboard shims on mating flanges	6	20JAN10	27JAN10	1	0	43,595.05
7503-406		Install TF coils at ends of each FPA	6	28JAN10	04FEB10	1	0	27,211.20
7503-410		Install spacer supports and spacers	2	05FEB10	08FEB10	1	0	7,706.24
7503-412		Move FPA's & spacers together/chk fitup	6	09FEB10	16FEB10	1	0	25,847.04
7503-412M	2	Move FPA's & spacers together/chk fitup complete	0		16FEB10	1	0	0.00
7503-414		Remove Spacers & Machine spacers to fit	4	17FEB10	22FEB10	1	0	5,456.64
7503-415		Re-install spacers	2	23FEB10	24FEB10	1	0	7,706.24
7503-160		Position all FPA's / Spool Pieces @ MC Interface	6	25FEB10	04MAR10	1	0	31,956.24



Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
7503-090		Install local Platforms around FPA-1	2	05MAR10	08MAR10	2	0	15,412.48
7503-130		Install local Platforms around FPA-2	2	09MAR10	10MAR10	2	0	15,412.48
7503-190		Install local Platforms around FPA-3	2	11MAR10	12MAR10	2	0	15,412.48
7503-415.5		MC Interface:meas holes/mark bushings f/drilling	3	05MAR10	09MAR10	1	0	11,559.36
7503-415.6		drill eccentric custom holes in bushings	3	10MAR10	12MAR10	1	0	20,151.36
7503-416		Position Spool pieces and Bolt MC flanges	9	15MAR10	25MAR10	2	0	39,640.85
7503-417		Retorque all super nuts after 30 days	6	26APR10	03MAY10	2	0	79,281.70
7503-418		Raise permanent supports to take machine loads	8	26MAR10	06APR10	2	3	114,363.36
7503-419		Remove temporary assy structure	1	07APR10	07APR10	2	3	11,559.36
7503-419.1		Install/Level FPA's and spool piece supports	15	08APR10	28APR10	2	3	159,781.20
7503-419.2		FPA Metrology checks to assure alignment	3	04MAY10	06MAY10	2	0	14,729.20
7503-420		Mate-up and Weld spacers onto vvsa	15	07MAY10	27MAY10	2	0	171,865.20
7503-422		Weld all six port 4's in place	15	28MAY10	18JUN10	2	0	91,810.80
7503-422.1		Install E-Beam mapping & diag equipt	5	21JUN10	25JUN10	2	0	45,376.40
7503-240		Install Vacuum pumping system	3	21JUN10	23JUN10	2	2	19,265.60
7503-250	2	Begin Vac Vsl Pumpdown	0	28JUN10		2	0	0.00
7503-260		PTP Pumpdown & leak check VV	8	28JUN10	08JUL10	2	0	57,796.80
7503-424		Install TF alignment & traction ring	4	09JUL10	14JUL10	2	0	40,467.27
7503-426		Pull TF coil radially inward. Verify nose fit up	5	15JUL10	21JUL10	2	0	40,467.27
7503-428		Lock TF coils at four support locations	4	22JUL10	27JUL10	2	0	40,467.27
7503-430		Install MC structure insulation boots port 4's	5	28JUL10	03AUG10	2	0	38,531.20
7503-431		Seal gaps MC shims,cooling tubes, for insul pour	10	04AUG10	17AUG10	2	0	77,062.40
7503-432		Fill MC/VVSA annulus with pourable aerogel insul	1	18AUG10	18AUG10	2	0	7,706.24
7503-433.1		Install LN2 manifolds	5	19AUG10	25AUG10	2	16	38,531.20
7503-434		Instl in-cryostat cabling for elect pwr to coils	8	19AUG10	30AUG10	2	0	52,172.80
7503-436		Connect cabling, and I&C to MC & TF Coils	8	31AUG10	10SEP10	2	0	52,172.80
7503-439		Complete mag diag & machine I&C	5	13SEP10	17SEP10	2	0	49,779.20
7503-438		Align guide mechanism for solenoid installation	1	20SEP10	20SEP10	2	0	7,562.76
7503-444		Install solenoid support structure	1	21SEP10	21SEP10	2	0	6,913.33
7503-440		Install solenoid assembly	1	22SEP10	22SEP10	2	0	6,913.33
7503-442		Connect cabling, LN2 andI&C to solenoid assy	1	23SEP10	23SEP10	2	0	3,853.12
7503-446		Install PF4L	1	24SEP10	24SEP10	2	0	3,853.12
7503-448		Connect cabling, LN2 and I&C to PF4L	1	27SEP10	27SEP10	2	0	3,853.12
7503-450		Adjust spring compression in solenoid sprt struc	1	28SEP10	28SEP10	2	0	3,853.12

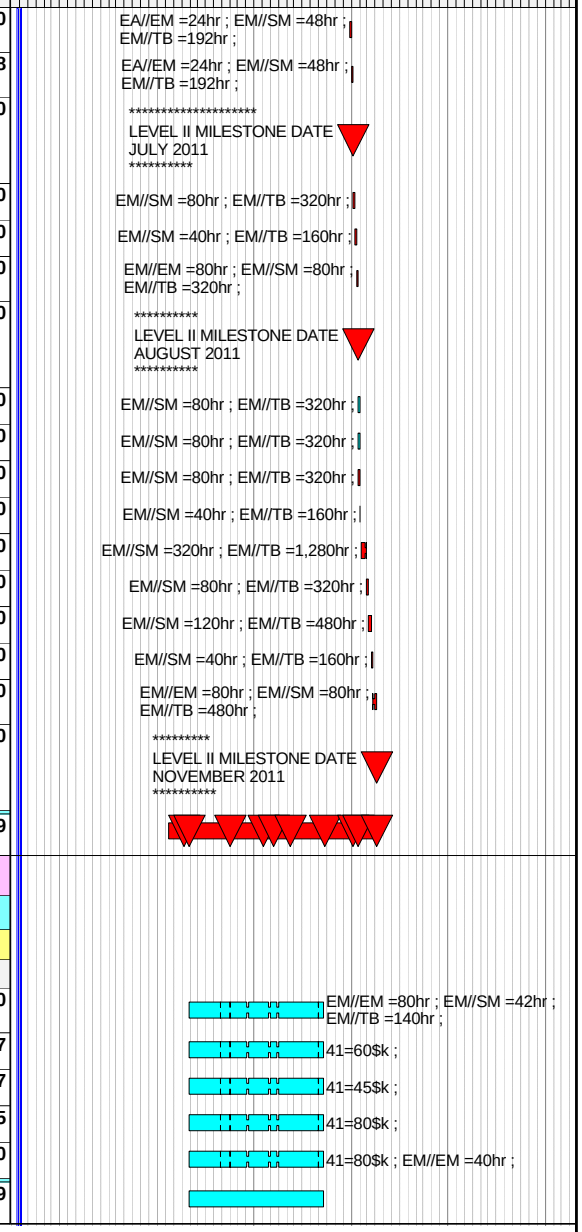


Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
7503-451		Raise lower PF 5&6 coils into final position	3	29SEP10	01OCT10	2	0	28,179.60
7503-452		Instl Upper PF 4, 5 & 6	3	04OCT10	06OCT10	2	0	28,811.28
7503-330	2	Begin Cryostat Installation	0	07OCT10		2	0	0.00
7503-454		Install cryostat base, vapor barrier port boots	5	07OCT10	13OCT10	2	0	39,841.60
7503-456		Install elec pwr, LN2, & instr feedthrus	3	14OCT10	18OCT10	2	0	19,920.80
7503-458		Integrated Electrical testing	5	19OCT10	25OCT10	2	0	53,997.60
7503-458M	2	Complete Power System Pre-ops Tests	0		25OCT10	2	0	0.00
7503-460		Instl transition box,cabling,&connect to pwr sup	5	26OCT10	01NOV10	2	34	39,841.60
7503-462		LN2 connections from coils to manifolds	5	26OCT10	01NOV10	2	8	39,841.60
7503-464		Connect coil & VV instrumentation	5	26OCT10	01NOV10	2	0	39,841.60
7503-466		Connect 150C bakeout	3	02NOV10	04NOV10	2	0	19,920.80
7503-470		Install cryostat cooling syst & instrumentation	10	12NOV10	29NOV10	2	0	159,366.40
7503-471		Install cryostat upper section, VB & port boots	5	30NOV10	06DEC10	2	0	39,841.60
7503-472		Install midplane cryostat sections & port boots	8	07DEC10	16DEC10	2	0	59,762.40
7503-473		Install cryostat circulation duct	3	17DEC10	21DEC10	2	0	19,920.80
730.8200		PTP and Cool down	3	22DEC10	03JAN11	2	0	68,103.20
730.8200M	2	Colldown of Machine	0		03JAN11	2	0	0.00
Subtotal			526	12NOV08	03JAN11		0	4,511,856.29

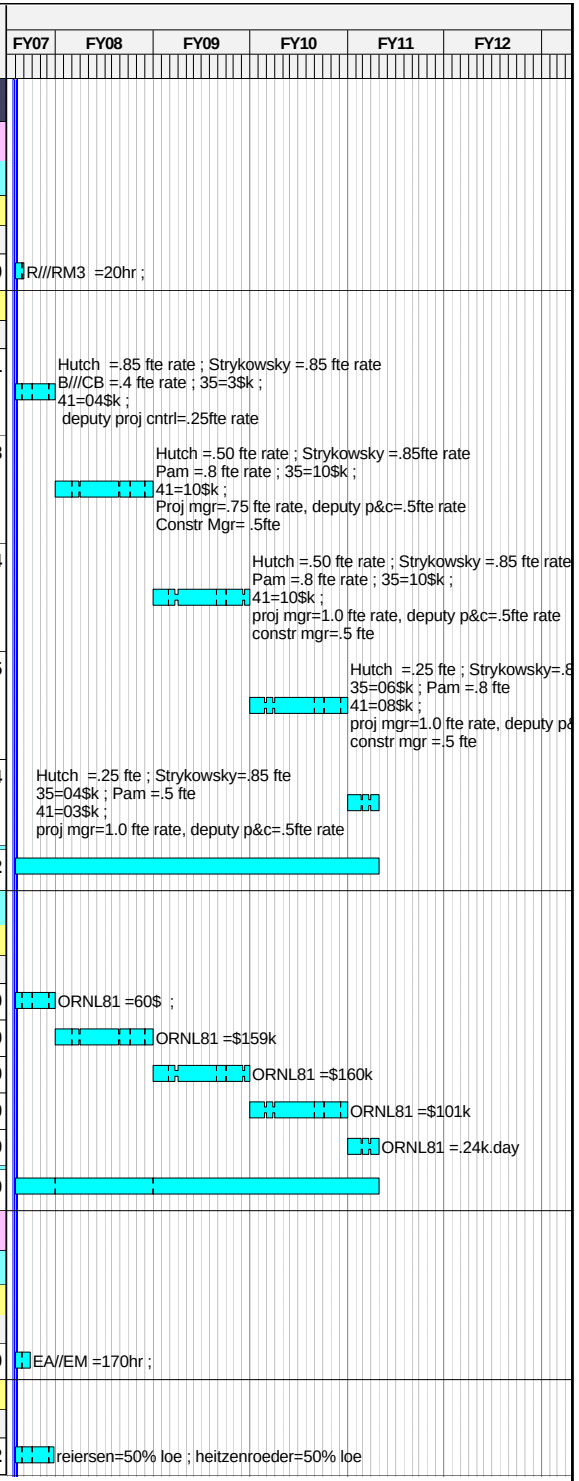
76 - Tooling Design & Fabrication

Job: 7601 - Tooling Design & Fabrication-PERRY

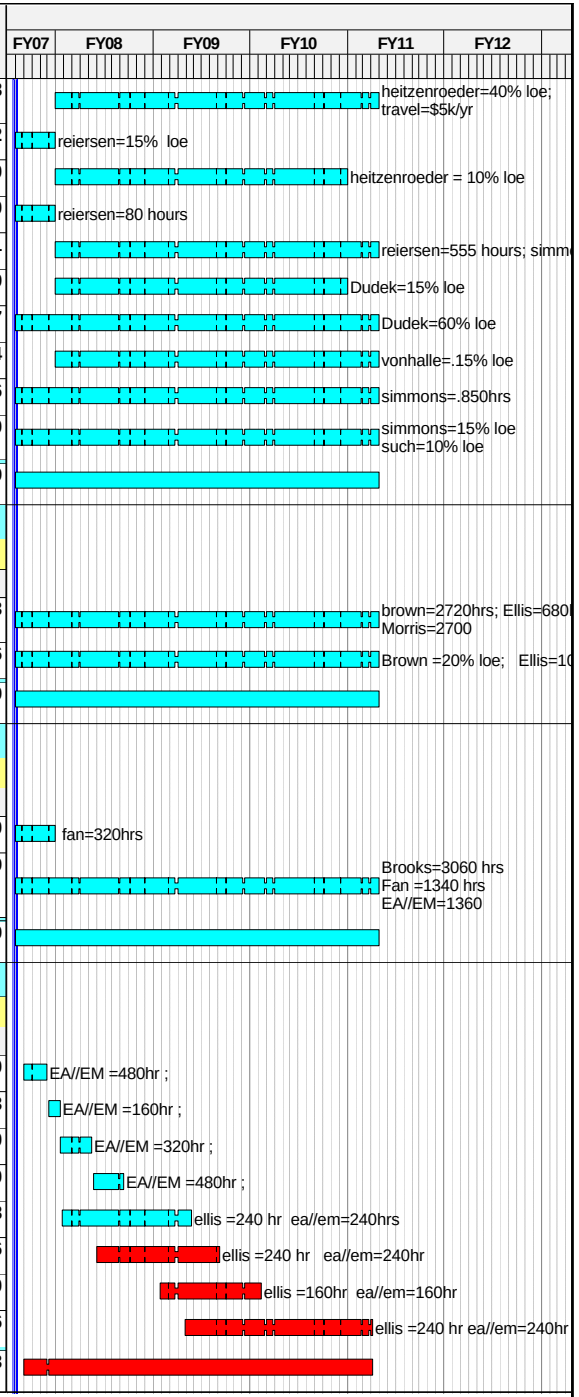
713.020		Lab Fab/Assy/Installation	348	26JAN09*	15JUN10		154	31,010.80
713.030		Tooling,assy fixtures,misc equipt	348	26JAN09*	15JUN10		154	84,863.97
713.040		General procurements	348	26JAN09*	15JUN10		154	63,647.97
713.050		Welding tools, materials & equipt	348	26JAN09*	15JUN10		154	113,151.95
713.060		Torque wrenches and multipliers	348	26JAN09*	15JUN10		154	119,883.90
Subtotal			348	26JAN09	15JUN10		154	412,558.59



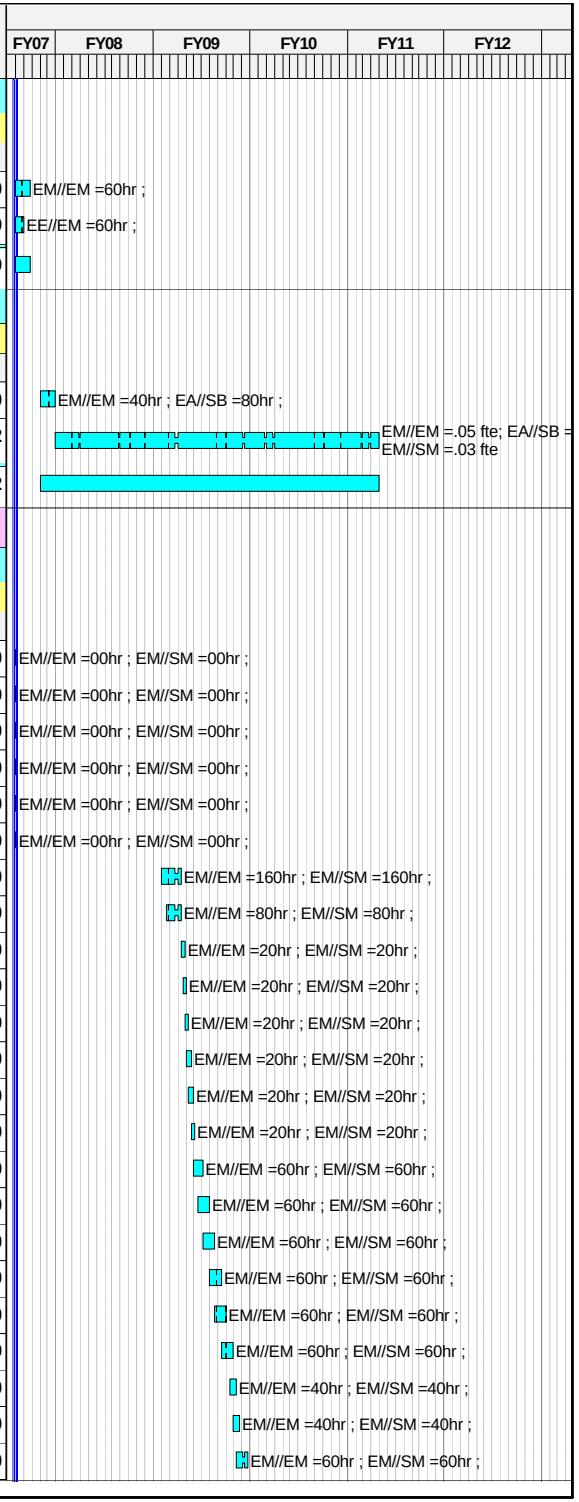
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
8 - Project Oversight and Support								
81 - Project Management and Control								
Job: 8101 - Project Management & Control-NEILSON								
FY07 Rebaseline Exercise								
ECP53RBX16		FY07 Rebaseline exercise	22*	01MAY07*	31MAY07		1,333	4,435.40
810.005		Project Management OfficePPPL FY07 (LOE)	106*	01MAY07	28SEP07		1,249	273,667.61
810.900		Project Management Office PPPL FY08 (LOE)	250*	01OCT07*	30SEP08		999	1,034,172.58
810.901		Project Management Office PPPL FY09 (SA LOE)	249*	01OCT08*	30SEP09		423	1,157,648.04
810.909		Project Management Office PPPL FY10 (LOE)	248	01OCT09	30SEP10		423	1,074,462.05
810.910		Project Management Office PPPL FY11 (LOE)	79*	01OCT10	31JAN11		423	299,398.44
Subtotal			932	01MAY07	31JAN11		423	3,843,784.12
Job: 8102 - NCSX MIE Management ORNL-LYON								
810.104X		Project Management Office ORNL FY07(LOE)	106*	01MAY07	28SEP07		1,249	60,420.00
810.105X		Project Management Office ORNL FY08 (LOE)	248*	02OCT07*	29SEP08		1,000	159,000.00
810.105Z		Project Management Office ORNL FY09 (LOE)	249	02OCT08*	01OCT09		423	160,000.00
810.106X		Project Management Office ORNL FY10 (SA LOE)	247	02OCT09	30SEP10		423	101,000.00
810.106Z		Project Management Office ORNL FY11 (SA LOE)	79*	01OCT10	31JAN11		423	18,960.00
Subtotal			932	01MAY07	31JAN11		423	499,380.00
82 - Project Engineering								
Job: 8202 - Engr Mgmt & Sys Eng Support-REIERSEN								
FY07 Rebaseline Exercise								
ECP53RBX19		FY07 Rebaseline exercise	39*	01MAY07*	25JUN07		1,316	29,619.10
820.04X		Engr Management FY07 (LOE)	103*	01MAY07	25SEP07		1,252	143,565.52



Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
820.04Y		Engr management (SA LOE)	827*	01OCT07*	01FEB11		422	531,578.18
820.04Z		RLM (WBS 13,15,17) (SA LOE)	106*	01MAY07*	28SEP07		1,249	154,562.92
820.0004Z		RLM (WBS 13,15,17) (SA LOE)	747*	01OCT07*	30SEP10		502	114,466.70
820.004Z		Reqmnts mgt & design verification	106*	01MAY07*	28SEP07		1,249	13,938.40
820.00004Z		Reqmnts mgt & design verification	827*	01OCT07*	01FEB11		422	148,448.71
820-004Y		RLM (WBS 2,3 &6) (SA LOE)	747*	01OCT07*	30SEP10		502	148,616.69
820.004X		RLM (fabrication) (SA LOE)	933*	01MAY07*	01FEB11		422	739,152.77
820.005		RLM (WBS 4 & 5) (SA LOE)	826*	02OCT07*	01FEB11		422	178,479.64
8205FY07		Systems Engineering Support document control	933*	01MAY07*	01FEB11		422	162,079.56
8205FY08		Systems Engineering Support (SA LOE)	933*	01MAY07*	01FEB11		422	284,086.30
Subtotal			933	01MAY07	01FEB11		422	2,648,594.49
Job: 8203 - Design Integration-BROWN								
8203FY07		Design Integration ,& metro support	933*	01MAY07*	01FEB11		422	980,642.23
8203FY08		CAD Support (SA LOE)	933*	01MAY07*	01FEB11		422	426,974.76
Subtotal			933	01MAY07	01FEB11		422	1,407,616.99
Job: 8204 - Systems Analysis-BROOKS								
8204FY07		Systems Analysis FY07 Analysis for structure dsn	106*	01MAY07	28SEP07		1,249	55,753.60
8204FY08		Systems Analysis, studies and tech assurance	932*	01MAY07*	31JAN11		423	1,098,242.39
Subtotal			932	01MAY07	31JAN11		423	1,153,995.99
Job: 8205 - Dimensional Control Coordin-ELLIS								
METFY07R1	3	Dimensional control plans for station 2	65	01JUN07*	31AUG07		6	83,630.40
METDCP-3	3	Dimensional control plans for station 3	30	04SEP07	15OCT07		111	28,553.23
METDCP-5	3	Dimensional control plans for station 5	80	16OCT07	15FEB08		111	59,443.20
METDCP-6	3	Dimensional control plans for station 6	80	18FEB08	09JUN08		111	89,164.80
METFY08R		Support FPA Station 2	326*	24OCT07	19FEB09		4	89,911.08
METFY08RX		Support FPA Station 3	318*	03MAR08	08JUN09		0	90,555.06
METFY09		Support FPA Station 5	260*	30OCT08	13NOV09		0	61,443.20
METFY10		Support Final Machine Assy	482*	26JAN09	03JAN11		0	94,162.86
Subtotal			890	01JUN07	03JAN11		0	596,863.83



Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
Job: 8210 - FY07 Rebaseling tasks								
FY07 Rebaseline Exercise								
ECP53RBX23		FY07 Rebaseline exercise	40	01MAY07*	26JUN07		1,315	9,049.20
ECP53RBX25		FY07 Rebaseline exercise	22*	01MAY07*	31MAY07		1,333	9,765.00
Subtotal			40	01MAY07	26JUN07		1,315	18,814.20
Job: 8215 Plant Design								
FY07 Rebaseline Exercise								
8210-07		Update plant model	42*	01AUG07*	28SEP07		1,249	15,029.60
8210-08		Plant Design FY08	826	01OCT07*	31JAN11		423	105,719.02
Subtotal			868	01AUG07	31JAN11		423	120,748.62
85 - Integrated Systems Testing								
Job: 8501 - Integrated Systems Testing-GENTILE								
Startup Documentation								
8501-105		ESHD-5008 Environ, Safety, and Health Manual	0	01MAY07A	01MAY07A			0.00
8501-109		ESH-014 NEPA Review System	0	01MAY07A	01MAY07A			0.00
8501-113		ESH-016 Cntrl Haz Energy Sources Lockout Tagout	0	01MAY07A	01MAY07A			0.00
8501-117		ENG-030 PPPL Tech Proced for Exper Facilities	0	01MAY07A	01MAY07A			0.00
8501-121		ENG-032 PPPL Work Planning Procedure	0	01MAY07A	01MAY07A			0.00
8501-125		ENG-033 PPPL Engineering Design Verification	0	01MAY07A	01MAY07A			0.00
8501-101		SAD NCSX Safety Assessment Document (SAD)	45	03NOV08*	15JAN09		185	48,236.80
8501-129		NCSX-XX, Administrative Control of Procedures	30	24NOV08	15JAN09		184	24,118.40
8501-133		OP-AD-39, Conduct of Operations	10	16JAN09	29JAN09		184	6,029.60
8501-137		OP-AD-56, Cntrl Equipt & Syst Status (chain of c	10	23JAN09	05FEB09		184	6,029.60
8501-141		OP-AD-24, Cntrl Workplace Cleanliness D-Site Exp	10	30JAN09	12FEB09		184	6,029.60
8501-145		OP-AD-31, D- Site Fire Watch Requirements	10	06FEB09	19FEB09		184	6,029.60
8501-149		OP-AD-03, Experimental Proposals for NCSX	10	13FEB09	26FEB09		184	6,029.60
8501-153		OP-AD-117 Operation of the NCSX Access System	10	20FEB09	05MAR09		184	6,029.60
8501-157		NCSX-OP-XX, Prep of Exper Areas for Machine Ops	30	27FEB09	09APR09		184	18,088.80
8501-161		NCSX-OP-XX, Operation of the NCSX TVPS	30	20MAR09	30APR09		184	18,088.80
8501-165		NCSX-OP-XX, Testing NCSX HIS Safe for Access	30	10APR09	21MAY09		184	18,088.80
8501-169		NCSX-OP-XX, Testing the NCSX Emergency Stop Syst	30	01MAY09	12JUN09		184	18,088.80
8501-173		NCSX-OP-XX, NCSX Training Matrix	30	22MAY09	06JUL09		184	18,088.80
8501-177		NCSX-OP-XX, NCSX Ops Guide -Startup and Shutdown	30	15JUN09	27JUL09		184	18,088.80
8501-181		NCSX-OP-XX, HPP Daily Operations	20	14JUL09	10AUG09		184	12,059.20
8501-185		NCSX-OP-XX, ACP & PDP Trip Control Settings	20	28JUL09	24AUG09		184	12,059.20
8501-189		NCSX-OP-G-XX Preparation for NCSX pumpdown	30	11AUG09	22SEP09		184	18,088.80



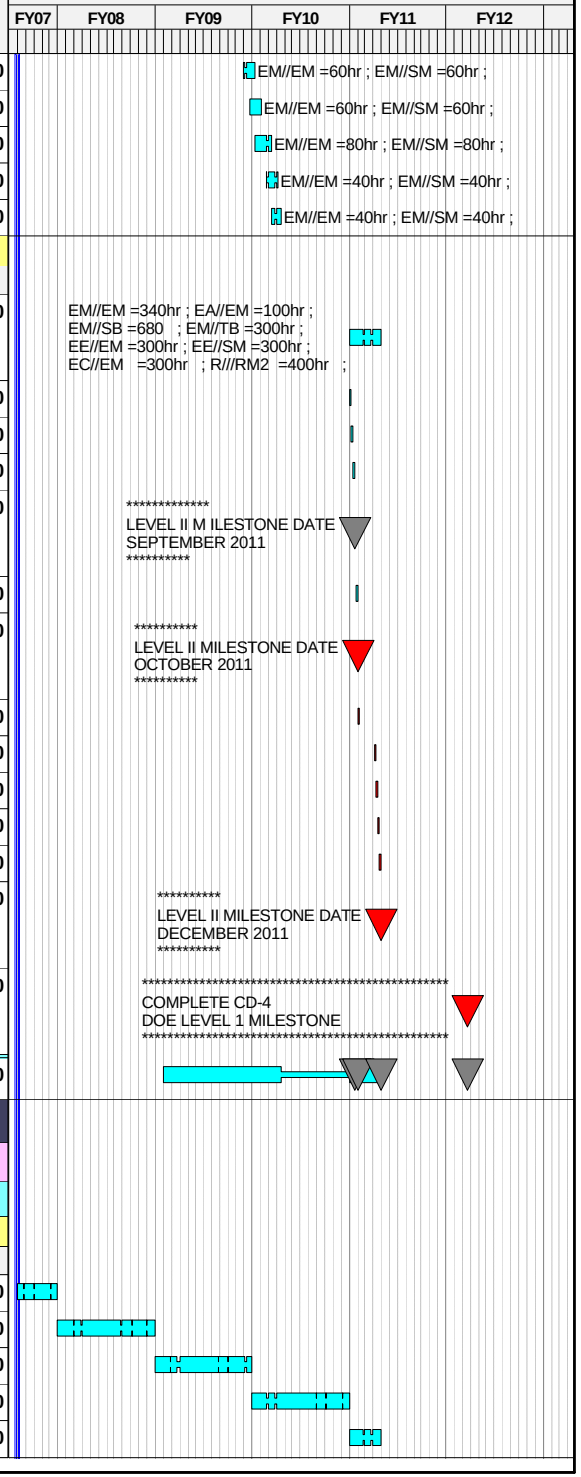
Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
8501-193		NCSX-OP-XX Helium H/C System Operations Procedur	30	01SEP09	13OCT09		184	18,273.30
8501-197		NCSX-OP-G-XX Daily Hi-Pot Test Vacuum Vessel	30	23SEP09	03NOV09		184	18,580.80
8501-201		ISTP-NCSX-01 Coil EnergizationTests	40	14OCT09	10DEC09		184	24,938.40
8501-205		OP-ECS-245 FCPC Daily Startup/Shutdown Procedure	20	25NOV09	05JAN10		184	12,469.20
8501-209		NCSX-XX Leak Checking of NCSX	20	11DEC09	19JAN10		184	12,469.20
920.000		Startup Personnel	76	01OCT10	26JAN11	1	426	418,829.00
8501-102		Punch list & CSIS & HIS PTP's complete,	5	01OCT10*	07OCT10	1	5	0.00
8501-103		PTP's complete for ECS,HCS,vac pmpg	5	08OCT10	14OCT10	1	5	0.00
8501-104		ACC review and ORA	5	15OCT10	21OCT10	1	5	0.00
730.1250	2	PSO Operational Readiness Assessment	0		21OCT10	1	5	0.00
8501-301		Configure for Startup ISTP	5	26OCT10	01NOV10	1	3	0.00
8501-304	2	Begin Start-up Testing	0	05NOV10		1	0	0.00
8501-305		Coil Testing at room temp	5	05NOV10	11NOV10	1	0	0.00
8501-106		Coil testing @ cryo temp, Pump-down VV	5	04JAN11	10JAN11	1	0	0.00
8501-107		Combined field testing, Make 1st Plasma	5	11JAN11	17JAN11	1	0	0.00
8501-108		Vent VV, Config for & instl e-beam mapping	5	18JAN11	24JAN11	1	0	0.00
8501-306		E-beam mapping	5	25JAN11	31JAN11	1	0	0.00
8501-110	1	NCSX Startup Complete	0		31JAN11	1	0	0.00
730.9000	1	CD-4	0		23DEC11*	1	0	0.00
Subtotal			0		23DEC11		194	764,832.70

Allocations

99 - PPPL Allocations

Job: 8998 - Allocations-STRYKOWSKY

99.07		PPPL Allocations FY07 LOE	106*	01MAY07*	28SEP07		1,249	144,040.90
99.08		PPPL Allocations FY08 LOE	249*	01OCT07*	29SEP08		1,000	384,384.00
99.081		PPPL Allocations FY09 LOE	247*	01OCT08*	28SEP09		752	406,232.00
99.09		PPPL Allocations FY10 SA LOE	248*	01OCT09*	30SEP10		502	430,800.00
99.10		PPPL Allocations FY10	80*	01OCT10*	01FEB11		422	88,320.00



Activity ID	MILE-stones (level 2 & 3)	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Proposed Budgeted
Subtotal			933	01MAY07	01FEB11		422	1,453,776.90