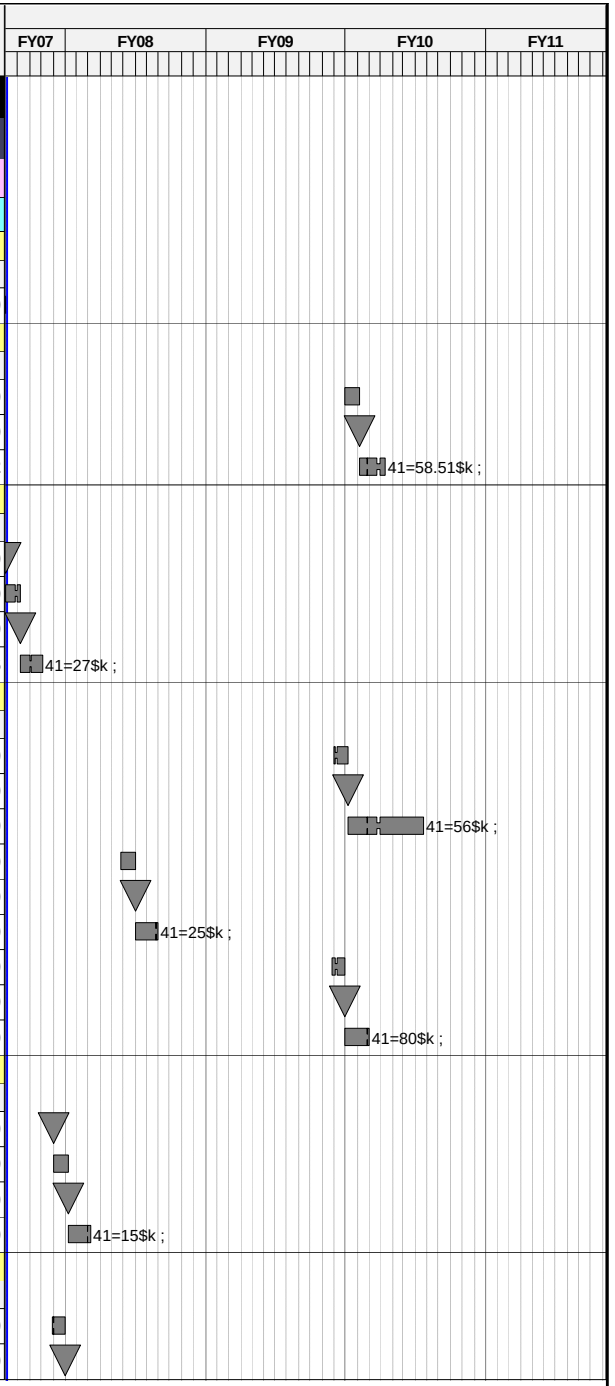
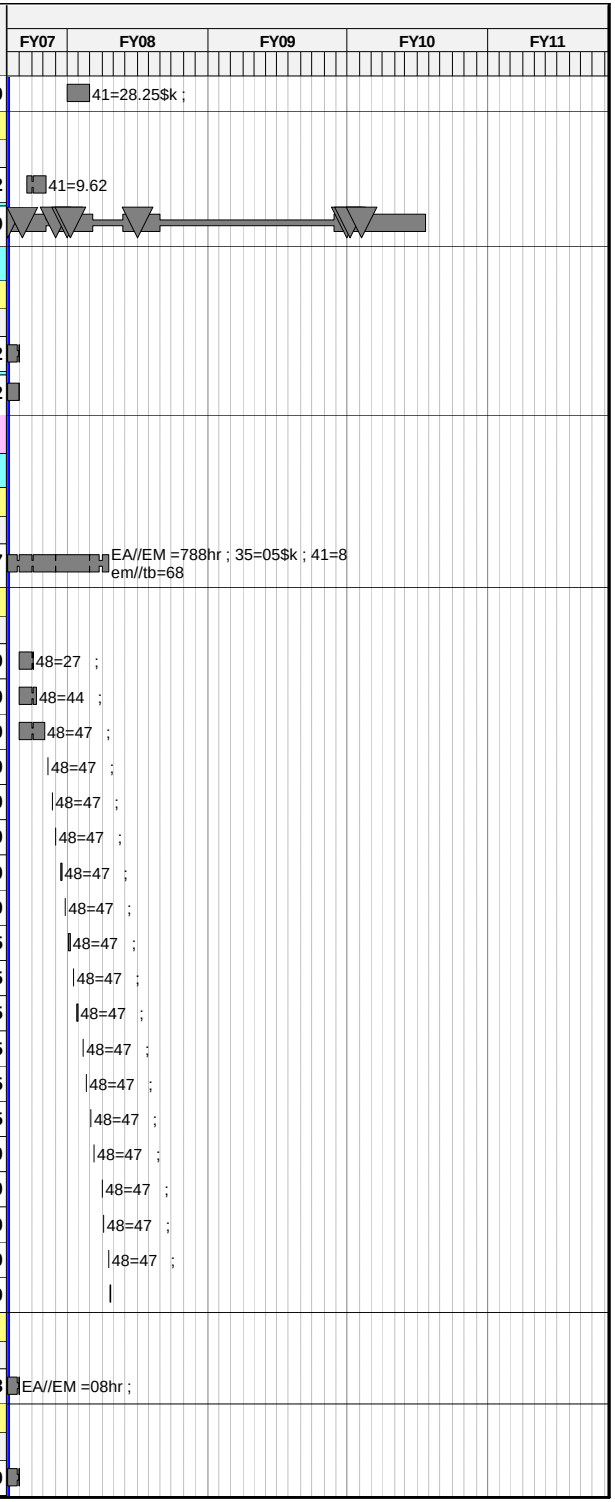
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
cc 9450 - NCSX Fabrication (MIE)							
1 - Stellarator Core Systems							
12 - Vacuum Vessel Systems							
Job: 1204 - VV Sys Procurements (nonVVSA)-DUDEK							
VV Vertical 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		310	0.00
124-120	Award VV NB port cover	0		04NOV09*		310	0.00
124-130	VV NB port cover Fabrication	40	05NOV09	13JAN10		310	83,786.32
VV Local I&C							
1204-101	Drawings Signed -Local I&C	0		01MAY07*		582	0.00
1204-105	Issue req,Bid & Award -Local I&C	25	02MAY07	06JUN07		582	0.00
1204-109	Award -Local I&C	0		06JUN07		582	0.00
1204-113	Deliver -Local I&C	40	07JUN07	02AUG07		582	34,400.96
Thermal Insulation							
123-040	Issue req,Bid & Award insul boots	25	01SEP09*	06OCT09		297	0.00
123-045	Award Insulation Boots	0		06OCT09*		297	0.00
123-050	Fabricate& Deliver Insul Boots	130	07OCT09	20APR10		297	79,834.00
122-035	Issue req,Bid & Award Port Thermal Insulation	25	27FEB08	01APR08		304	0.00
122-041	Award Port Thermal Insulation	0		01APR08*		304	0.00
122-051	Deliver Port Thermal Insulation	40	02APR08	28MAY08		304	32,700.00
122-030	Issue req,Bid & Award Pourable Insulation	25	27AUG09	01OCT09		405	0.00
122-036.9	Award Pourable Insulation	0		01OCT09*		405	0.00
122-037	Deliver Pourable Insulation	40	02OCT09	30NOV09		405	114,560.00
Heater Tape for Port Stub							
1204-121	Drawings Signed Heater Tape for port stubs	0		04SEP07*		332	0.00
1204-125	Issue req,Bid & Award -Heater Tape for port stub	25	05SEP07	09OCT07		332	0.00
1204-129	Award Heater Tape for port stubs	0		09OCT07		332	0.00
1204-130	Deliver Heater Tape for port stubs	40	10OCT07	06DEC07		332	20,143.20
T/C and Heater Tape Leads							
1204-145	Issue req,Bid & Award-T/C and Heater Tape Leads	25	29AUG07	03OCT07		328	0.00
1204-149	Award T/C and Heater Tape Leads	0		03OCT07		328	0.00

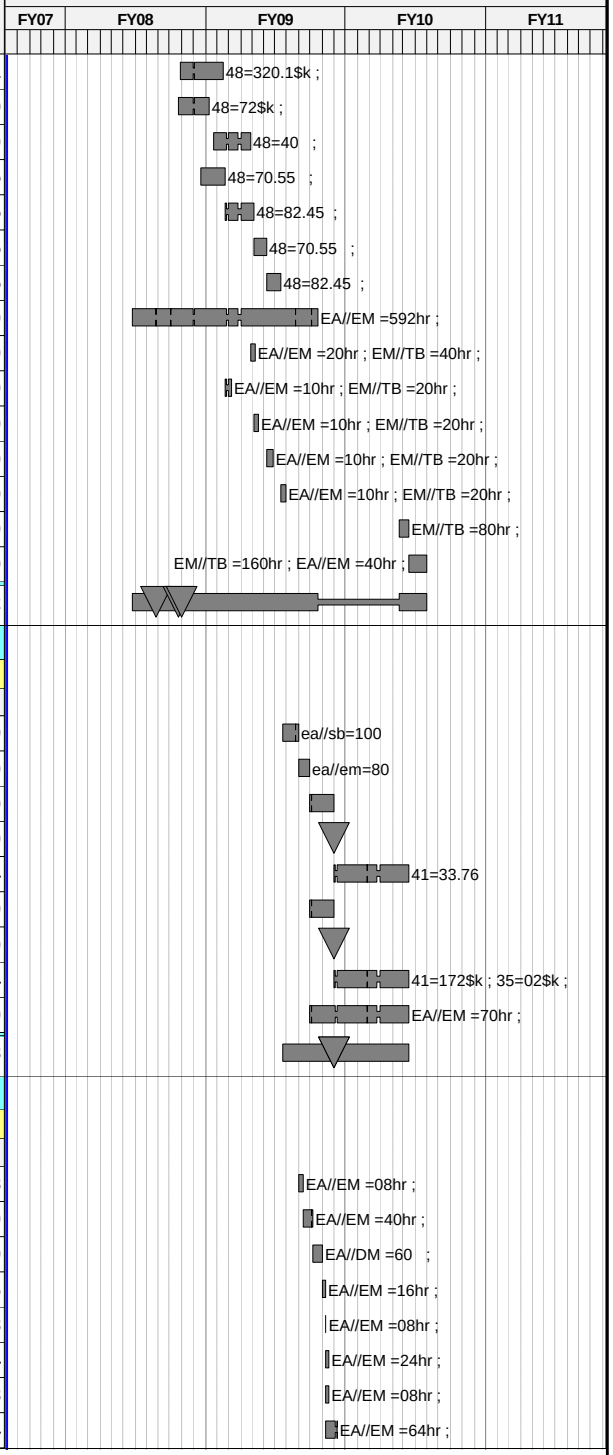


Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
1204-153	Deliver T/C and Heater Tape Leads	40	04OCT07	28NOV07		328	36,951.00
Flux loop junction boxes and spacer templates							
1204-173M	Material Delivery (desifn/fab in job 3101)	35	20JUN07	08AUG07		379	12,275.12
Subtotal		0		20APR10		312	414,650.60
Job: 1250 - Vacuum Vessel FabricationCLOSED****							
99.07W	Scrap value of Kirksite dies (minimum sale price	22*	01MAY07A	31MAY07A			-161,694.72
Subtotal		22	01MAY07A	31MAY07A			-161,694.72
13 - Conventional Coils							
Job: 1361 - TF Fabrication-KALISH							
TF Title III and Fabrication Oversight							
131-033	Title III engr	177*	01MAY07	18JAN08		732	164,246.27
TF Fabrication Contract							
1361C-101	Fab, Test & Deliver Coil #1	28*	29MAY07*	06JUL07		608	27,210.00
1361C-102	Fab, Test & Deliver Coil #2	31*	01JUN07*	16JUL07		602	43,590.00
1361C-103	Fab, Test & Deliver Coil #3	44*	01JUN07*	02AUG07		602	47,210.00
1361C-104	Fab, Test & Deliver Coil #4	1	13AUG07*	13AUG07		595	47,210.00
1361C-105	Fab, Test & Deliver Coil #5	1	24AUG07*	24AUG07		698	47,210.00
1361C-106	Fab, Test & Deliver Coil #6	1	04SEP07*	04SEP07		692	47,210.00
1361C-107	Fab, Test & Deliver Coil #7	1	17SEP07*	17SEP07		692	47,210.00
1361C-108	Fab, Test & Deliver Coil #8	1	27SEP07*	27SEP07		684	47,210.00
1361C-109	Fab, Test & Deliver Coil #9	1	08OCT07*	08OCT07		688	48,390.25
1361C-110	Fab, Test & Deliver Coil #10	1	18OCT07*	18OCT07		680	48,390.25
1361C-111	Fab, Test & Deliver Coil #11	1	29OCT07*	29OCT07		681	48,390.25
1361C-112	Fab, Test & Deliver Coil #12	1	12NOV07*	12NOV07		671	48,390.25
1361C-113	Fab, Test & Deliver Coil #13	1	22NOV07*	22NOV07		764	48,390.25
1361C-114	Fab, Test & Deliver Coil #14	1	03DEC07*	03DEC07		759	48,390.25
1361C-115	Fab, Test & Deliver Coil #15	1	13DEC07*	13DEC07		751	48,400.50
1361C-116	Fab, Test & Deliver Coil #16	1	02JAN08*	02JAN08		744	48,400.50
1361C-117	Fab, Test & Deliver Coil #17	1	07JAN08*	07JAN08		741	48,400.50
1361C-118	Fab, Test & Deliver Coil #18	1	17JAN08*	17JAN08		733	48,400.50
1351-195X	ALL TF COILS DELIVERED	0	21JAN08	18JAN08		732	0.00
FY07 Rebaseline Exercise							
ECP53RBX03	FY07 Rebaseline exercise	22*	01MAY07A	31MAY07A			1,422.48
99.07X	Retroactive MHX exclusion	22*	01MAY07A	31MAY07A			-38,281.20

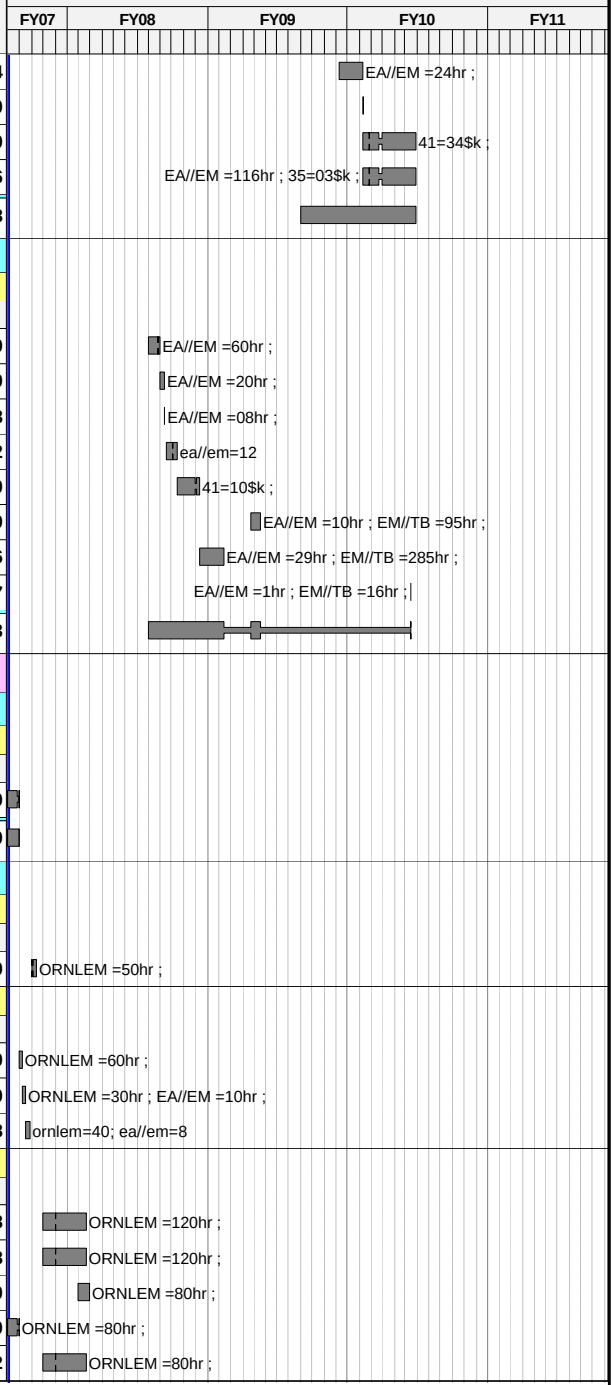


Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
Subtotal		0		18JAN08		732	965,391.05
Job: 1302 - PF Design -KALISH							
FY07 Rebaseline Exercise							
ECP53RBX02	FY07 Rebaseline exercise	22*	01MAY07A	31MAY07A			4,623.06
1302-200	Complete PF Coil SRD	20	01AUG07*	28AUG07		239	4,267.44
1302-205	Update PF Analysis	40	29AUG07	24OCT07		291	29,022.00
1302-210	Update PF Coil SDD	40	25OCT07	21DEC07		291	4,458.24
1302-211	Complete PF4 PDR Model	20	29AUG07	26SEP07		239	14,224.80
1302-212	Complete PF5 PDR Model	20	27SEP07	24OCT07		239	14,797.20
1302-213	Complete PF6 PDR Model	20	25OCT07	21NOV07		239	14,860.80
1302-251	PDR Level Design Support Support	62	29AUG07	23NOV07		247	7,317.56
1302-220	Prepare for PDR	10	22NOV07	07DEC07		239	16,346.88
1302-225	PDR	2	10DEC07	11DEC07		239	2,972.16
1302-214	Prepare,Review & Approve conductor spec	5	12DEC07	18DEC07		279	2,972.16
1302-216	Prepare,Review & Approve coil spec	20	19DEC07	24JAN08		279	8,916.48
1302-240	Disposition PDR Chits	20	12DEC07	17JAN08		279	4,458.24
1302-235	Detail Drawings PF4	20	12DEC07	17JAN08		239	14,860.80
1302-245	Detail Drawings PF5	20	18JAN08	14FEB08		239	14,860.80
1302-260	Detail Drawings PF6	20	15FEB08	13MAR08		239	14,860.80
1302-250	Analysis Support	10	12DEC07	03JAN08		289	13,003.20
1302-217	Drawing Support	60	12DEC07	13MAR08		239	11,145.60
1302-218	PF Stress Analysis with leads	30	12DEC07	31JAN08		269	22,291.20
1302-265	Prepare for FDR	5	14MAR08	20MAR08		239	16,346.88
1302-270	PF FDR	2	21MAR08	24MAR08		239	2,972.16
1302-275	Resolve Chits	20	25MAR08	21APR08		309	14,860.80
Subtotal		0		21APR08		309	254,439.26
Job: 1352 - PF Coil Procurement-KALISH							
PF Coil Fabrication							
141-035	Bid & Award PF Coil Fabrication	45	25MAR08	27MAY08		239	35,811.60
141-036	PF Coils Awarded	0		27MAY08		239	0.00
141-037	Bid & Award Conductor	25	16JUN08	21JUL08		246	8,916.48
141-038	PF Conductor Awarded	0		21JUL08*		246	0.00
141-038.1	PF Conductor Delivery	65	22JUL08	21OCT08		246	151,984.80
141-039	Bid & Award Materials	25	27JUN08	01AUG08		257	8,916.48
141-040	PF Materials Awarded	0		01AUG08*		257	0.00
1352-100	Materials Delivery PF 4,5,6	45	04AUG08	06OCT08		257	178,529.66
1352-121	Design/Fab Tooling for PF 5	80	28MAY08	18SEP08		239	280,747.50

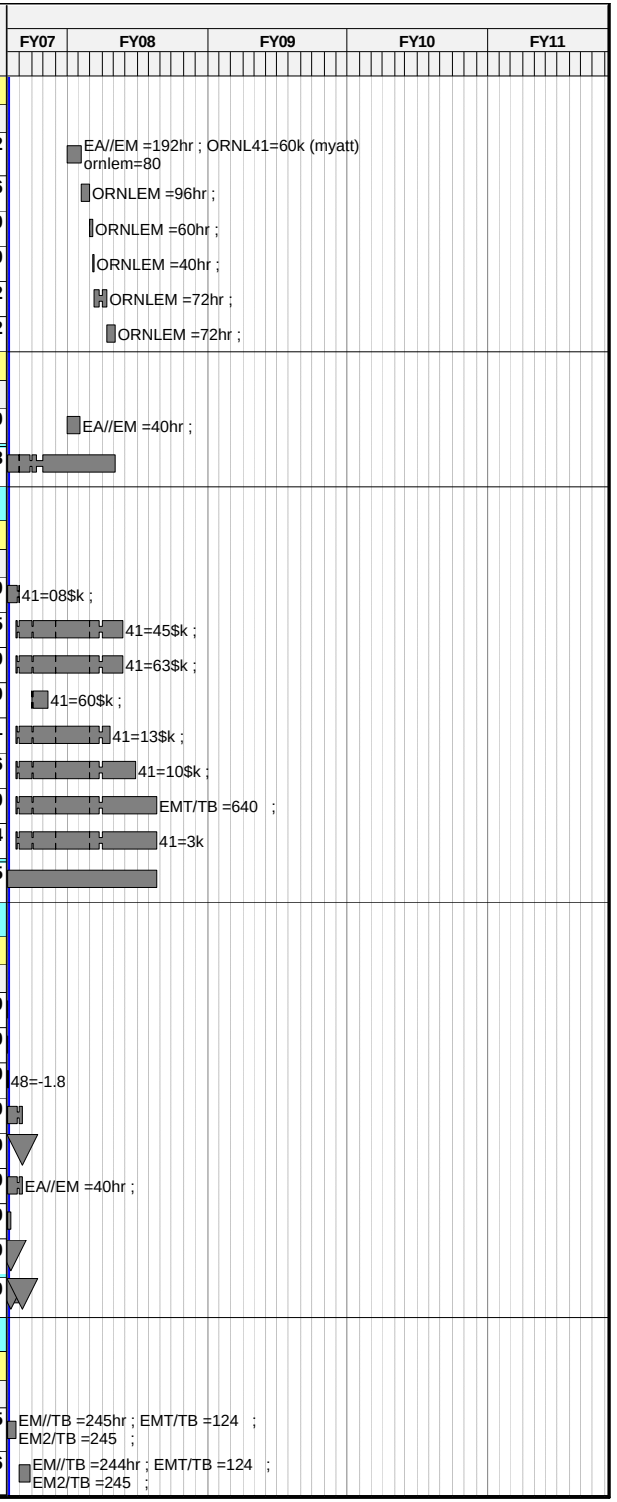
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
1352-122	Design/Fab Tooling for PF 6	80	28JUL08*	17NOV08		242	331,639.61
1352-120	Tooling for PF 4	55	25JUL08*	10OCT08		253	74,072.29
1352-150	Fabricate/Dlvr PF 4	60	22OCT08	26JAN09		246	42,250.20
1352-165	Fabricate/Dlvr PF 5 Lower	45	19SEP08	20NOV08		239	73,821.95
1352-145	Fabricate/Dlvr PF 6 Lower	45	21NOV08	04FEB09		239	86,654.95
1352-166	Fabricate/Dlvr PF 5 Upper	25	05FEB09	11MAR09		585	74,148.05
1352-146	Fabricate/Dlvr PF 6 Upper	25	12MAR09	15APR09		585	86,654.95
141-031	Title III engr WBS 132	333	25MAR08	22JUL09		799	111,907.70
141-900	PF4 Lower/Upper Inspection & Test	10	27JAN09	09FEB09		246	7,122.60
141-901	PF5 Lower Inspection & Test	10	21NOV08	08DEC08		284	3,561.30
141-902	PF6 Lower Inspection & Test	10	05FEB09	18FEB09		239	3,561.30
141-905	PF5 Upper Inspection & Test	10	12MAR09	25MAR09		610	3,561.30
141-906	PF6 Upper Inspection & Test	10	16APR09	29APR09		585	3,561.30
141-903	Refurbish PF 1a	20	18FEB10*	17MAR10		330	6,820.80
141-904	Assemble PF1a and CS structure	30	18MAR10	28APR10		330	21,550.00
Subtotal		522	25MAR08	28APR10		610	1,595,794.82
Job: 1353 - CS Structure Procurement-DAHLGREN							
CS Support Structure							
1353-001	Design PF1a upper to lower interconnect bus	30	20APR09	01JUN09		330	12,342.00
1353-002	Engr & analysis of bus	20	02JUN09	29JUN09		330	15,296.80
1353-003	Bid & Award PF1a bus	45	30JUN09	01SEP09		330	0.00
1353-004	Award PF1a bus	0		01SEP09*		330	0.00
1353-005	Fab & Deliver PF1a bus	130	02SEP09	17MAR10		330	48,162.54
163-035	Bid & Award CS Support Struct	45	30JUN09	01SEP09		330	0.00
163-036.9	Award CS Support Structure	0		01SEP09*		330	0.00
163-037	CS Support Structure Procurement/Fab	130	02SEP09	17MAR10		330	247,857.24
163-015	Title III design CS sprt struc	175*	30JUN09	17MAR10		330	13,670.70
Subtotal		225	20APR09	17MAR10		330	337,329.28
Job: 1354 - Trim Coil Design &Procurement-KALISH							
Trim Coils							
1303-101	Complete Trim Coil SRD	10	01JUN09*	12JUN09		337	1,529.68
1303-103	Analysis	15	15JUN09*	06JUL09		337	7,648.40
1303-105	FDR Dwgs	20	07JUL09*	03AUG09		337	11,472.60
1303-107	Prepare for FDR	5	04AUG09*	10AUG09		337	3,059.36
1303-110	Trim Coil FDR	1	11AUG09*	11AUG09		337	1,529.68
1303-112	Prepare Procurement Coil Spec	5	12AUG09*	18AUG09		352	4,589.04
1303-114	Disposition FDR Chits	5	12AUG09*	18AUG09		352	1,529.68
1303-116	Detail Fabrication Drawings	20	12AUG09*	09SEP09		337	12,237.44



Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
184-035	Bid & Award Ext Trim Coils	45	10SEP09	11NOV09		337	4,693.04
184-036	Award External Trim Coils	0	12NOV09	11NOV09		337	0.00
184-037	External Trim Coil Procurement	88	12NOV09	29MAR10		337	48,258.40
184-015	Title III WBS 133 Rxt Trim Coils	88	12NOV09	29MAR10		337	26,116.86
Subtotal		204	01JUN09	29MAR10		337	122,664.18
Job: 1355 - WBS 13 I&C Proc and Coil Assy-KALISH							
TF/PF Loacl I&C							
1355-101	Design, and Review	20	01MAY08*	29MAY08		269	11,145.60
1355-103	Prepare Installation Procedures	10	30MAY08	12JUN08		269	3,715.20
1355-105	FDR	1	13JUN08	13JUN08		269	1,486.08
1355-107	Prep req,bid,award T/C and wire	20	16JUN08	14JUL08		269	2,229.12
1355-109	Deliver of T/C and wire	40	15JUL08	09SEP08		269	13,080.00
1355-111	Installation on PF4,5,6 Coils upon delivery	20	22JAN09	18FEB09		239	9,745.80
1355-112	Installation on TF Coils upon delivery	45	10SEP08*	11NOV08		269	28,770.26
1355-113	Installation on PF1a Coils upon delivery	3	15MAR10	17MAR10		330	1,561.87
Subtotal		465	01MAY08	17MAR10		330	71,733.93
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		311	7,786.00
Blanket thermal insulation							
1416-304	Revise assembly models/drawings	5	01JUN07*	07JUN07		294	9,343.20
1416-305	Review and approve insulation concept	5	08JUN07*	14JUN07		294	6,449.70
1416-3198	Report Results & Issue Dwgs	10	15JUN07	28JUN07		294	7,651.28
Top level assy models/drawings							
1416-503	Complete models/drawings of power cable connect	80	01AUG07*	21NOV07		293	19,030.68
1416-504	Complete models/drawings of protective covers	80	01AUG07*	21NOV07		293	19,030.68
1416-507	Update, review and approve coil asm spec	21	31OCT07*	28NOV07		1,206	12,940.80
1416-508	Complete drawing rev to leads, terminal asm (ECN	21	01MAY07	30MAY07		416	12,457.60
1416-506	Check and promote top-level models/drawings	80	01AUG07	21NOV07		293	12,687.12



Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
Analysis and closeout documentation							
1416-601	Prepare EM and structural analysis of leads	27	01OCT07*	06NOV07		279	110,106.72
1416-602	Design memo KF structural analysis	15	07NOV07	27NOV07		279	15,528.96
1416-603	Update, review and approve FMECA	5	28NOV07	06DEC07		279	9,705.60
1416-604	Finalize draft documents - materials, eddy curre	5	07DEC07	13DEC07		279	6,470.40
1416-605	Prepare Type-ABC closeout FDR	15	14DEC07	14JAN08		279	11,646.72
1416-606	Resolve FDR comments	15	15JAN08	04FEB08		279	11,646.72
Type C Design Closeout							
1403-47C	Perform cool-down/warmup analysis	26	01OCT07*	05NOV07		674	7,430.40
Subtotal		188	01MAY07	04FEB08		1,167	279,912.58
Job: 1408 - MC Winding Supplies-CHRZANOWSKI							
1408-1	Procure Batt insulation	22*	01MAY07*	31MAY07		314	10,208.00
1408-2	Epoxy (existing order)	187	23MAY07*	25FEB08		376	58,166.95
1408-3	Misc and safety supplies ($7k/mo.)	188	23MAY07*	26FEB08		445	81,438.89
1408-4	Procure & Deliver Strain Gages and Thermocouples	30	02JUL07*	13AUG07		258	76,560.00
1408-5	Epoxy/glass for mold shell	164	23MAY07*	23JAN08		377	16,775.71
1408-6	VPI clean manifold contract	210	23MAY07*	27MAR08		379	12,942.86
1408-7	Misc tech shop support	250	23MAY07*	22MAY08		383	50,461.70
1408-8	Cutting hardware for flange bolts	250	23MAY07*	22MAY08		1,089	3,889.44
Subtotal		266	01MAY07	22MAY08		1,089	310,443.55
Job: 1411 - MCWF Fabr. S005242-HEITZENROEDER							
MCWF-001	EIO Contract Acrrued/cost to date =$9,216k	213*	30APR07A	30APR07A			0.00
MCWF-002	EIO Contract TOTAL EAC =$9,187k	213*	30APR07A	30APR07A			0.00
MCWF-003	Contract closeout final cost increment	20					1,800.00
MCWF-571	B6-MTM - machining/inspection	213*	31JUL06A	06JUN07		474	0.00
MCWF-581	B6-Receive at PPPL	0		07JUN07		474	0.00
MCWF-004	PPPL Overisght	28	01MAY07	08JUN07		1,360	7,112.40
MCWF-301	C6-MTM - machining/inspection	276*	03APR06A	08MAY07		476	0.00
MCWF-311	C6-Receive at PPPL	0		09MAY07		476	0.00
Subtotal		298	03APR06A	08JUN07		1,360	8,912.40
Job: 1451 - Mod Coil Winding-CHRZANOWSKI							
Station 1a/4 Casting Prep							
P1-061	Receive A5, Prep& Instl Cladding	24*	19APR07A	22MAY07	2*	345	48,955.65
P3-061	Receive B5, Prep& Instl Cladding	18	01JUN07*	26JUN07	2*	363	48,878.96

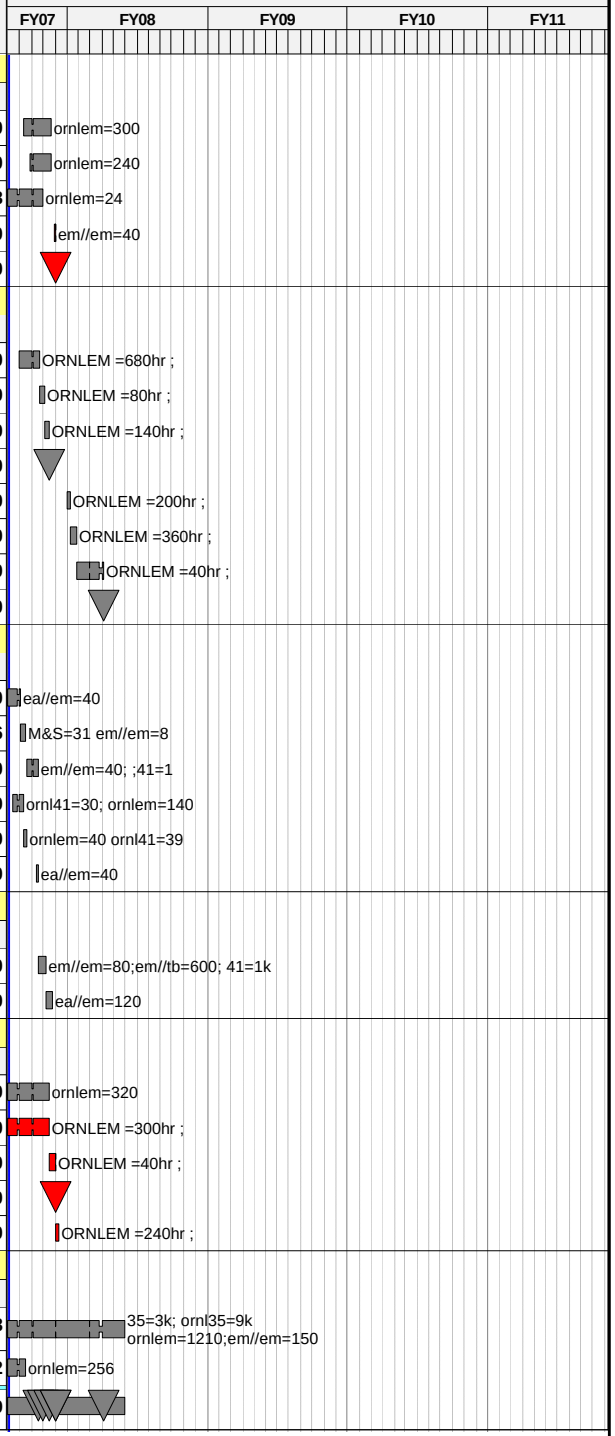


Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
P1-151	Receive A6, Prep& Instl Cladding	18	27JUN07*	23JUL07	2*	363	48,878.96
P2-031	Receive C6, Prep& Instl Cladding	18	24JUL07*	16AUG07	2*	425	48,878.96
P3-151	Receive B6, Prep& Instl Cladding	18	17AUG07*	12SEP07	2*	425	48,878.96
Station 2-Winding, Instl Chill Plates,Tubing,Bag							
P2-161	Wind coil B4	41*	16APR07A	12JUN07	2	374	127,103.90
P2-170	Instl Chill Plates,Tubing,Bag B4	22	13JUN07	13JUL07	2	374	63,131.60
P3-071	Wind coil B5	76	16JUL07	30OCT07	1	374	128,745.11
P3-080	Instl Chill Plates,Tubing,Bag B5	22	31OCT07	03DEC07	2	374	65,946.16
P2-041	Wind coil C6	38	04DEC07	04FEB08	2	374	132,773.54
P2-050	Instl Chl Plates,Tubing, Bag C6	22	05FEB08	05MAR08	2	374	65,946.16
Station 4-Winding, Instl Chill Plates,Tubing,Bag							
P2-080	Instl Chill Plates,Tubing,Bag B3	28*	01APR07A	09MAY07	2	354	63,131.60
P2-131	Wind coil A5	38	23MAY07	17JUL07	2	345	127,103.90
P2-140	Instl Chl Plates,Tubing, Bag A5	22	18JUL07	16AUG07	2	345	63,131.60
P1-161	Wind coil A6	76	17AUG07	05DEC07	1	345	130,535.52
P1-170	Instl Chill Plates,Tubing,Bag A6	22	06DEC07	15JAN08	2	345	65,946.16
P3-161	Wind coil B6	38	16JAN08	07MAR08	2	345	132,773.54
P3-170	Instl Chill Plates,Tubing,Bag B6	22	10MAR08	08APR08	2	345	65,946.16
Station 5-VPI							
P2-081V	VPI (Station 5) B3	11	10MAY07	24MAY07	2	379	45,759.76
P3-081V	VPI (Station 5) B4	11	16JUL07	30JUL07	2	404	45,759.76
P1-081V	VPI (Station 5) A5	11	17AUG07	31AUG07	2	465	45,759.76
P2-171V	VPI (Station 5) B5	11	04DEC07	18DEC07	2	405	47,801.36
P1-171V	VPI (Station 5) A6	11	16JAN08	30JAN08	2	397	47,801.36
P2-051V	VPI (Station 5) C6	11	06MAR08	20MAR08	2	374	47,801.36
P3-171V	VPI (Station 5) B6	11	09APR08	23APR08	2	345	47,801.36
Station 1 Post VPI							
P3-141C	Final Clamps & Warm Test (Station1) A4	15	01MAY07	21MAY07	1	456	24,913.84
P2-081C	Final Clamps & Warm Test (Station1) B3	15	25MAY07	15JUN07	1	379	24,913.84
P3-081C	Final Clamps & Warm Test (Station1) B4	15	31JUL07	20AUG07	1	404	24,913.84
P1-081C	Final Clamps & Warm Test (Station1) A5	15	04SEP07	24SEP07	1	465	24,913.84
P3-171C	Final Clamps & Warm Test (Station1) B5	15	19DEC07	17JAN08	1	405	26,027.60

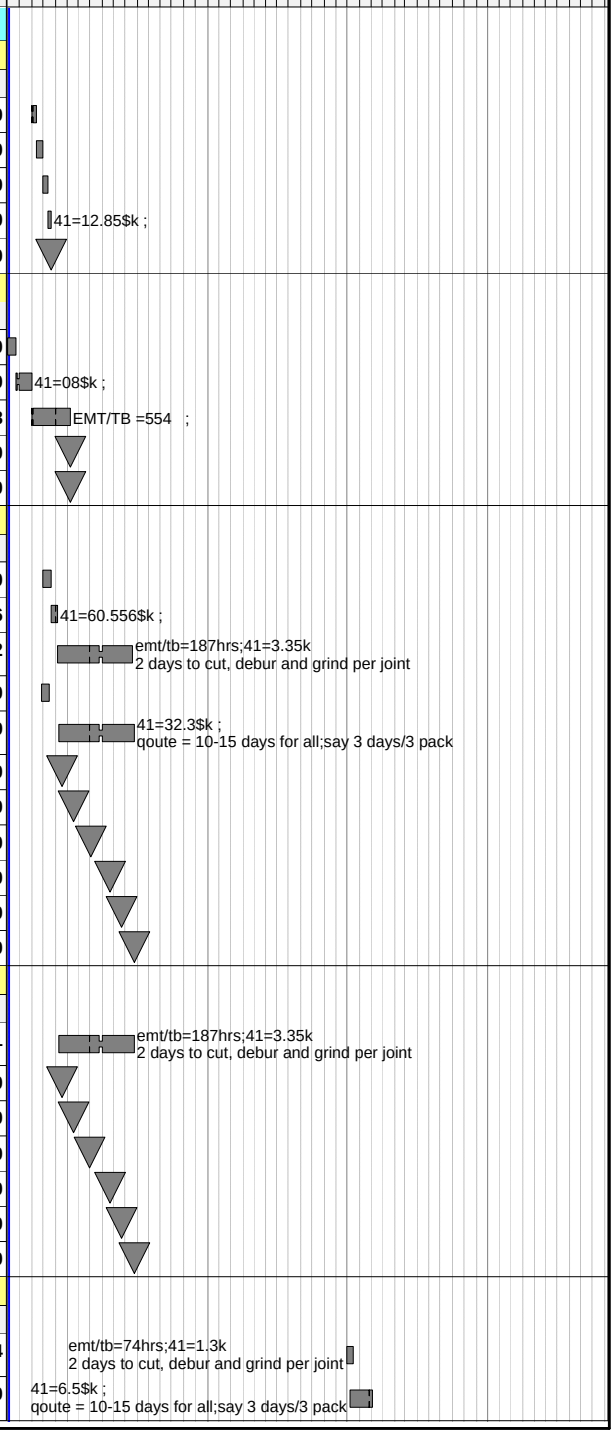
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
P1-171C	Final Clamps & Warm Test (Station1) A6	15	31JAN08	20FEB08	1	397	26,027.60
P2-051C	Final Clamps & Warm Test (Station1) C6	15	21MAR08	10APR08	1	374	26,027.60
P2-171C	Final Clamps & Warm Test (Station1) B6	15	24APR08	14MAY08	1	345	26,027.60
LOE Oversight & Supervision							
145XSPRV-1	Winding Engineering oversight and supervision	292*	01MAY07	30JUN08		1,063	860,080.29
Subtotal		313	01APR07A	30JUN08		1,063	2,869,017.21
Job: 1459 - Mod Coil Fabr.Punch List-CHRZANOWSKI							
Punchlist Tech shop/RESA							
PLTS-B2	Grinding -B2	5	25JUN07*	29JUN07	1	281	3,757.81
PLTS-A2	Grinding -A2	5	02JUL07	09JUL07	1	281	3,757.81
PLTS-A1	Grinding -A1	5	10JUL07	16JUL07	1	283	3,757.81
PLTS-B1	Grinding -B1	5	17JUL07	23JUL07	1	289	3,757.81
PLTS-C2	Grinding & Drill Holes -C2	20	20AUG07	17SEP07	1	270	18,405.60
PLTS-C1	Grinding & Drill Holes -C1	20	18SEP07	15OCT07	1	270	18,857.04
PLTS-C5	Grinding & Drill Holes -C5	20	16OCT07	12NOV07	1	270	19,226.40
PLTS-C3	Grinding & Drill Holes -C3	20	13NOV07	12DEC07	1	270	19,226.40
PLTS-A3	Grinding -A3	5	13DEC07	19DEC07	1	283	3,925.39
PLTS-B3	Grinding -B3	5	20DEC07	04JAN08	1	295	3,925.39
PLTS-A4	Grinding -A4	5	07JAN08	11JAN08	1	304	3,925.39
PLTS-B4	Grinding -B4	5	14JAN08	18JAN08	1	310	3,925.39
PLTS-C4	Grinding & Drill Holes -C4	20	21JAN08	15FEB08	1	310	19,226.40
PLTS-A5	Grinding -A5	5	18FEB08	22FEB08	1	370	3,925.39
PLTS-B5	Grinding -B5	5	25FEB08	29FEB08	1	379	3,925.39
PLTS-A6	Grinding -A6	5	03MAR08	07MAR08	1	390	3,925.39
PLTS-B6	Grinding -B6	5	15MAY08	21MAY08	1	345	3,925.39
PLTS-C6	Grinding & Drill Holes -C6	20	22MAY08	19JUN08	1	345	19,226.40
Punchlist- Coil Technicians							
PLCT-B2	Insul,measure,TC,SG other punch list-B2	7	01OCT07	09OCT07	2	294	16,502.66
PLCT-A2	Insul,measure,TC,SG other punch list-A2	7	10AUG07	20AUG07	2	258	15,798.14
PLCT-A1	Insul,measure,TC,SG other punch list-A1	9	21AUG07	31AUG07	2	258	19,555.95
PLCT-B1	Insul,measure,TC,SG other punch list-B1	7	04SEP07	12SEP07	2	276	15,798.14
PLCT-C2	Insul,measure,TC,SG other punch list-C2	9	18SEP07	28SEP07	2	285	19,555.95
PLCT-C1	Insul,measure,TC,SG other punch list-C1	18	16OCT07	08NOV07	1	274	20,748.49
PLCT-C5	Insul,measure,TC,SG other punch list-C5	18	13NOV07	10DEC07	1	272	20,428.05
PLCT-C3	Insul,measure,TC,SG other punch list-C3	18	13DEC07	16JAN08	1	270	20,748.49
PLCT-A3	Insul,measure,TC,SG other punch list-A3	17	17JAN08	08FEB08	1	270	19,306.51
PLCT-B3	Insul,measure,TC,SG other punch list-B3	14	11FEB08	28FEB08	1	270	16,502.66

Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
PLCT-A4	Insul,measure,TC,SG other punch list-A4	17	29FEB08	24MAR08	1	270	19,306.51
PLCT-B4	Insul,measure,TC,SG other punch list-B4	14	25MAR08	11APR08	1	270	16,502.66
PLCT-C4	Insul,measure,TC,SG other punch list-C4	19	14APR08	08MAY08	1	270	22,110.36
PLCT-A5	Insul,measure,TC,SG other punch list-A5	14	09MAY08	29MAY08	1	316	16,502.66
PLCT-B5	Insul,measure,TC,SG other punch list-B5	14	30MAY08	18JUN08	1	318	16,502.66
PLCT-A6	Insul,measure,TC,SG other punch list-A6	14	19JUN08	09JUL08	1	318	16,502.66
PLCT-B6	Insul,measure,TC,SG other punch list-B6	14	10JUL08	29JUL08	1	318	16,502.66
PLCT-C6	Insul,measure,TC,SG other punch list-C6	14	30JUL08	18AUG08	1	323	16,422.55
Subtotal		288	25JUN07	18AUG08		323	485,900.36
Job: 1421 - Mod Coil Interface Design-WILLIAMSON							
Outboard Interface							
IH4-020	Prepare outboard shim dwgs and release	45	01MAY07	03JUL07		248	9,343.20
INTRF-045	FDR prep outboard shims	10	05JUL07	18JUL07		248	6,228.80
INTRF-046	FDR outboard shims	0		18JUL07		248	0.00
INTRF-047	Resolve chit's and issue outboard shim drawings	6	19JUL07	26JUL07		251	9,343.20
Outboard Interface-Bolted Joint Tests-Tension							
1421-3067	Procure 2 studs f/joint test.Use existing part	61*	01MAY07	26JUL07		215	6,188.48
1421-3075	Setup test fixture &perform JHA & pre-job brief	2	27JUL07*	30JUL07		222	2,458.40
1421-3077	Meas joint deflect vs preload & loss of preload	3	31JUL07	02AUG07		222	5,534.64
1421-3079	Measure joint deflec & preload v. temp @80K	3	03AUG07	07AUG07		222	5,534.64
1421-3084	Measure joint deflection&preload v. cooldown cyc	3	08AUG07	10AUG07		222	5,534.64
1421-3087	Perform pullout tests for tapped holes	3	13AUG07	15AUG07		222	5,534.64
1421-3081	Meas joint deflect & preload v. time (days) at	20	16AUG07	13SEP07		222	36,897.60
1421-3090	Document&conduct review of test results	5	14SEP07	20SEP07		222	6,156.80
Outboard Interface-Bolted Joint Tests-Shear							
1421-3112B	Procure/fab parts for test&initial assembly	60*	01MAY07	25JUL07		216	18,916.80
1421-3115B	Assemble & test	31	27JUL07	10SEP07		215	57,499.40
1421-3119B	Document test results	15	11SEP07	01OCT07		215	12,489.81
Outboard Interface-Friction							
1429-3026	COF cyclic testing	14*	01MAY07	18MAY07		229	29,970.00
Inboard Interface-Design							
IH1-001	Coil to coil scoping analysis	62	01MAY07	27JUL07		236	116,974.40
1421-3125	Determine geometry&location of high COF shims&pl	40	01MAY07	26JUN07		218	12,457.60
1421-3127	Structural analyses to performance rqmts for bol	20	27JUN07	25JUL07		233	37,372.80
1421-3131	PDR prep for requirements, design,&development	5	26JUL07	01AUG07		233	6,228.80
1421-3132	PDR to review requirements, design,&development	0		01AUG07		233	0.00

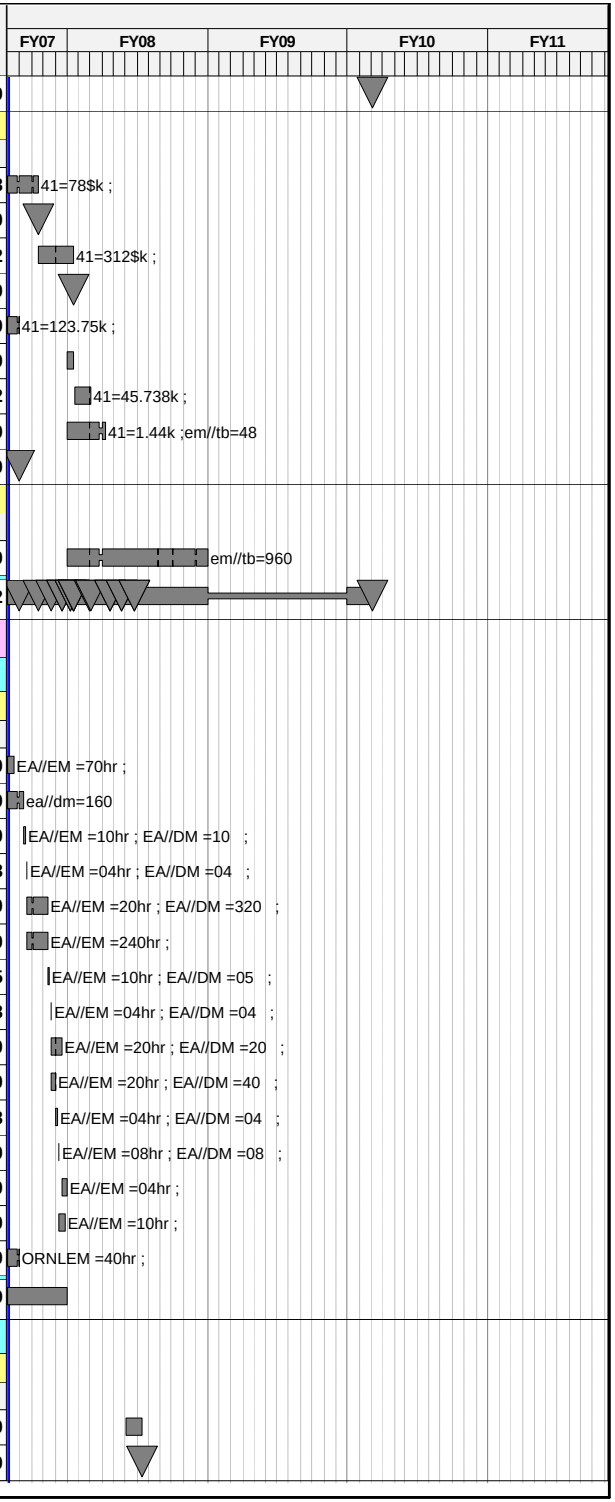
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
Inboard Interface-AB/BC/AA							
INTRF-049	prepare winding form mods for weld clamp bolts	50	13JUN07*	22AUG07		218	46,716.00
INTRF-050	Complete Shim fabrication drawings (ORNL)	40	27JUN07*	22AUG07		218	37,372.80
INTRF-051	Release info for procurement of shim material	64*	01MAY07	31JUL07		233	3,737.28
INTRF-054	FDR prep AB/BC/AA inboard shims	5	28AUG07	04SEP07		215	6,156.80
INTRF-055	FDR AB/BC/AA inboard shims	0		04SEP07		215	0.00
Inboard Interface-CC							
IH1-000	ESTABLISH CONCEPT	36	01JUN07*	23JUL07		270	105,889.60
IH1-0000	PEER REVIEW OF JOINT CONCEPT	8	24JUL07	02AUG07		270	12,457.60
1421-3143	Add bolt holes to C winding form dwg CC interfac	11	03AUG07*	17AUG07		270	21,800.80
1421-3143X	Release dwg for add'l holes in C coil	0		17AUG07		270	0.00
1421-3145	Bolt reach & access study (mockup)	6	01OCT07*	08OCT07		678	32,352.00
1421-3140	Prep C-C shim drawings and release	14	09OCT07	26OCT07		678	58,233.60
1421-3142	FDR Prep for C-C shims	42	29OCT07	07JAN08		678	6,470.40
1421-3144	FDR C-C Shims	0		07JAN08		678	0.00
Welded Joint Tests-Procedure							
INTRF-035	PPPL Determine shim material	23	01MAY07	01JUN07		222	7,112.40
INTRF-001	PPPL buy SS plate for weld trials	10	04JUN07	15JUN07		222	40,787.36
INTRF-005	Weld distortion trials at PPPL on SS plate	21	18JUN07	17JUL07		222	6,156.80
INTRF-025	ORNL build plywood mockup of flange	20	14MAY07*	11JUN07		237	51,800.80
INTRF-030	ORNL verify weld access	7	12JUN07	20JUN07		237	45,228.80
INTRF-010	Develop Weld Geometry Procedure	5	13JUL07	19JUL07		222	7,112.40
Welded Joint Tests-Tests							
INTRF-015	Weld trials on two MCWF's at PPPL	15	20JUL07	09AUG07		222	59,603.60
INTRF-020	Document results and update weld procedure	10	10AUG07	23AUG07		222	21,337.20
Overall MC Interface							
INTRF-040	ANalysis of tensile loads (ORNL)	75	01MAY07	15AUG07		228	49,830.40
1421-3134	Issue interface dwgs for comment	75	01MAY07	15AUG07		215	46,716.00
1421-3135	FDR Prep	13	16AUG07	04SEP07		215	6,228.80
1421-3136	Conduct BC,AB,AA,Interface FDR incl job 1416	0		04SEP07		215	0.00
1421-3138	Resolve issues, release assembly spec&drawings	5	05SEP07	11SEP07		215	37,372.80
INTRF-100	Misc travel, meetings,reporting,job 1416&1421	207	01MAY07	29FEB08		1,148	228,570.88
REBASE1421	Re-baseline exercise	33*	01MAY07*	15JUN07		1,322	39,864.32
Subtotal		207	01MAY07	29FEB08		1,148	1,369,574.09



Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
Job: 1431 - Mod. Coil Interface Hardware-DUDEK							
Bladders							
1421-3022	Receive first 5 Bladders	10	02JUL07*	16JUL07		260	0.00
1421-3023	Test Bladders	10	17JUL07	30JUL07		260	0.00
1421-3024	Prep Req, Bid,& Award Bladders	10	31JUL07	13AUG07		260	0.00
1421-3025	Deliver bladders	5	14AUG07	20AUG07		260	16,396.60
1421-3028	Bladders available for FPA	0		20AUG07		260	0.00
Bushings							
1421-3105	Prep Req, Bid,& Award Bushings	15	01MAY07	21MAY07		226	0.00
1421-3106	Deliver Bushings Material	29	22MAY07	02JUL07		226	10,271.80
1421-3107	PPPL Machine bushings Bushings	68	03JUL07	08OCT07		226	42,607.98
1421-3108	Bushings available for first coil-to-coil fitup	0	09OCT07			226	0.00
1421-3109	All Bushings delivered	0		08OCT07		283	0.00
Shims-Outboard							
1429-3059	Requisition,Bid,Award Shim Stock (out & inboard)	15	01AUG07	21AUG07		233	0.00
1429-3060	Deliver Shim Stock	10	22AUG07	05SEP07		233	77,274.56
1429-3062	PPPL Cut, Grind, debur Outboard Shims	130	06SEP07	18MAR08		233	19,262.52
1429-3065	Prep Req, Bid, Award Alumina Application	15	27JUL07	16AUG07		251	0.00
1429-3066	Apply Alumina to OutboardShims	130	13SEP07	25MAR08		233	42,152.99
1429-3069	Outboard Shims Available for 1st 3 pack MC assy	0	20SEP07			233	0.00
1429-3070	Outboard Shims Available for 2nd 3 pack MC assy	0	18OCT07			286	0.00
1429-3071	Outboard Shims Available for 3rd 3 pack MC assy	0	03DEC07			305	0.00
1429-3072	Outboard Shims Available for 4th 3 pack MC assy	0	23JAN08			322	0.00
1429-3073	Outboard Shims Available for 5th 3 pack MC assy	0	20FEB08			378	0.00
1429-3074	Outboard Shims Available for 6th 3 pack MC assy	0	26MAR08			400	0.00
Shims-Inboard							
1429-3062X	PPPL cut, grind and debur Inboard Shims	130	12SEP07	24MAR08		269	19,286.01
1429-3069X	Inboard Shims Available for 1st 3 pack MC assy	0	19SEP07			269	0.00
1429-3070X	Inboard Shims Available for 2nd 3 pack MC assy	0	17OCT07			287	0.00
1429-3071X	Inboard Shims Available for 3rd 3 pack MC assy	0	28NOV07			329	0.00
1429-3072X	Inboard Shims Available for 4th 3 pack MC assy	0	22JAN08			329	0.00
1429-3073X	Inboard Shims Available for 5th 3 pack MC assy	0	19FEB08			388	0.00
1429-3074X	Inboard Shims Available for 6th 3 pack MC assy	0	25MAR08			407	0.00
Shims- C-C Joint							
1429-3062C	PPPL Cut, Grind, debur Outboard Shims	10	01OCT09*	14OCT09		241	8,170.84
1429-3066C	Apply Alumina to OutboardShims	40	08OCT09	04DEC09		241	9,308.00



Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
1429-3075X	Shims Req'd for C-C joint	0	07DEC09			241	0.00
Studs,Washers,Nuts							
1421-3060	Deliver Stud Kit (PE007330) (for 1st 3 pack only	57*	01MAY07A	20JUL07		281	98,992.08
1421-3061	Stud kit available for 1st 3 pack MC assy	0		20JUL07		281	0.00
1421-3062	Re-order balance of stud kits	65	19JUL07	18OCT07		281	408,475.32
1421-3063	Stud kits available for balance of MC assy	0		18OCT07		281	0.00
1421-3065	Deliver Superbolts (PE007332)	22*	01MAY07A	31MAY07		316	157,905.00
1421-3070	Order Add'l stud kits for c-c joint&weld clmp	15	01OCT07*	19OCT07		373	0.00
1421-3072	Deliver Add'l stud kits for c-c joint&weld clmp	30	22OCT07	04DEC07		373	59,827.92
1421-3080	Purchase G-11 shims and machine for C-C inboard	65	01OCT07*	10JAN08		726	5,728.80
1421-3066	Super bolts available for FPA	0		31MAY07		316	0.00
1421-4000	Misc Tech Shop support through FPA sta 3	250*	01OCT07*	30SEP08		999	76,905.60
Subtotal		0		04DEC09		705	1,052,566.02
15 - Coil Structures							
Job: 1501 - Coil Structures Design-DAHLGREN							
1501-521	Complete Preliminary Stress analysis	11*	01MAY07	15MAY07		411	12,446.70
1501-522	Prelim CAD models & Dwgs	30	01MAY07	12JUN07		389	28,449.60
1501-525	PDR Prep	3	13JUN07	15JUN07		389	3,556.20
1501-525P	PDR	1	18JUN07*	18JUN07		389	1,422.48
1501-533	Detail CAD Drawings,BOM	40	19JUN07	14AUG07		389	60,455.40
1501-533F	Integrated Stress Analysis	40	19JUN07	14AUG07		389	42,674.40
1501-537	FDR Prep	3	15AUG07	17AUG07		389	2,667.15
1501-541	FDR	1	20AUG07	20AUG07		389	1,422.48
1501-545	Resolve Chits	20	21AUG07	18SEP07		389	7,112.40
1501-549	Update C.S.Support Design	10	21AUG07	04SEP07		394	10,668.60
1501-550	Peer Review Updated C.S.Design	3	05SEP07	07SEP07		394	1,422.48
1501-554	Resolve Chits from peer review	2	10SEP07	11SEP07		394	7,112.40
1501-558	Prepare requisition for Coil Structure & CSS h/w	10	19SEP07	02OCT07		389	717.60
1501-562	Prepare Specs for Coil Structure & CSS h/w	10	12SEP07	25SEP07		394	1,778.10
ECP53RBX09	FY07 Rebaseline exercise	22*	01MAY07*	31MAY07		1,333	7,112.40
Subtotal		108	01MAY07	02OCT07		1,247	189,018.39
Job: 1550 - Coil Struct. Procurement -DAHLGREN							
1501-245	Prep Spec,Solicit Bids, and Evaluate Bids	30	04MAR08	14APR08		289	0.00
162-036.9	Award Coil Support Structure	0		14APR08*		289	0.00



Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
162-037	Fabricate TF/MCWF mounting Components	130	15APR08	16OCT08		289	315,536.31
162-038	Fabricate PF Mounting components	130	01MAY09*	03NOV09		448	271,403.95
162-039	Fabricate Final TF Assy components Components	130	02FEB09*	04AUG09		458	83,722.66
162-040	Fabricate Machine/base support interface	130	02FEB09*	04AUG09		458	93,370.84
162-050	Prep req, bid and award G11/Teflon parts	20	02JUN08*	27JUN08		276	0.00
162-051	Deliver G11/Teflon parts	90	30JUN08	04NOV08		276	155,266.87
162-052	Prep req, bid and award Inconnel hardware	20	02JUN08*	27JUN08		276	0.00
162-053	Deliver Inconnel hardware	90	30JUN08	04NOV08		276	107,547.23
162-055	Prep req, bid and award Belleville Washers	20	02JUN08*	27JUN08		276	0.00
162-057	Deliver Belleville Washers	90	30JUN08	04NOV08		276	24,921.91
162-031	Title III engr WBS 151	311	15APR08	13JUL09		474	14,112.09
Subtotal		421	04MAR08	03NOV09		448	1,065,881.86

16 - Coil Services

Job: 1601 - Coil Services Design-GORANSON

FY07 Rebaseline Exercise

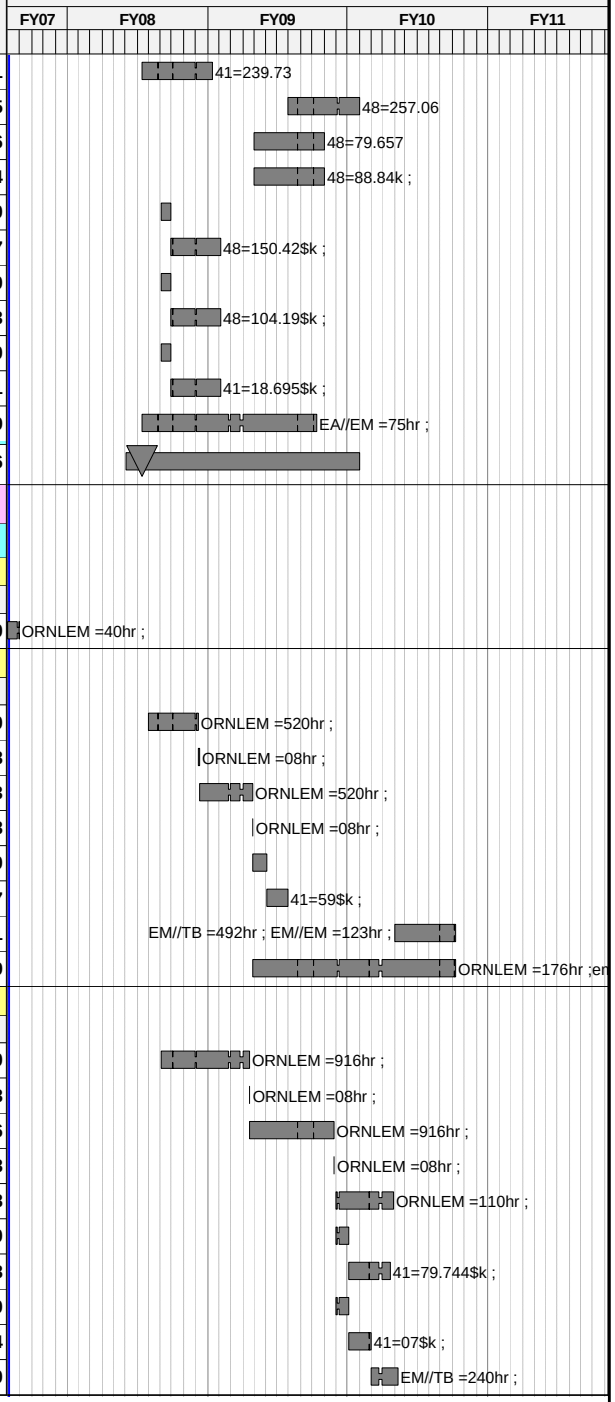
ECP53RBX08	FY07 Rebaseline exercise	22*	01MAY07*	31MAY07		1,333	6,228.80

161 - LN2 Distribution

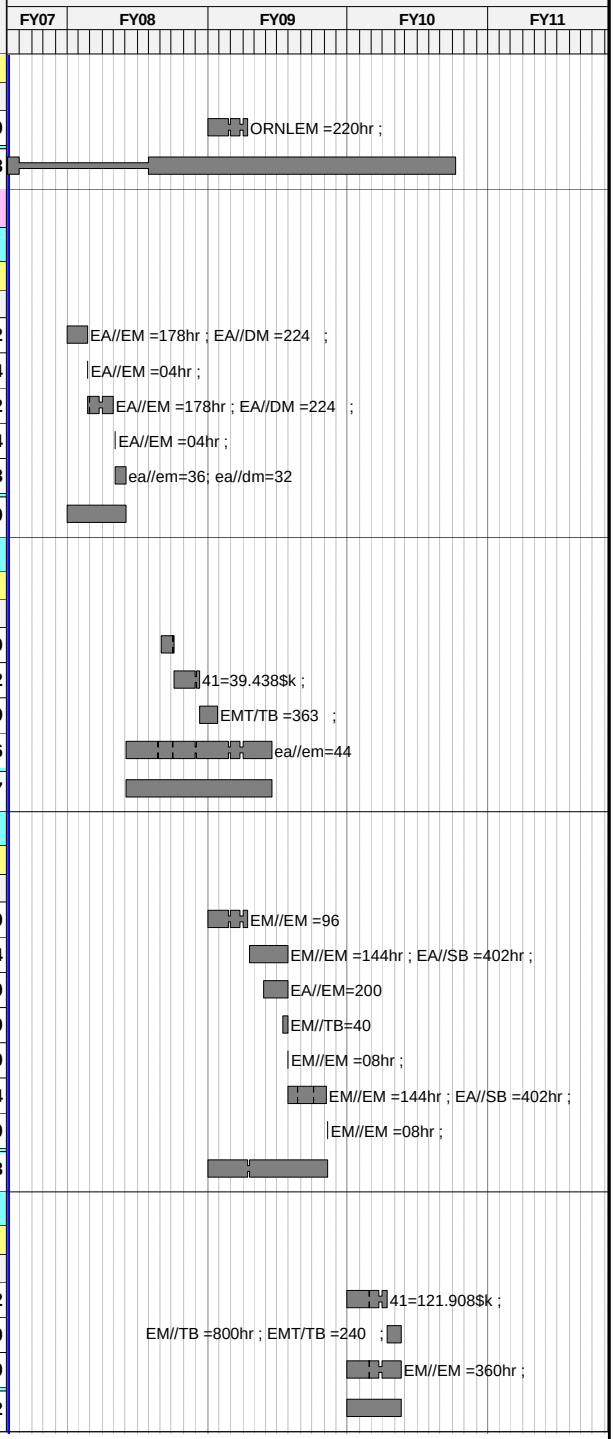
191-001	Title I design WBS 161 LN2 manifolds&piping	90	01MAY08*	08SEP08		274	84,115.20
191-002	PDR WBS 161 LN2 manifolds&piping	1	09SEP08*	09SEP08		274	1,294.08
191-011	Title II design WBS 161 LN2 manifolds&piping	90	10SEP08	26JAN09		274	89,163.53
191-012	FDR WBS 161 LN2 manifolds&piping	1	27JAN09	27JAN09		274	1,387.28
191-037	Prep Req,Bid,Award-manifolds,hoses,valves etc	25	28JAN09*	03MAR09		461	0.00
191-038	Delivery of-manifolds,hoses,valves etc	40	04MAR09*	28APR09		461	81,878.17
191-041	Assemble manifolds and piping	110	03FEB10*	08JUL10		274	62,996.91
191-031	Title III engr WBS 161	362	28JAN09	08JUL10		274	28,910.39

162 - Electrical Leads

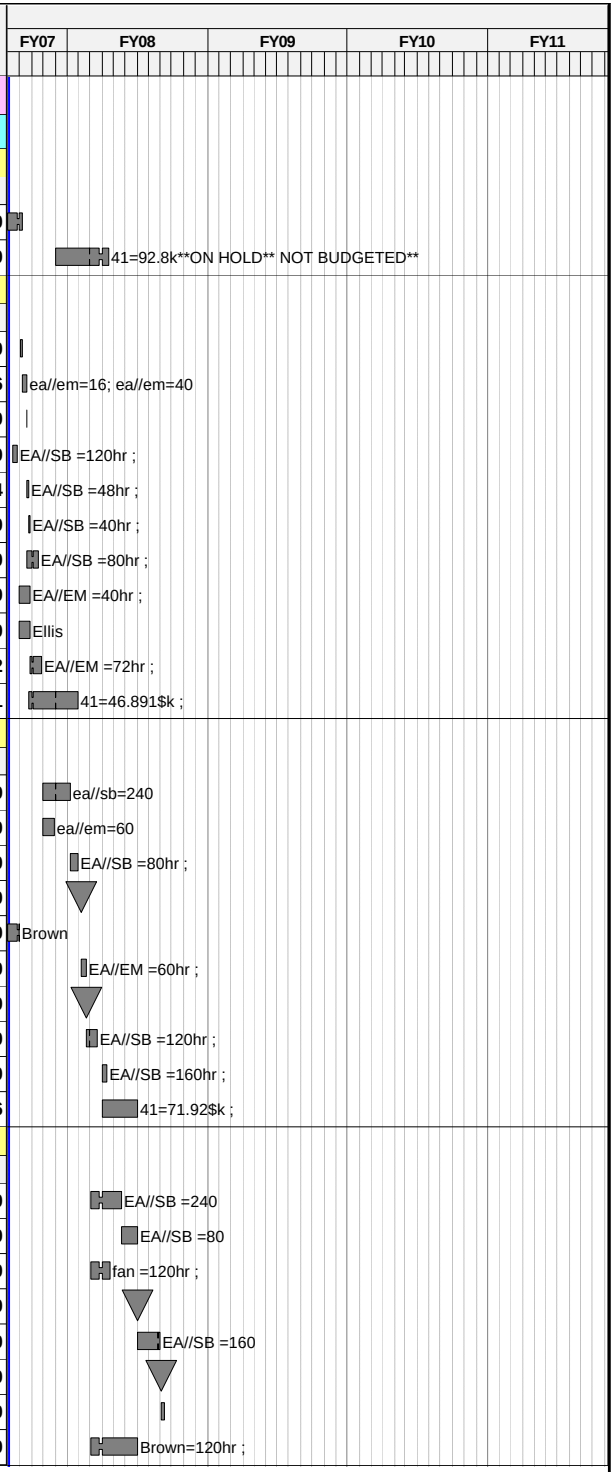
132-001	Title I design WBS 162 Coil leads	155	02JUN08*	19JAN09		278	152,991.50
132-002	PDR WBS 162 Coil leads	1	20JAN09*	20JAN09		278	1,387.28
132-011	Title II design WBS 162 Coil leads	155	21JAN09	27AUG09		379	158,843.56
132-012	FDR WBS 162 Coil leads	1	28AUG09	28AUG09		379	1,387.28
132-015	Title III design WBS 162 Coil leads	99	31AUG09*	29JAN10		451	19,579.88
132-037	Prep Req,Bid,Award Lead hardware and cables	25	31AUG09	05OCT09		379	0.00
132-038	Deliver Lead hardware and cables	65	06OCT09*	18JAN10		379	114,187.68
132-047	Prep Req,Bid,Award Material for transition box	25	31AUG09*	05OCT09		445	0.00
132-048	Deliver Material for Transition Boxes	40	06OCT09*	02DEC09		445	9,909.44
132-049	Assemble Transition boxes (6)	40	03DEC09*	08FEB10		445	20,462.40



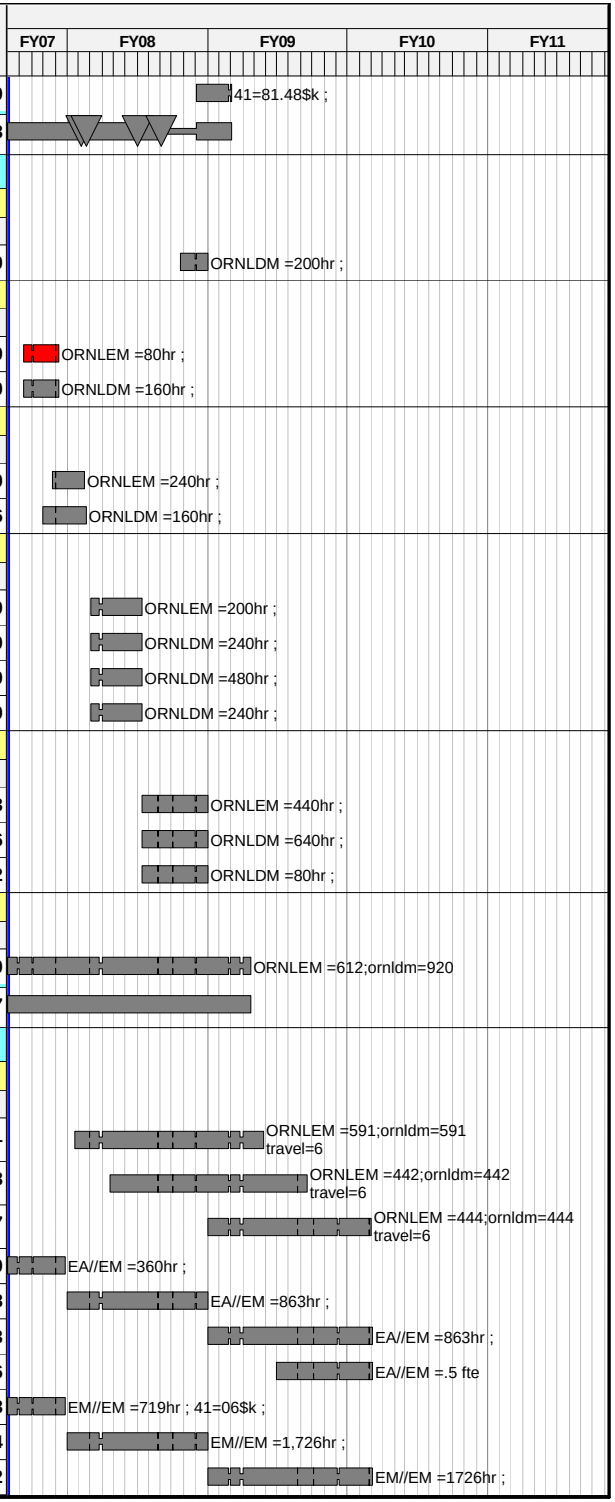
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
163 - Coil Protection System							
163.001	Design Coil protection(input to WBS 4 & 5)	65	01OCT08*	12JAN09		342	38,150.20
Subtotal		794	01MAY07	08JUL10		561	872,873.58
17 - Cryostat and Base Support Structure							
Job: 1702 - Base Support Struct Design-DAHLGREN							
1702-510	Base support structure prel. design & analysis	40	01OCT07*	23NOV07		349	74,675.52
1702-515	Conduct PDR	1	26NOV07	26NOV07		349	743.04
1702-520	Final design. Assy dwgs, fab dwgs, BOMs,specs/SO	40	27NOV07	01FEB08		349	74,675.52
1702-525	FDR	1	04FEB08	04FEB08		349	743.04
1702-530	Resolve chits, issue dwgs for fab,Issue requisit	20	05FEB08	03MAR08		349	12,631.68
Subtotal		102	01OCT07	03MAR08		349	163,468.80
Job: 1752 - Base Support Proc-DAHLGREN							
172 - Base Support Structure							
161-036.8	Bid and award base support materials	25	02JUN08*	07JUL08		286	0.00
161-036.9	Deliver base support materials	45	08JUL08	09SEP08		286	51,587.52
161-037	PPPL assemble structure	35	10SEP08*	28OCT08		286	29,567.39
161-038	Title III	261	04MAR08*	19MAR09		886	8,277.26
Subtotal		261	04MAR08	19MAR09		886	89,432.17
Job: 1701 - Cryostat Design-GETTLEFINGER							
1701-100	Cryostat- Conceptual Design	65	01OCT08*	12JAN09		284	15,888.00
1701-101	Cryostat- Preliminary Design	70	21JAN09	28APR09		278	73,446.84
1701-102	Cryostat- Stress analysis	43	27FEB09*	28APR09		278	38,242.00
1701-103	Cryostat- Joint R&D	10	15APR09*	28APR09		278	3,298.40
1701-121	Cryostat- PDR	1	29APR09	29APR09		278	1,324.00
1701-131	Cryostat- Final Design	70	30APR09	07AUG09		278	73,446.84
1701-141	Cryostat- FDR	1	10AUG09	10AUG09		278	1,324.00
Subtotal		213	01OCT08	10AUG09		278	206,970.08
Job: 1751 - Cryostat Procurement-GETTLEFINGER							
1751-151	Cryostat- Procure Materials and Supplies	65	01OCT09*	13JAN10		391	174,575.12
1751-161	Cryostat- Fabricate Components	25	14JAN10	17FEB10		391	88,670.40
1751-171	Cryostat- Title III	90	01OCT09	17FEB10		660	61,606.80
Subtotal		90	01OCT09	17FEB10		660	324,852.32



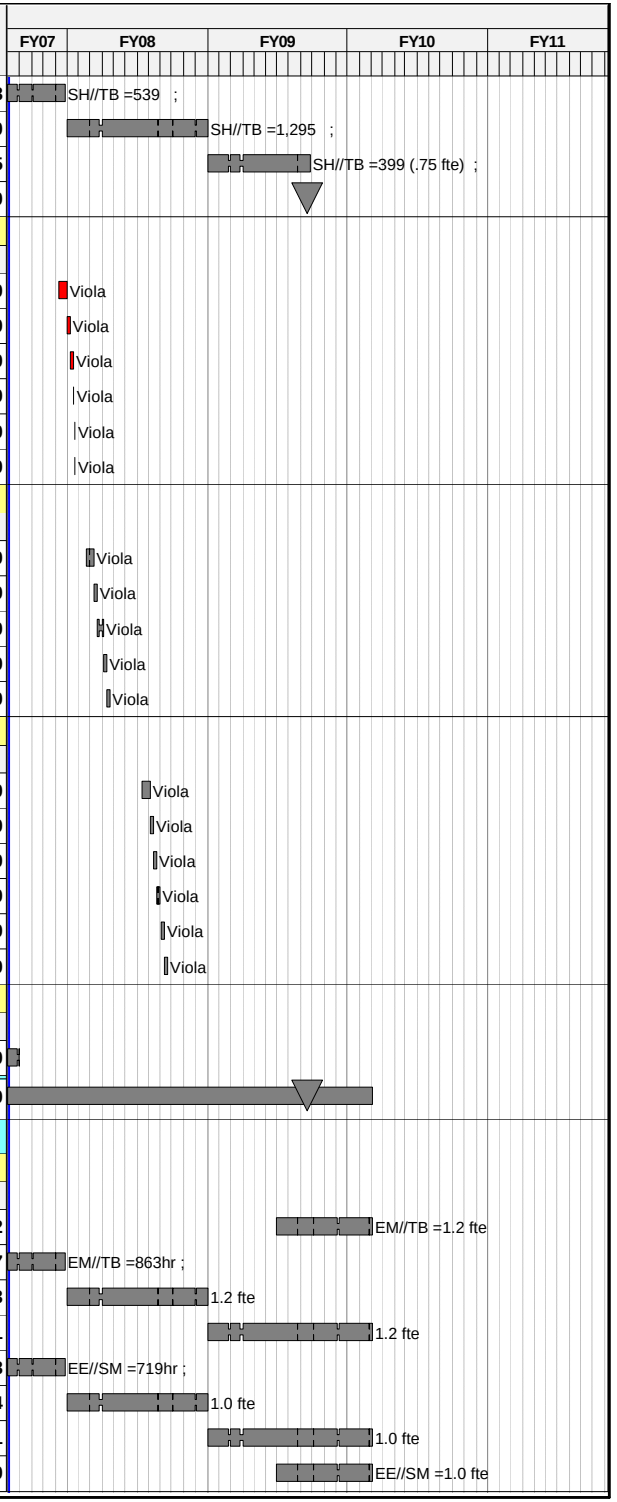
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
18 - Field Period Assembly							
Job: 1803/1805- FPA Tooling/Constr-BROWN/DUDEK							
Station 2-Modular Coil Sub- Assembly							
1803-2.1	Assembly sequence plan drafted	28	01MAY07	08JUN07		280	0.00
1803-2.2	Procure 2 20degree wedge fixt (for total of 6)	90	04SEP07*	18JAN08		300	0.00
Station 3-Modular Coil to VVSA Assembly							
1803-3.2	Finalize drawings for internal review and outsid	3	04JUN07	06JUN07		318	0.00
1803-3.3	Analyze single point lift	10	07JUN07	20JUN07		318	9,957.36
1803-3.4	Stage 3 support FDR	1	21JUN07*	21JUN07		318	0.00
1803-3.5	Flange bolt/VV support access platform	8	14MAY07*	23MAY07		338	13,773.60
1803-3.6	Revise drawings per FDR input and release for Fa	2	22JUN07	25JUN07		318	5,509.44
1803-3.7	Transportation study (move between test cells)	2	26JUN07	27JUN07		380	4,591.20
1803-3.8	Generate laser trace drawing for each screen	20	22JUN07	20JUL07		364	9,182.40
1803-3.9	Assembly sequence plan and Installation procedur	18	01JUN07*	26JUN07		360	7,112.40
R1802-305	Metrology plan	20	01JUN07*	28JUN07		379	0.00
1803-3.10	VV/MC clearance report (for VVSA1, 2 and 3)	21	27JUN07	26JUL07		360	12,802.32
1803-3.11	Procure materials and fixture	88	26JUN07*	29OCT07		318	60,189.71
Station 5-Final Field Period Assembly							
1803-5.1	Complete FP support models	50	01AUG07*	10OCT07		316	27,744.19
1803-5.5	Design followup & prelim analysis	20	01AUG07*	28AUG07		376	10,668.60
1803-5.2	Complete platform models	15	11OCT07	31OCT07		316	9,592.80
1803-5.3	PDR	0		07NOV07		316	0.00
R1802-503	Sequence plan	20	02MAY07*	30MAY07		429	0.00
1803-5.4	Structural Analysis	10	08NOV07*	21NOV07		316	11,145.60
1803-5.6	FDR	0		21NOV07		316	0.00
1803-5.7	Complete dwg package and release for Fa	20	22NOV07	21DEC07		316	14,389.20
1803-5.8	Complete models and dwgs for test cell metrology	9	02JAN08	14JAN08		352	19,185.60
1803-5.9	Procure materials and fixture (2 stations)	65	02JAN08	01APR08		316	94,071.36
6.00-Final Machine Assembly							
1803-6.1	Complete Stage 6 support models	50	03DEC07*	19FEB08		328	28,778.40
1803-6.2	Complete platform models	30	20FEB08	01APR08		328	9,592.80
1803-6.3	Structural Analysis	30	03DEC07*	22JAN08		378	22,291.20
1803-6.4	PDR	0		01APR08		328	0.00
1803-6.5	Complete drawing package	40	02APR08	28MAY08		328	19,185.60
1803-6.6	FDR	0		04JUN08		328	0.00
1803-6.7	Revise drawings per FDR input and release for Fa	5	05JUN08	11JUN08		328	0.00
1803-6.9	Design followup and prelim analysis	82	03DEC07*	03APR08		371	22,291.20



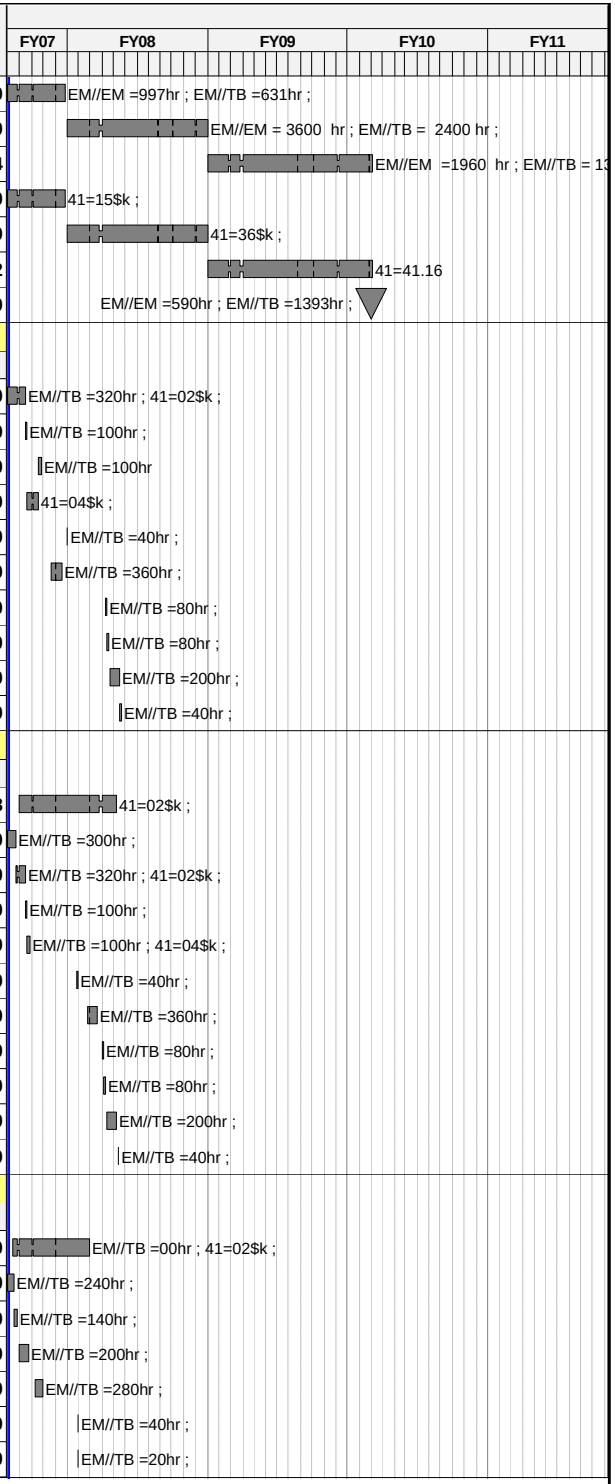
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
1803-6.8	Procure materials and fixture	65	02SEP08*	03DEC08		272	111,484.70
Subtotal		400	01MAY07	03DEC08		272	523,539.68
Job: 1806 - FP Assembly specs and drawings-COLE							
1.00-VV Prep Station							
1803-609	Detail dwgs-spool piece	50	22JUL08	30SEP08		540	16,724.00
Station 2-Modular Coil Sub- Assembly							
1803-201	Station 2 Assembly Specification	65	11JUN07*	11SEP07		215	12,457.60
1803-205	Station 2 Assembly Drawings	65	11JUN07*	11SEP07		229	13,200.00
Station 3-Modular Coil to VVSA Assembly							
1803-301	Station 3 Assembly Specification	60	24AUG07*	16NOV07		280	38,218.40
1803-305	Station 3 Assembly Drawings	80	02AUG07*	22NOV07		276	13,287.36
Station 5-Final Field Period Assembly							
1803-501	Station 5 Assembly Specification	90	03DEC07*	15APR08		286	32,352.00
1803-505	Station 5 Assembly Drawings	90	03DEC07*	15APR08		286	20,068.80
1803-509	Field period Assy Dwgs	90	03DEC07*	15APR08		286	40,137.60
1803-611	Detail dwgs-welding ports	90	03DEC07*	15APR08		286	20,068.80
6.00-Final Machine Assembly							
1803-601	Station 6 Assembly Specification	120	15APR08*	02OCT08		259	71,259.83
1803-605	Station 6 Assembly Drawings	120	15APR08*	02OCT08		259	53,549.76
1803-613	Detail dwgs-man access port	120	15APR08*	02OCT08		259	6,693.72
1803-010	Models,design reviews, meetings,reporting,	430	01MAY07*	23JAN09		925	176,478.50
Subtotal		430	01MAY07	23JAN09		925	514,496.37
Job: 1802 - FP Assy Oversight&Support-VIOLA							
Oversight and Supervision							
1802ORNL02	ORNL Title III field period assy station 2	331*	24OCT07	26FEB09		255	152,894.81
1802ORNL03	ORNL Title III field period assy station 3	355*	23JAN08	19JUN09		223	116,963.98
1802ORNL05	ORNL Title III field period assy station 5	291*	01OCT08	01DEC09		219	122,222.77
R1802-001	Metrology Engr Super FY07	106*	01MAY07*	28SEP07		1,249	64,011.60
R1802-003	Metrology Engr Super FY08	250*	01OCT07*	30SEP08		999	160,310.88
R1802-004	Metrology Engr Super FY09	294*	01OCT08*	04DEC09		705	194,953.43
R1802-004S	Metrology Engr Super FY09 (2n shft suprt .5 fte	175*	30MAR09*	04DEC09	2	705	116,452.16
R1802-005	FPA Management FY07	106*	01MAY07*	28SEP07		1,249	117,941.68
R1802-007	FPA Management FY08	250*	01OCT07*	30SEP08		999	277,523.54
R1802-008	FPA Management FY09	294*	01OCT08*	04DEC09		705	337,481.42



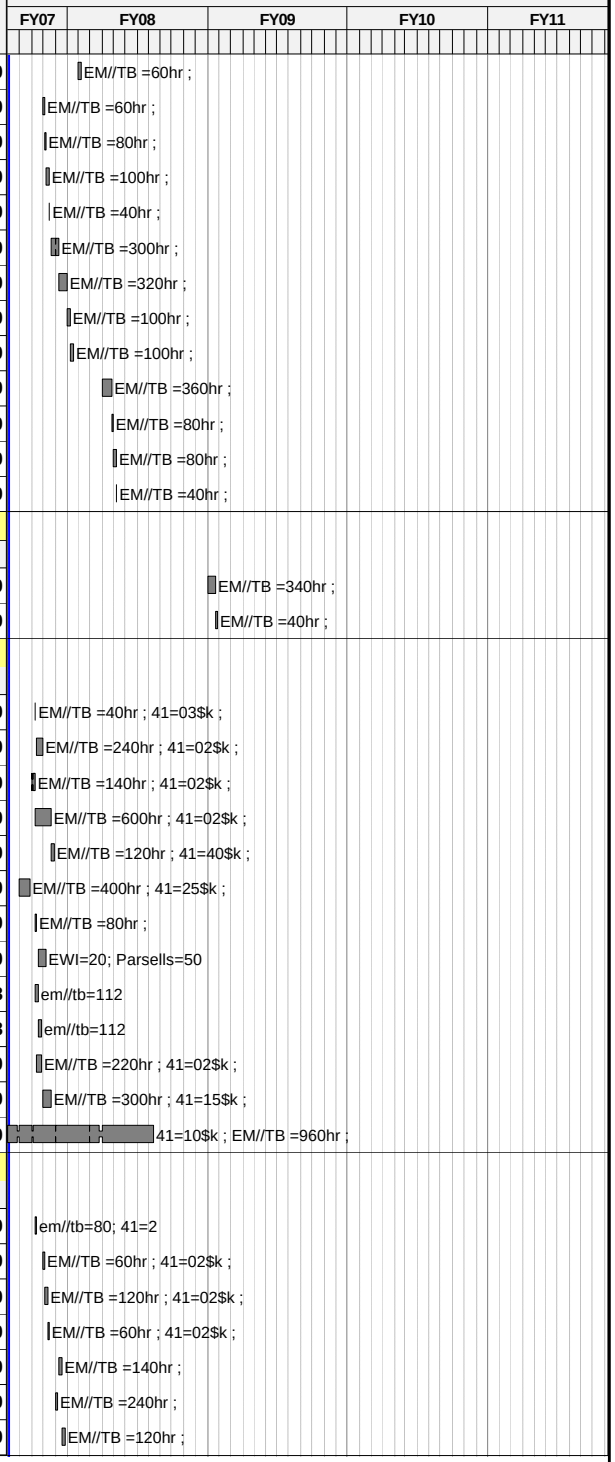
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
R1802-013	HP Coverage in the TFTR TC LOE FY07	106*	01MAY07*	28SEP07		1,249	60,432.68
R1802-015	HP Coverage in the TFTR TC LOE FY08	250*	01OCT07*	30SEP08		999	149,857.40
R1802-016	HP Coverage in the TFTR TC LOE FY09	181*	01OCT08*	24JUN09		818	111,675.15
R1810-098	Station 3 complete	0		19JUN09		821	0.00
Station 2 procedures,JHA,ACC,Training,Prep							
R1802-207	Procedures written & approved	14	12SEP07	01OCT07		215	0.00
R1802-209	JHA completed	6	02OCT07	09OCT07		215	0.00
R1802-211	Training needs identified & released	6	10OCT07	17OCT07		215	0.00
R1802-213	ACC review completed	2	18OCT07	19OCT07		215	0.00
R1802-215	Pre-job brief completed	1	22OCT07	22OCT07		215	0.00
R1802-217	Station 2 operational	1	23OCT07	23OCT07		215	0.00
Station 3 procedures,JHA,ACC,Training,Prep							
R1802-307	Procedures written & approved	10	23NOV07	10DEC07		276	0.00
R1802-309	JHA completed	6	11DEC07	18DEC07		276	0.00
R1802-311	Training needs identified & released	6	19DEC07	04JAN08		276	0.00
R1802-313	ACC review completed	6	07JAN08	14JAN08		276	0.00
R1802-315	Pre-job brief completed	6	15JAN08	22JAN08		276	0.00
Station 5 procedures,JHA,ACC,Training,Prep							
R1802-507	Procedures written & approved	14	16APR08	05MAY08		286	0.00
R1802-509	JHA completed	6	06MAY08	13MAY08		286	0.00
R1802-519	Fixtures installed	6	14MAY08	21MAY08		286	0.00
R1802-511	Training needs identified & released	6	22MAY08	30MAY08		286	0.00
R1802-513	ACC review completed	7	02JUN08	10JUN08		286	0.00
R1802-515	Pre-job brief completed	7	11JUN08	19JUN08		286	0.00
1802MAY	May cost incr	20	01MAY07*	29MAY07		1,335	15,000.00
Subtotal		650	01MAY07	04DEC09		705	1,997,721.50
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	175*	30MAR09*	04DEC09	2	705	120,527.82
R1810-001	LOE Crane support, fixture setupfor FY07	106*	01MAY07*	28SEP07		1,249	66,183.47
R1810-003	LOE Crane support, fixture setupfor FY08	250*	01OCT07*	30SEP08		999	165,923.83
R1810-004	LOE Crane support, fixture setupfor FY09	294*	01OCT08*	04DEC09		705	201,777.31
R1810-005	LOE Field Supervision for FY07	106*	01MAY07*	28SEP07		1,249	98,014.08
R1810-007	LOE Field Supervision for FY08	250*	01OCT07*	30SEP08		999	245,765.14
R1810-008	LOE Field Supervision for FY09	294*	01OCT08*	04DEC09		705	298,861.01
R1810-008S	LOE Field Supervision for 2nd shft 1.0 fte	175*	30MAR09*	04DEC09	2	705	178,520.60



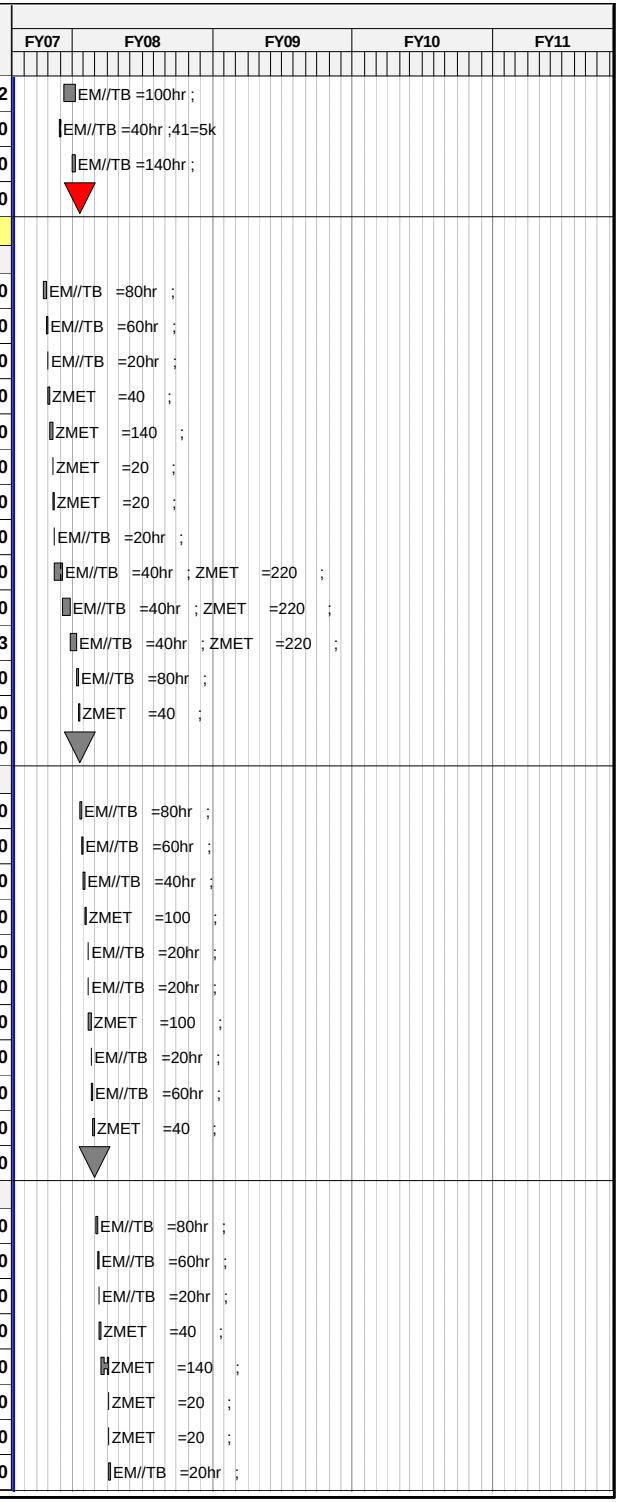
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
R1810-009	LOE Metrology sprt FY07 1.5 fte EM & 1.0 fte TB	106*	01MAY07*	28SEP07		1,249	201,895.70
R1810-011	LOE Metrology sprt FY08 1.5 fte EM & 1.0 fte TB	250*	01OCT07*	30SEP08		999	771,108.00
R1810-012	LOE Metrology sprt FY09 1.5 fte EM & 1.0 fte TB	294*	01OCT08*	04DEC09		705	433,824.14
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	294*	01OCT08*	04DEC09		705	57,721.02
R1810-099	Station 5 complete	0		01DEC09		708	0.00
Station 1-VV Prep (hard surface components) FP#1							
R1810-1105	Instl cooling lines & Weld cooling/htg risers	31	01MAY07*	13JUN07	1	538	50,099.80
R1810-1107	Verify Instl of H/C lines,headers,manifolds	5	14JUN07	20JUN07	1	538	7,669.00
R1810-1108	Perform final acceptance testing (H/C flow test)	5	20JUL07	26JUL07	1	518	7,669.00
R1810-1115	Purchase pump	20	21JUN07*	19JUL07	1	518	5,104.00
R1810-1112	Trim seal plates	2	01OCT07*	02OCT07	1	473	3,204.40
R1810-1109	Loop termination & verification	18	23AUG07	18SEP07	1	379	27,608.40
R1810-1110	Install Final Internal&Ext monuments & meas	4	09JAN08	14JAN08	1	308	6,408.80
R1810-1111	Final Scan	4	15JAN08	18JAN08	1	308	6,408.80
R1810-1114	Install heater tape on all removable ports	20	21JAN08	15FEB08	1	308	16,022.00
R1810-1113	Prepare &transfer completed VV to holding area	2	18FEB08	19FEB08	1	308	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	429	23,007.00
R1810-1211	Weld cooling/htg risers	16	22MAY07	13JUN07	1	429	27,092.80
R1810-1213	Verify Instl of H/C lines,headers,manifolds	5	14JUN07	20JUN07	1	588	7,669.00
R1810-1208	Perform final acceptance testing (H/C flow test)	5	21JUN07	27JUN07	1	588	12,773.00
R1810-1212	Trim seal plates	2	26OCT07*	29OCT07	1	456	3,204.40
R1810-1215	Loop termination & verification	18	26NOV07	21DEC07	1	437	28,839.60
R1810-1216	Install Final Internal&Ext monuments & meas	4	02JAN08	07JAN08	1	437	6,408.80
R1810-1217	Final Scan	4	08JAN08	11JAN08	1	437	6,408.80
R1810-1214	Install heater tape on all removable ports	20	14JAN08	08FEB08	1	437	16,022.00
R1810-1219	Prepare& transfer completed VV to holding area	2	11FEB08	12FEB08	1	437	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	677	18,405.60
R1810-1305	Install heater tape on vertical ports	7	17MAY07	25MAY07	1	677	10,736.60
R1810-1314	Install heater tape on all removable ports	20	29MAY07	25JUN07	1	677	15,338.00
R1810-1311	Wind magnetic diagnostic sensors	14	11JUL07*	30JUL07	1	411	21,473.20
R1810-1312	Trim seal plates	2	30OCT07	31OCT07	1	589	3,204.40
R1810-1307	Verify installation of heater tapes	1	01NOV07	01NOV07	1	589	1,602.20



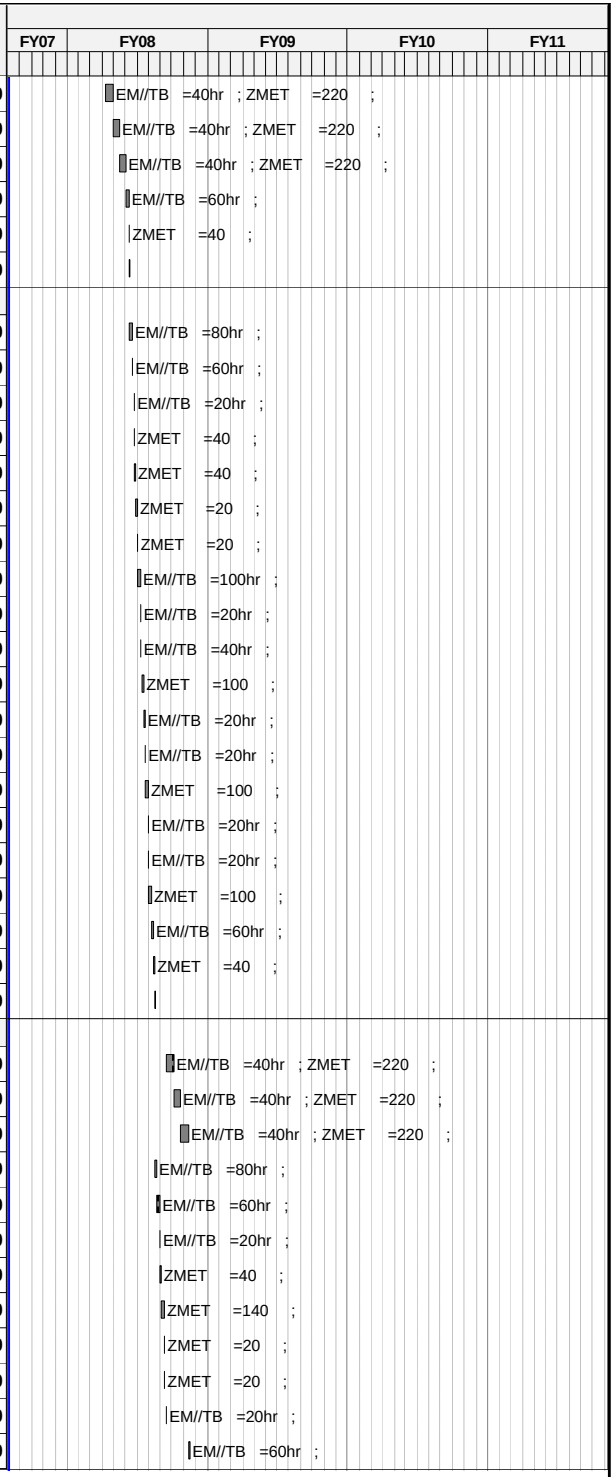
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
R1810-1309	Attach studs forcoolant lines	3	02NOV07	06NOV07	1	589	4,806.60
R1810-1313	Install precision magnetic diagnostic sensors	3	31JUL07	02AUG07	1	411	4,601.40
R1810-1315	Verify installation magnetic diagnostic sensors	4	03AUG07	08AUG07	1	411	6,135.20
R1810-1317	Install local I&C (incl thermocouples)	5	09AUG07	15AUG07	1	578	7,669.00
R1810-1319	Verify installation of local I&C	2	16AUG07	17AUG07	1	578	3,067.60
R1810-1321	Install cooling/htg lines to vac vsl	15	20AUG07	10SEP07	1	578	23,007.00
R1810-1323	Weld cooling/htg risers	16	11SEP07	02OCT07	1	578	24,677.60
R1810-1325	Verify Instl of H/C lines,headers,manifolds	5	03OCT07	09OCT07	1	578	8,011.00
R1810-1308	Perform final acceptance testing (H/C flow test)	5	10OCT07	16OCT07	1	578	8,011.00
R1810-1327	Loop termination & verification	18	02JAN08	25JAN08	1	532	28,839.60
R1810-1328	Install Final Internal&Ext monuments & meas	4	28JAN08	31JAN08	1	532	6,408.80
R1810-1329	Final Scan	4	01FEB08	06FEB08	1	532	6,408.80
R1810-1331	Prepare & transfer completed VV to holding area	2	07FEB08	08FEB08	1	532	3,204.40
Station 1-Spool pieces (3) (spacers)							
R1810-1S03	Attachdiagnostics, studs and coolant lines	17	01OCT08*	23OCT08	1	540	28,036.40
R1810-1S04	Install Final Internal&Ext monuments & meas	2	24OCT08	27OCT08	1	540	3,298.40
Station 2 Trials & Development							
R1810-2003	Trial tensioning test on prototype	3	09JUL07*	11JUL07	1	258	6,895.60
R1810-2005	Trial bushing and shim test on prototype	12	16JUL07*	31JUL07	1	244	20,957.60
R1810-2009	Perform trial x-y-z alignments on A1-A2.	7	02JUL07*	11JUL07	1	250	13,288.60
R1810-2010	Perform developmental trials on A1-A2.	30	12JUL07*	22AUG07	1	250	48,566.00
R1810-2011	Alignment mechanisms, metro equipt &positioning	6	23AUG07	30AUG07	1	250	60,242.80
R1810-2013	Procure alignment mechanisms, fiducials, lifting	20	01JUN07*	28JUN07	1	266	62,576.00
R1810-2015	Develop procedures for torquing bolts	4	09JUL07*	12JUL07	1	246	6,135.20
R1810-2050	Weld trials f/nose welding (in job 1421	15*	20JUL07	09AUG07	1	222	89,320.00
R1810-2051	Bushing test A-B	7	09JUL07*	17JUL07	1	242	8,589.28
R1810-2052	Bushing test B-C	7	18JUL07	26JUL07	1	242	8,589.28
R1810-2017	Determine fiducial types&locations	11	13JUL07*	27JUL07	1	246	19,423.80
R1810-2019	Procure monuments&related metrology equipment	15	02AUG07*	22AUG07	1	228	42,147.00
R1810-2001	Misc Hardware and hardware rework (1/2 fte loe)	260	01MAY07	14MAY08	1	1,095	88,516.60
Setup							
R1810-2023	Install FIRST Holding 20 deg fixture	4	09JUL07*	12JUL07	1	285	8,687.20
R1810-2025	Install SECOND Holding 20 deg fixture	3	01AUG07*	03AUG07	1	260	7,153.40
R1810-2027	Install THIRD Holding 20 deg fixture	6	06AUG07*	13AUG07	1	260	11,754.80
R1810-2029	Install LAST Holding 20 deg fixture	3	14AUG07*	16AUG07	1	260	7,153.40
R1810-2004	Receive Drawings & Hardware (shims & Bolts)	7	12SEP07	20SEP07	1	355	10,736.60
R1810-2006	Surface grind set of metal shims for qualificat	4	04SEP07*	07SEP07	1	247	18,405.60
R1810-207	Compress alumina shims and sort	6	20SEP07*	27SEP07	1	233	9,202.80



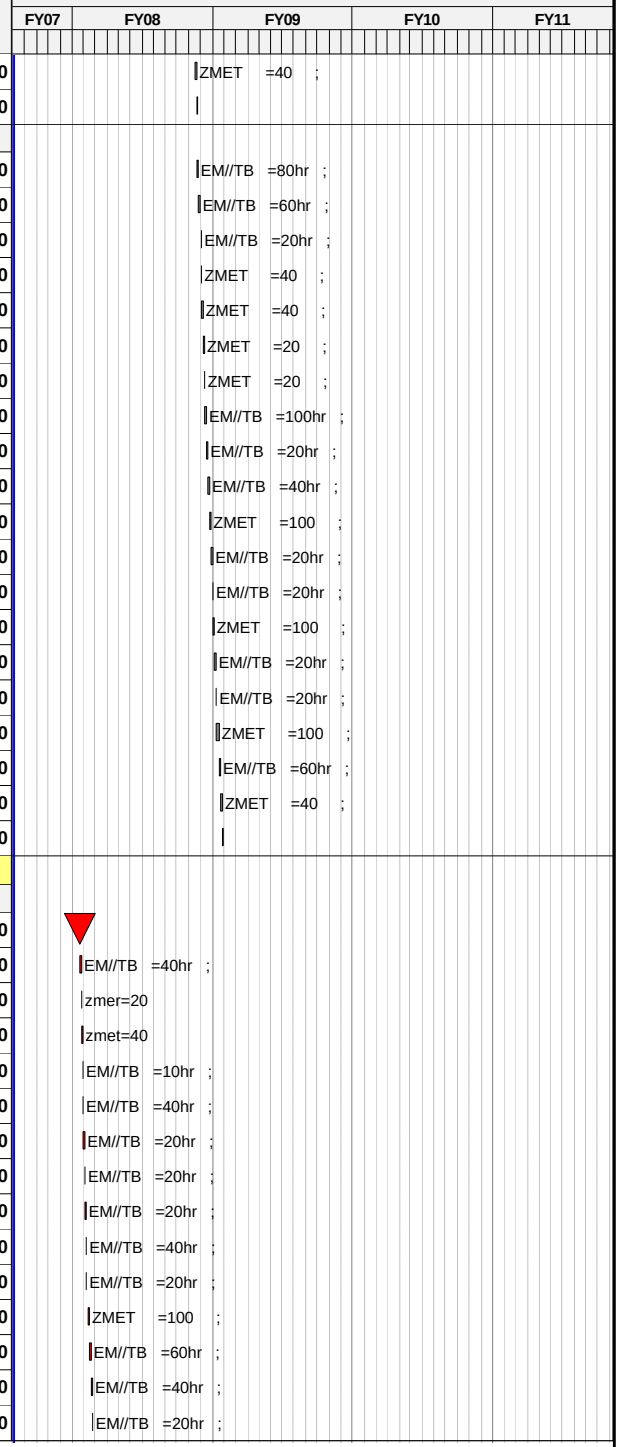
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
R1810-209	Perform metrology setup & checks	22	10SEP07*	09OCT07	1	225	7,777.82
R1810-2021	Tools&tooling available for FPA operations	2	31AUG07	04SEP07	1	250	9,447.60
R1810-2002	Test out Equip & Procedures	7	02OCT07	10OCT07	1	224	11,215.40
R1810-2108	HARDWARE,DRAWINGS,& PROCURES AVAILABLE	0		23OCT07	1	215	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	216	6,135.20
S21-1.02	Epoxy paint all close fitting interfacing surfac	3	26JUL07	30JUL07	1	216	4,601.40
S21-2.01	Set A1 on pre-measured fixt, "B" side down	1	31JUL07	31JUL07	1	216	1,533.80
S21-2.02	Align to the conical seats locking into of 8	2	01AUG07	02AUG07	1	216	0.00
S21-2.03	Estab global coord sys on mc geometry. Meas monu	7	03AUG07	13AUG07	1	216	0.00
S21-2.04	Meas tooling ball monuments on winding form.	1	14AUG07	14AUG07	1	216	0.00
S21-2.05	Scan the "A" flange of the Type-A1 coil.	1	15AUG07	15AUG07	1	216	0.00
S21-2.07	Remove A1 coil from stand	1	16AUG07	16AUG07	1	216	1,533.80
S21-2.08	Measure B1 "A" flange	14	17AUG07	06SEP07	1	216	3,067.60
S21-2.11	Measure C1 "A" flange	13	07SEP07	25SEP07	1	216	3,067.60
S21-2.14	Measure Type A1-A2 "A" flange	13	26SEP07	12OCT07	1	216	3,172.83
S21-3.02	Grind shims first article f/assy process qu	4	15OCT07	18OCT07	1	216	6,408.80
S21-4.02	Perform metrology set-up and checks	2	19OCT07	22OCT07	1	216	0.00
S21-3.03	Ready For Preassembly A1B1C1	0		22OCT07	1	216	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		245	6,408.80
S22-1.02	Epoxy paint all close fitting interfacing surfac	3	29OCT07	31OCT07		245	4,806.60
S22-2.08	Set Type-B coil on fixt, “B” side flange down.	2	01NOV07	02NOV07		245	3,204.40
S22-2.09	Steps 2.02 thru 2.04 scan the "A" side flange.	5	05NOV07	09NOV07		245	0.00
S22-2.1	Remove Type-B coil from stand and store coil.	1	12NOV07	12NOV07		245	1,602.20
S22-2.11	Set Type-C coil on fixt, “B” side flange down.	1	13NOV07	13NOV07		245	1,602.20
S22-2.12	Steps 2.02 thru 2.04 scan the "A" side flange.	5	14NOV07	20NOV07		245	0.00
S22-2.13	Remove Type-C coil from stand and store coil.	1	21NOV07	21NOV07		245	1,602.20
S22-3.02	Compress alumina shims sort by thickness	3	22NOV07	26NOV07		245	4,806.60
S22-4.02	Perform metrology set-up and checks	2	27NOV07	28NOV07		245	0.00
S22-4.03	Ready For Preassembly A2B2C2	0		28NOV07		245	0.00
Pre measurement of MCHP A3,B3,C3 flanges							
S23-1.01	Verify mating MC's of MCHP will come together	4	03DEC07	06DEC07		245	6,408.80
S23-1.02	Epoxy paint all close fitting interfacing surfac	3	07DEC07	11DEC07		245	4,806.60
S23-2.01	Set the A3 coil on fixture, A side flange down	1	12DEC07	12DEC07		245	1,602.20
S23-2.02	Align to the conical seats locking into min of 8	2	13DEC07	14DEC07		245	0.00
S23-2.03	Measure monuments on fixture and walls.	7	17DEC07	03JAN08		245	0.00
S23-2.04	Measure tooling ball monuments	1	04JAN08	04JAN08		245	0.00
S23-2.05	Scan the B flange of A3	1	07JAN08	07JAN08		245	0.00
S23-2.07	Remove A3 move to holding area.	1	08JAN08	08JAN08		245	1,602.20



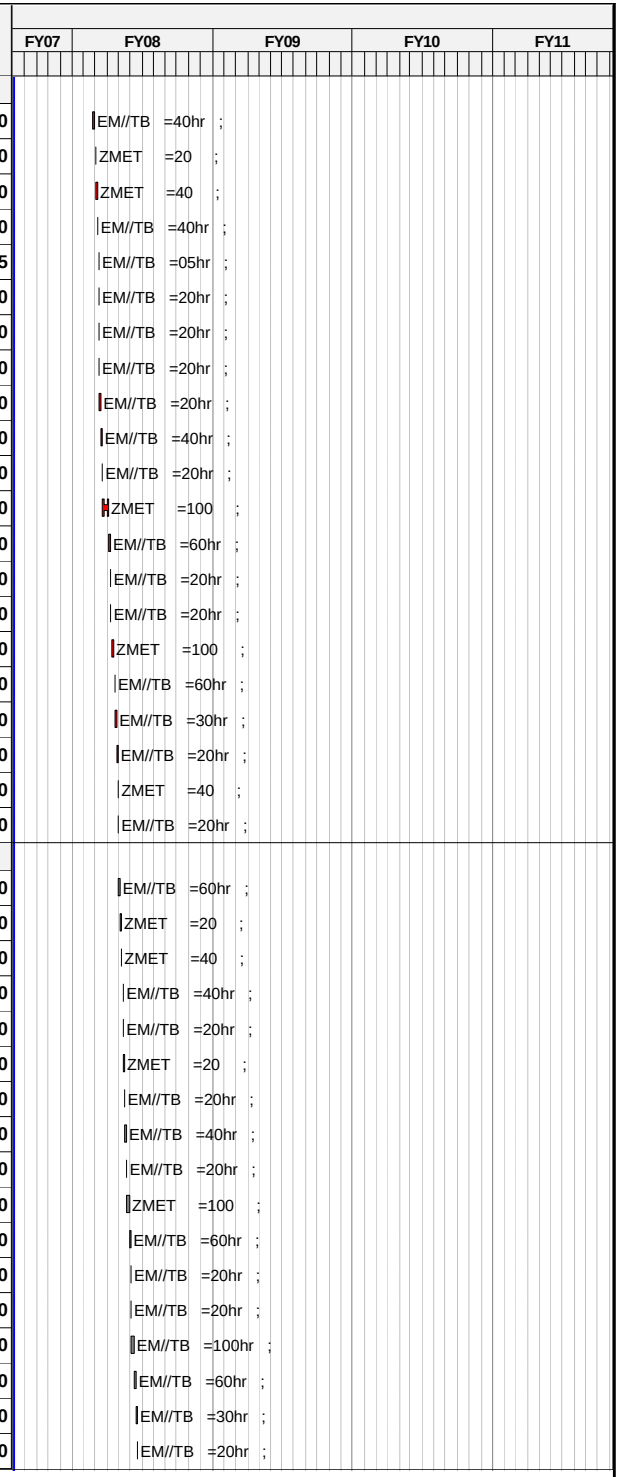
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
S23-2.08	Measure B3 "A" flange	14	09JAN08	28JAN08		245	3,204.40
S23-2.11	Measure C3 "A" flange	13	29JAN08	14FEB08		245	3,204.40
S23-2.14	Measure Type A3-A4 "A" flange	13	15FEB08	04MAR08		245	3,204.40
S23-3.02	Compress alumina shims sort by thickness	4	05MAR08	10MAR08		245	4,806.60
S23-4.02	Perform metrology set-up and checks	2	11MAR08	12MAR08		245	0.00
S23-4.03	Ready For Preassembly A3B3C3	0	13MAR08	12MAR08		245	0.00
Pre measurement of MCHP A4,B4,C4 flanges							
S24-1.01	Verify mating MC's of MCHP will come together	4	13MAR08	18MAR08		245	6,408.80
S24-1.02	Epoxy paint all close fitting interfacing surfac	3	19MAR08	21MAR08		245	4,806.60
S24-2.01	Set the A4 coil on fixture, A side flange down	1	24MAR08	24MAR08		245	1,602.20
S24-2.02	Align to the conical seats locking into min of 8	2	25MAR08	26MAR08		245	0.00
S24-2.03	Measure monuments on fixture and walls.	2	27MAR08	28MAR08		245	0.00
S24-2.04	Measure tooling ball monuments	1	31MAR08	31MAR08		245	0.00
S24-2.05	Scan the B flange of A4	1	01APR08	01APR08		245	0.00
S24-2.06	Flip A4 "B" side dwn scan scan flange A	5	02APR08	08APR08		245	8,011.00
S24-2.07	Remove A4 move to holding area.	1	09APR08	09APR08		245	1,602.20
S24-2.08	Set B4 coil on fixt, B flange down.	2	10APR08	11APR08		245	3,204.40
S24-2.09	Steps 2.02 thru 2.04 scan the "A" side flange.	5	14APR08	18APR08		245	0.00
S24-2.1	Remove B4 from stand and store coil.	1	21APR08	21APR08		245	1,602.20
S24-2.11	Set C4 on fixt, B flange down.	1	22APR08	22APR08		245	1,602.20
S24-2.12	Steps 2.02 thru 2.04 scan the "A" side flange.	5	23APR08	29APR08		245	0.00
S24-2.13	Remove C4 coil from stand and store coil.	1	30APR08	30APR08		245	1,602.20
S24-2.14	Set MCHP A4 coil on fix, A flange dw	1	01MAY08	01MAY08		245	1,602.20
S24-2.15	Steps 2.02 thru 2.04scan the "B" side flange.	5	02MAY08	08MAY08		245	0.00
S24-3.02	Compress alumina shims sort by thickness	4	09MAY08	14MAY08		245	4,806.60
S24-4.02	Perform metrology set-up and checks	2	15MAY08	16MAY08		245	0.00
S24-4.03	Ready For Preassembly A4B4C4	0	19MAY08	16MAY08		245	0.00
Pre measurement of MCHP A5,B5,C5 flanges							
S25-2.08	Measure B5 "A" flange	14	17JUN08	07JUL08		255	3,204.40
S25-2.11	Measure C5 "A" flange	13	08JUL08	24JUL08		255	3,204.40
S25-2.14	Measure Type A5-A6 "A" flange	13	25JUL08	12AUG08		255	3,204.40
S25-1.01	Verify mating MC's of MCHP will come together	4	19MAY08	22MAY08		255	6,408.80
S25-1.02	Epoxy paint all close fitting interfacing surfac	3	23MAY08	28MAY08		255	4,806.60
S25-2.01	Set the A5 coil on fixture, A side flange down	1	29MAY08	29MAY08		255	1,602.20
S25-2.02	Align to the conical seats locking into min of 8	2	30MAY08	02JUN08		255	0.00
S25-2.03	Measure monuments on fixture and walls.	7	03JUN08	11JUN08		255	0.00
S25-2.04	Measure tooling ball monuments	1	12JUN08	12JUN08		255	0.00
S25-2.05	Scan the B flange of A5	1	13JUN08	13JUN08		255	0.00
S25-2.07	Remove A5 move to holding area.	1	16JUN08	16JUN08		255	1,602.20
S25-3.02	Compress alumina shims sort by thickness	4	13AUG08	18AUG08		255	4,806.60



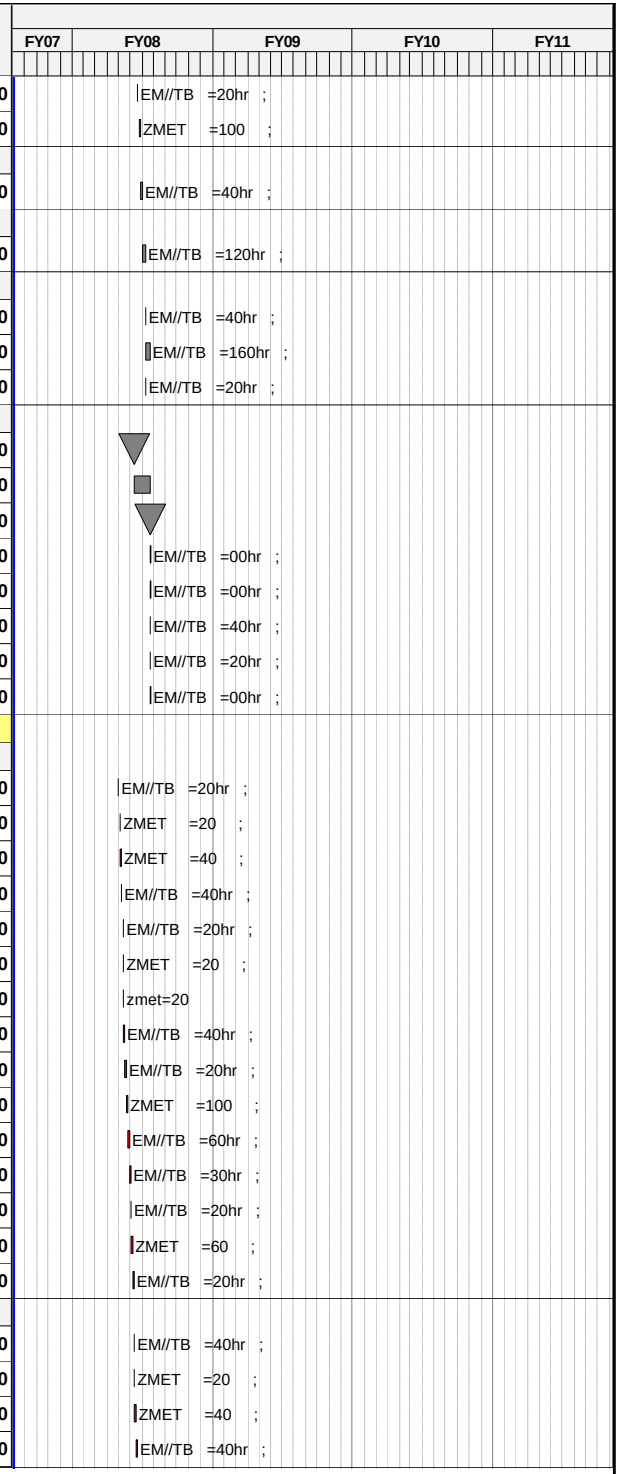
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
S25-4.02	Perform metrology set-up and checks	2	19AUG08	20AUG08		255	0.00
S25-4.03	Ready For Preassembly A5B5C5	0	21AUG08	20AUG08		255	0.00
Pre measurement of MCHP A6,B6,C6 flanges							
S26-1.01	Verify mating MC's of MCHP will come together	4	21AUG08	26AUG08		255	6,408.80
S26-1.02	Epoxy paint all close fitting interfacing surfac	3	27AUG08	29AUG08		255	4,806.60
S26-2.01	Set the A6 coil on fixture, A side flange down	1	02SEP08	02SEP08		255	1,602.20
S26-2.02	Align to the conical seats locking into min of 8	2	03SEP08	04SEP08		255	0.00
S26-2.03	Measure monuments on fixture and walls.	2	05SEP08	08SEP08		255	0.00
S26-2.04	Measure tooling ball monuments	1	09SEP08	09SEP08		255	0.00
S26-2.05	Scan the B flange of A6	1	10SEP08	10SEP08		255	0.00
S26-2.06	Flip A6 "B" side dwn scan scan flange A	5	11SEP08	17SEP08		255	8,011.00
S26-2.07	Remove A6 move to holding area.	1	18SEP08	18SEP08		255	1,602.20
S26-2.08	Set B6 coil on fixt, B flange down.	2	19SEP08	22SEP08		255	3,204.40
S26-2.09	Steps 2.02 thru 2.04 scan the "A" side flange.	5	23SEP08	29SEP08		255	0.00
S26-2.1	Remove B6 from stand and store coil.	1	30SEP08	30SEP08		255	1,602.20
S26-2.11	Set C6 on fixt, B flange down.	1	01OCT08	01OCT08		255	1,649.20
S26-2.12	Steps 2.02 thru 2.04 scan the "A" side flange.	5	02OCT08	08OCT08		255	0.00
S26-2.13	Remove C6 coil from stand and store coil.	1	09OCT08	09OCT08		255	1,649.20
S26-2.14	Set MCHP A6 coil on fix, A flange dw	1	10OCT08	10OCT08		255	1,649.20
S26-2.15	Steps 2.02 thru 2.04scan the "B" side flange.	5	13OCT08	17OCT08		255	0.00
S26-3.02	Compress alumina shims sort by thickness	4	20OCT08	23OCT08		255	4,947.60
S26-4.02	Perform metrology set-up and checks	2	24OCT08	27OCT08		255	0.00
S26-4.03	Ready For Preassembly A6B6C6	0	28OCT08	27OCT08		255	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	215	0.00
S21-5.01	Place A2 "B" side down. Obtain fiduals	2	24OCT07	25OCT07	1	215	3,204.40
S21-5.02	Align to the conical seats locking into 8.	1	26OCT07	26OCT07	1	215	0.00
S21-5.03	Meas monuments on fixture & walls.	2	29OCT07	30OCT07	1	215	0.00
S21-5.04	Place shims on coil identical to A1-A2 fit up	1	31OCT07	31OCT07	1	215	801.10
S21-5.05	Install dial indicators on the MC to see deflec	1	01NOV07	01NOV07	1	215	3,204.40
S21-5.06	Lower mating A1 modular coil into position.	1	02NOV07	02NOV07	1	215	1,602.20
S21-5.07	Meas monuments bottom coil. Jack to .002"	1	05NOV07	05NOV07	1	215	1,602.20
S21-5.08	Using 3 points, position as was done inA1A2 fit	1	06NOV07	06NOV07	1	215	1,602.20
S21-5.09	Torque to 50%	2	07NOV07	08NOV07	1	215	3,204.40
S21-5.1	Make "wiggle" test Tighten bolt and recheck.	1	09NOV07	09NOV07	1	215	1,602.20
S21-5.11	Meas tooling balls both coils.	5	12NOV07	16NOV07	1	215	0.00
S21-5.12	Adjust shims locally. Re-torque all studs to 50%	3	19NOV07	21NOV07	1	215	4,806.60
S21-5.14	Install A-A locator bushings	2	22NOV07	23NOV07	1	215	3,204.40
S21-5.15	Remove studs,nuts,shims. Identify shim locations	1	26NOV07	26NOV07	1	215	1,602.20



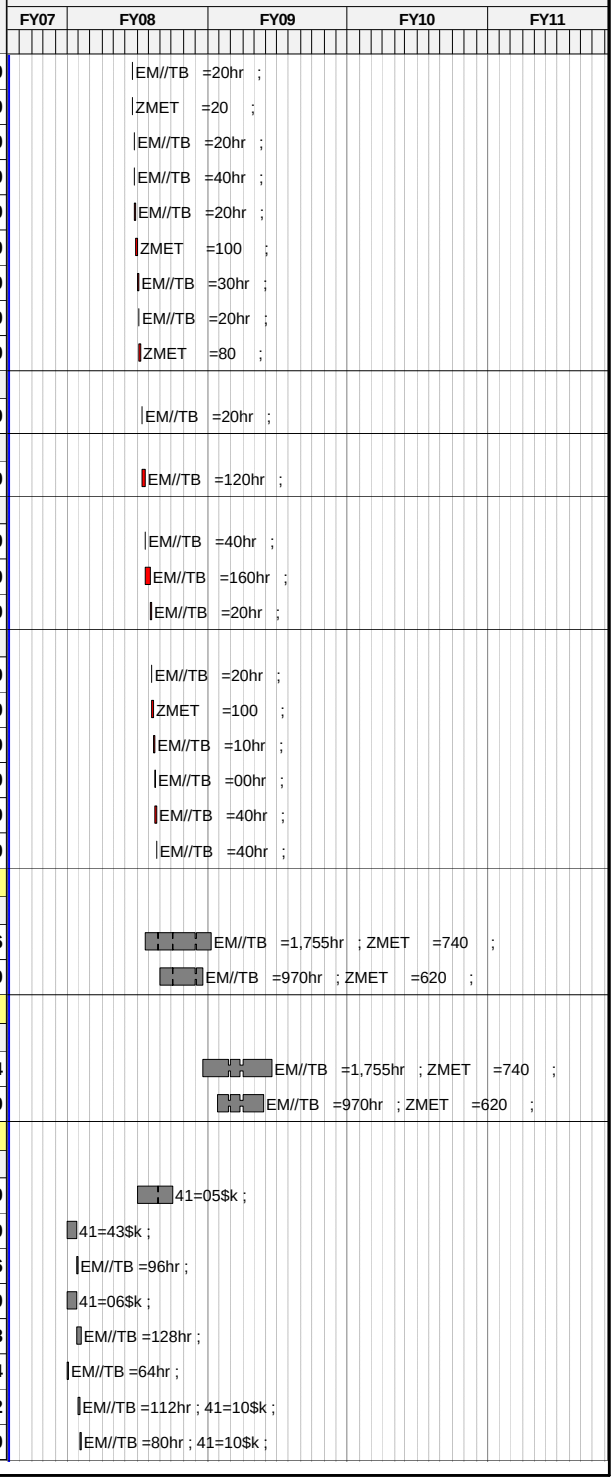
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
A-B Assembly							
S21-6.01	Place Type A "A" side down. Obtain fiduals	2	27NOV07	28NOV07	1	215	3,204.40
S21-6.02	Align to the conical seats locking into 8.	1	03DEC07	03DEC07	1	215	0.00
S21-6.03	Meas monuments on fixture & walls.	2	04DEC07	05DEC07	1	215	0.00
S21-6.04	Place the an initial set shims on coil	2	06DEC07	07DEC07	1	215	3,204.40
S21-6.041	Stuff shim bag w/fiberglass & place on wing	1	10DEC07	10DEC07	1	215	400.55
S21-6.05	Lower the Type-B coil onto the Type-A coil.	1	11DEC07	11DEC07	1	215	1,602.20
S21-6.06	Measure monuments on A coil. Jack to .002”	1	12DEC07	12DEC07	1	215	1,602.20
S21-6.061	instl dial indicators for x-y positioning	1	13DEC07	13DEC07	1	215	1,602.20
S21-6.07	Perform the X-Y positioning of the B coil.	1	14DEC07	14DEC07	1	215	1,602.20
S21-6.08	Install remaining metal shims torque to 50%	2	17DEC07	18DEC07	1	215	3,204.40
S21-6.09	Make "wiggle" test Tighten bolt and recheck.	1	19DEC07	19DEC07	1	215	1,602.20
S21-6.1	Measure the tooling balls on both coils.	5	20DEC07	04JAN08	1	215	0.00
S21-6.11	Loosen studs, adjust shims. Re-torque to 50%.	3	07JAN08	09JAN08	1	215	4,806.60
S21-6.12	Install alumina shims. Re-torque to 50%.	1	10JAN08	10JAN08	1	215	1,602.20
S21-6.13	Make "wiggle" test Tighten bolt and recheck.	1	11JAN08	11JAN08	1	215	1,602.20
S21-6.14	Measuretooling balls . The max devi .007” .	5	14JAN08	18JAN08	1	215	0.00
S21-6.15	Loosen studs, adjust shims. Re-torque to 50%.	3	21JAN08	23JAN08	1	215	4,806.60
S21-6.16	Install bushing. Tighten back to 50%	2	24JAN08	25JAN08	1	215	2,403.30
S21-6.17	Complete tightening of flange bolts to 100%.	1	28JAN08	28JAN08	1	215	1,602.20
S21-6.18	Measuretooling balls . The max devi .007” .	2	29JAN08	30JAN08	1	215	0.00
S21-6.19	Scan the “B” flange of Type-B coil	1	31JAN08	31JAN08	1	215	1,602.20
AB - C Assembly							
S21-7.01	Place “A/B” assy, “A” coil dwn, on 40deg fix.	3	01FEB08	05FEB08	1	225	4,806.60
S21-7.02	Align to the conical seats locking into a min of	1	06FEB08	06FEB08	1	225	0.00
S21-7.03	Measure the monuments on the fixture & the walls	2	07FEB08	08FEB08	1	225	0.00
S21-7.04	Place initial set metal shims on the coil	2	11FEB08	12FEB08	1	225	3,204.40
S21-7.05	Lower the Type-C coil onto the Type-B coil.	1	13FEB08	13FEB08	1	225	1,602.20
S21-7.06	Meas monuments on A coil to eval displacement.	1	14FEB08	14FEB08	1	225	0.00
S21-7.07	Perform the X-Y positioning of the coil.	1	15FEB08	15FEB08	1	225	1,602.20
S21-7.08	Install remaining metal shims torque to 50%	2	18FEB08	19FEB08	1	225	3,204.40
S21-7.09	"wiggle" test Tighten bolt and recheck.	1	20FEB08	20FEB08	1	225	1,602.20
S21-7.1	Measure the tooling balls on all coils.	5	21FEB08	27FEB08	1	225	0.00
S21-7.11	adjust shims locally. Re-torque all studs to 50%	3	28FEB08	03MAR08	1	225	4,806.60
S21-7.12	Iinstall alumina shims. Re-torque all studs to	1	04MAR08	04MAR08	1	225	1,602.20
S21-7.13	"wiggle" test Tighten bolt and recheck.	1	05MAR08	05MAR08	1	225	1,602.20
S21-7.14	Measure the tooling balls on all coils.	5	06MAR08	12MAR08	1	225	8,011.00
S21-7.15	adjust shims locally. Re-torque all studs to 50	3	13MAR08	17MAR08	1	225	4,806.60
S21-7.16	Install bushing.	2	18MAR08	19MAR08	1	225	2,403.30
S21-7.17	Complete tightening of flange bolts to 100%.	1	20MAR08	20MAR08	1	225	1,602.20



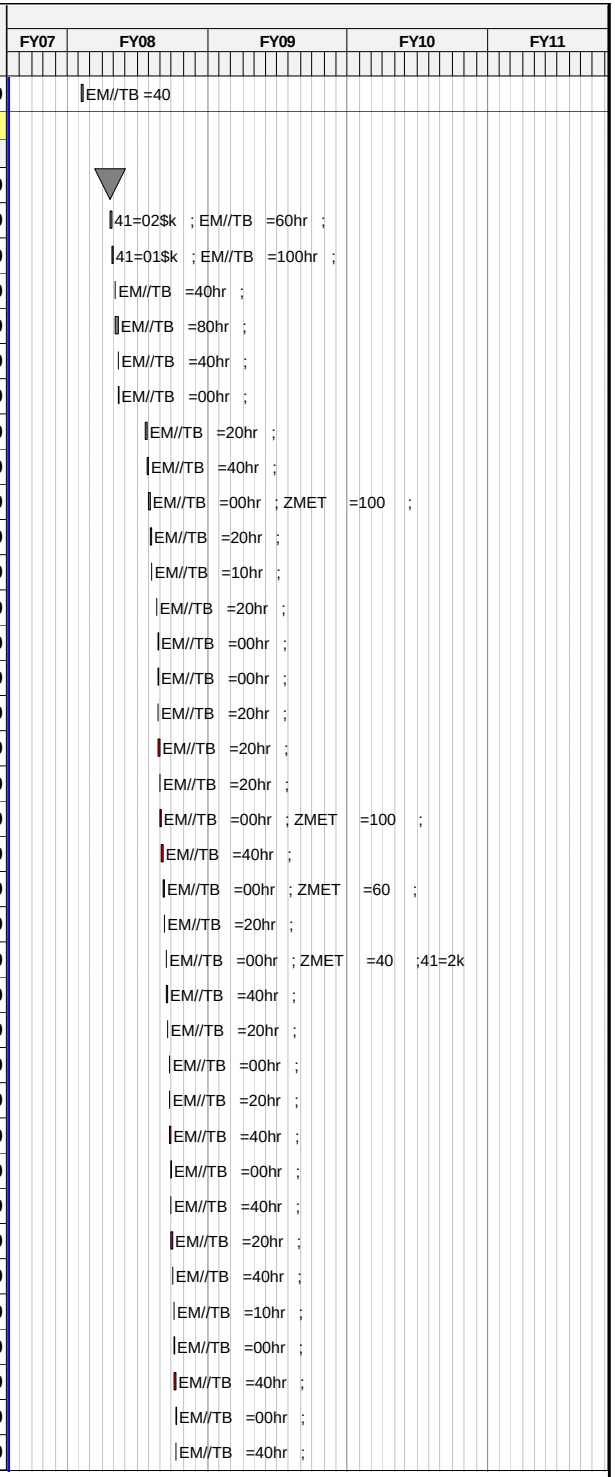
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
S21-11.01	Identify primary fiducials for positioning Sta 3	1	21MAR08	21MAR08	1	225	1,602.20
S21-7.18	Final metrology meas. Scan “B” flangeType-C coil	5	24MAR08	28MAR08	1	225	0.00
Tack Weld Inboard Welded hims							
S21-8.01	Tack weld inboard shims	2	31MAR08	01APR08	1	225	3,204.40
Install Trim Coil							
S21-9.01	Install trim coil	6	02APR08	09APR08	1	225	9,613.20
Complete Local Service & interface details							
S21-10.01	Install all wing support bladders	2	10APR08	11APR08	1	231	3,204.40
S21-10.02	Make local service runs/connections	8	10APR08	21APR08	1	225	12,817.60
S21-10.03	Inject stycast in all shim spaces	1	10APR08	10APR08	1	232	1,602.20
Final Measurements/Transfer to Holding Area							
DOE-1	Notify DOE of scheduled station 3 lifts	0		12MAR08	1	225	0.00
DOE-2	DOE review lift procedures	30	13MAR08	23APR08	1	225	0.00
DOE-3	DOE approval of scheduled station 3 lifts	0		23APR08	1	225	0.00
S21-11.03	Measure bolt length on all tension fasteners	0	24APR08	23APR08	1	225	0.00
S21-11.04	Mark part for identification	0	24APR08	23APR08	1	225	0.00
S21-11.05	Install lift support beams	2	22APR08	23APR08	1	225	3,204.40
S21-11.06	Remove from stand & measure weight of assy	1	24APR08	24APR08	1	225	1,602.20
S21-11.07	Move A1-B1-C1 to holding area.	0	25APR08	24APR08	1	225	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	01FEB08	01FEB08	1	215	1,602.20
S22-6.02	Align to the conical seats locking into a min of	1	04FEB08	04FEB08	1	215	0.00
S22-6.03	Measure monuments on fixture and on the walls.	2	05FEB08	06FEB08	1	215	0.00
S22-6.04	Place alumina grind inboard weld shims on coil.	2	07FEB08	08FEB08	1	215	3,204.40
S22-6.05	Lower the Type-B coil onto the Type-A coil.	1	11FEB08	11FEB08	1	215	1,602.20
S22-6.06	Meas monuments on A coil. Jack to within .002”	1	12FEB08	12FEB08	1	215	0.00
S22-6.07	Perform the X-Y positioning of the B coil.	1	13FEB08	13FEB08	1	215	0.00
S22-6.08	Install studs, supernuts, torque to 50% of final	2	14FEB08	15FEB08	1	215	3,204.40
S22-6.09	"wiggle" test Tighten bolt and recheck.	1	18FEB08	18FEB08	1	215	1,602.20
S22-6.1	Meas tooling balls on both coils. max devi .007”	5	19FEB08	25FEB08	1	215	0.00
S22-6.11	adjust shims locally. Re-torque all studs to 50%	3	26FEB08	28FEB08	1	215	4,806.60
S22-6.12	Install bushing.	2	29FEB08	03MAR08	1	215	2,403.30
S22-6.13	Complete tightening of flange bolts to 100%.	1	04MAR08	04MAR08	1	215	1,602.20
S22-6.14	Measure the tooling balls on both coils.	3	05MAR08	07MAR08	1	215	0.00
S22-6.15	Scan the “B” flange of Type-B coil	1	10MAR08	10MAR08	1	215	1,602.20
AB - C Assembly							
S22-7.01	“A/B” assy “A” coil dwn, 40deg fixt.Obtain fiduc	2	11MAR08	12MAR08	1	215	3,204.40
S22-7.02	Align to the conical seats locking into min of 8	1	13MAR08	13MAR08	1	215	0.00
S22-7.03	Measure monuments on fixture and walls.	2	14MAR08	17MAR08	1	215	0.00
S22-7.04	Place alumin grind inboard weld shims on coil.	2	18MAR08	19MAR08	1	215	3,204.40



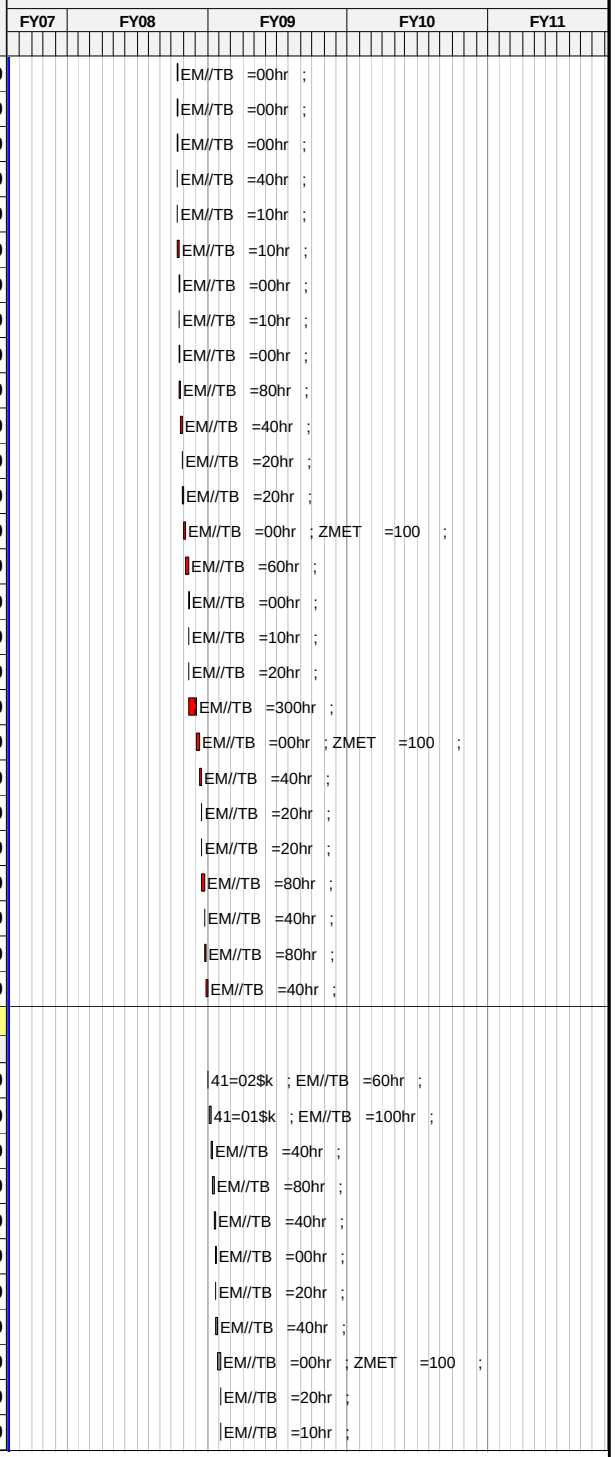
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
S22-7.05	Lower the Type-C coil onto the Type-B coil.	1	20MAR08	20MAR08	1	215	1,602.20
S22-7.06	Meas monuments on A coil for displacements.	1	21MAR08	21MAR08	1	215	0.00
S22-7.07	Perform the X-Y positioning of the coil.	1	24MAR08	24MAR08	1	215	1,602.20
S22-7.08	Install studs, supernuts, torque to 50% of fina	2	25MAR08	26MAR08	1	215	3,204.40
S22-7.09	"wiggle" test Tighten bolt and recheck.	1	27MAR08	27MAR08	1	215	1,602.20
S22-7.1	Measure the tooling balls on all coils.	5	28MAR08	03APR08	1	215	0.00
S22-7.11	Install bushing. Replace nut and tighten to 50%	1	04APR08	04APR08	1	215	2,403.30
S22-7.12	Complete tightening of flange bolts to 100%.	1	07APR08	07APR08	1	215	1,602.20
S22-7.13	Measure the tooling balls on both coils.	4	08APR08	11APR08	1	215	0.00
Tack Weld Inboard Welded hims							
S22-8.01	Tack weld all inboard shims to one flange	1	14APR08	14APR08	1	215	1,602.20
Install Trim Coil							
S22-9.01	Install trim coil	6	15APR08	22APR08	1	215	9,613.20
Complete Local Service & interface details							
S22-10.01	Install all wing support bladders	2	23APR08	24APR08	1	215	3,204.40
S22-10.02	local service connections on each MC.	8	25APR08	06MAY08	1	215	12,817.60
S22-10.03	Inject stycast to fill in all shim spaces	1	07MAY08	07MAY08	1	215	1,602.20
Final Measurements/Transfer to Holding Area							
S22-11.01	Install or identify three primary fiducials	1	08MAY08	08MAY08	1	215	1,602.20
S22-11.02	Final metrology measurement of all fiducials.	5	09MAY08	15MAY08	1	215	0.00
S22-11.03	Tension tester measure bolt length	1	16MAY08	16MAY08	1	215	801.10
S22-11.04	Mark part for identification	0	19MAY08	16MAY08	1	215	0.00
S22-11.05	Install lift support beams	2	19MAY08	20MAY08	1	215	3,204.40
S22-11.06	Remove from stand Move A2-B2-C2 to holding area	2	21MAY08	22MAY08	1	215	3,204.40
Station 2-Modular Coil Subassembly-FP#2							
S23-A3B3C3	Assemble/Align Mod-Coils A3/B3/C3	118	25APR08	10OCT08	1	231	140,872.66
S24-A4B4C4	Assemble/Align Mod-Coils A4/B4/C4	79	30MAY08	19SEP08	1	237	77,706.70
Station 2-Modular Coil Subassembly-FP#3							
S25-A5B5C5	Assemble/Align Mod-Coils A5/B5/C5	118	22SEP08*	17MAR09	1	237	144,472.64
S26-A6B6C6	Assemble/Align Mod-Coils A6/B6/C6	79	28OCT08*	26FEB09	1	255	79,986.20
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	326	56,244.00
R1810-3106	Load test 3 ledded actuator system	3	29OCT07	31OCT07	1	326	7,690.56
R1810-3108	Procure ,Fabricate 3 legged actuator lift fixtur	20	01OCT07*	26OCT07	1	321	7,848.00
R1810-3112	Load Test 3 legged actuator lift fixtur	8	29OCT07	07NOV07	1	321	10,254.08
R1810-3150	Fab New legs	4	01OCT07*	04OCT07	1	335	5,127.04
R1810-3103	Install station 3 platforms (8 required)	4	30OCT07	02NOV07	1	318	22,052.32
R1810-3107	Test out station 3 equipment and procedures	4	05NOV07	08NOV07	1	318	13,080.00



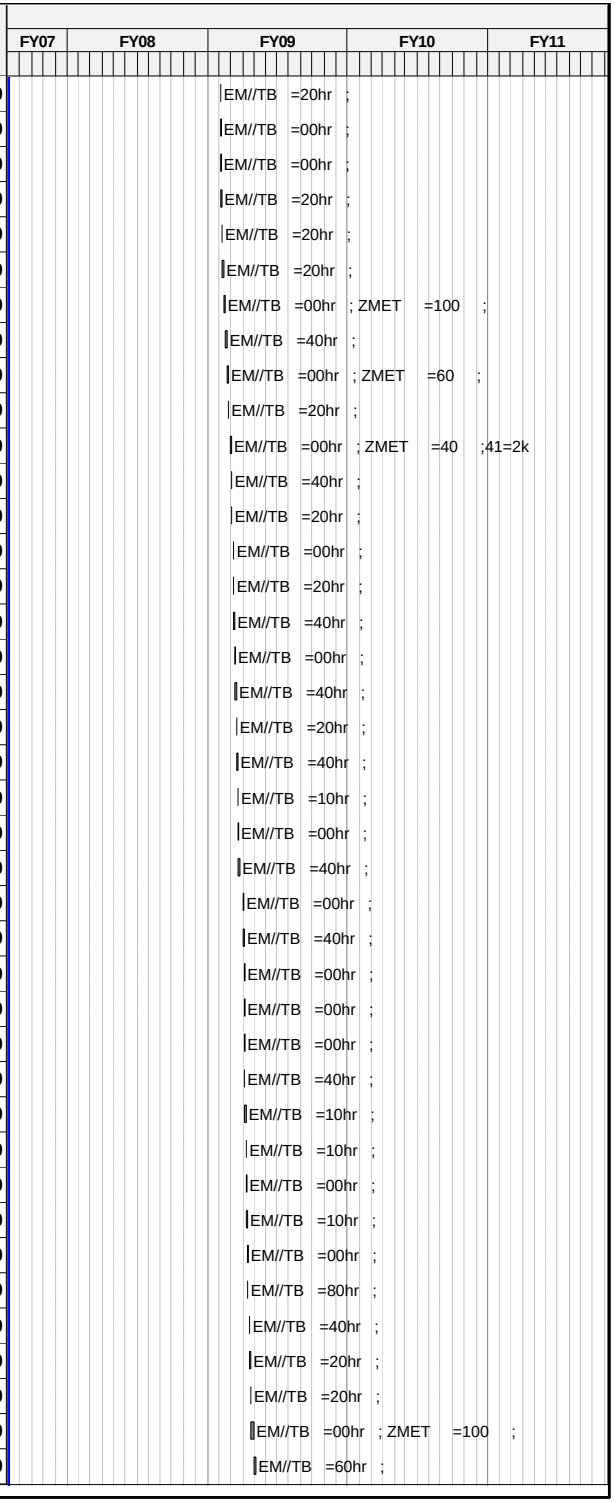
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
R1810-3109	Begin assy of first field period assy	2	09NOV07	12NOV07	1	318	52,320.00
Station 3-Assemble Mod Coils and VVSA-FP#1							
R1810-2109	Begin Station 3	0	23JAN08		1	276	0.00
S31-1.01	Install Station 3 site monuments	3	23JAN08	25JAN08	1	276	7,422.60
S31-1.02	Install floor mounted tracks and VV base support	5	28JAN08	01FEB08	1	276	9,319.00
S31-1.03	Establish the MCHP CG location.	2	04FEB08	05FEB08	1	276	3,204.40
S31-2.01	Install MCHP support cart assemblies	4	06FEB08	11FEB08	1	276	6,408.80
S31-2.02	Verify cart motion.	2	12FEB08	13FEB08	1	276	3,204.40
S31-2.03	Install adjustor bar support weldment	0	14FEB08	13FEB08	1	276	0.00
S31-2.04	Position left MCHP on the cart assembly	1	25APR08	25APR08	1	225	1,602.20
S31-2.05	Secure left MCHP on support cart base.	2	28APR08	29APR08	1	225	3,204.40
S31-2.06	Measure monuments on left MCHP and walls	5	30APR08	06MAY08	1	225	0.00
S31-2.07	Set positioning stop on the cart	1	07MAY08	07MAY08	1	225	1,602.20
S31-3.01	Move right base support cart to its final positi	1	08MAY08	08MAY08	1	225	801.10
S31-3.02	Lift the right side MCHP and position	1	23MAY08	23MAY08	1	215	1,602.20
S31-3.03	Temporary fasteners bring the parts together.	0	27MAY08	23MAY08	1	215	0.00
S31-3.04	AirLoc Wedgemount leveler to take load.	0	27MAY08	23MAY08	1	215	0.00
S31-3.05	Install temp scaffolding to install flange hw	1	27MAY08	27MAY08	1	215	1,602.20
S31-3.06	Install bolts and shims	1	28MAY08	28MAY08	1	215	1,602.20
S31-3.07	Tighten flange fasteners to 50%	1	29MAY08	29MAY08	1	215	1,602.20
S31-3.08	Perform metrology measurements	5	30MAY08	05JUN08	1	215	0.00
S31-3.09	Perform position adjust on right side MCHP	2	06JUN08	09JUN08	1	215	3,204.40
S31-3.1	Verify position of the VV support hanger	3	10JUN08	12JUN08	1	215	0.00
S31-3.11	Remove flange hardware and temp platforms	1	13JUN08	13JUN08	1	215	1,602.20
S31-4.01	EMeasure monuments on the MCHP's &walls.	2	16JUN08	17JUN08	1	215	2,616.00
S31-4.02	Place all of the laser screens	2	18JUN08	19JUN08	1	215	3,204.40
S31-4.03	Determine laser alignment.	1	20JUN08	20JUN08	1	215	1,602.20
S31-4.04	mount the milar on the screens.	1	23JUN08	23JUN08	1	215	0.00
S31-4.05	Disengage MCHP's to move the left MCHP.	1	24JUN08	24JUN08	1	215	1,602.20
S31-4.06	Remove both MCHP's.	2	25JUN08	26JUN08	1	215	3,204.40
S31-5.01	Remove the adjustor bar support from left side.	0	27JUN08	26JUN08	1	215	0.00
S31-5.02	Install VV NBI port support stand.	2	27JUN08	30JUN08	1	215	3,204.40
S31-5.03	Install VVSA to base support	1	01JUL08	01JUL08	1	215	1,602.20
S31-5.04	Secure the VVSA to base & NBI port sprt stand.	2	02JUL08	03JUL08	1	215	3,204.40
S31-6.01	Install bumper protection components on the VV	1	07JUL08	07JUL08	1	215	801.10
S31-6.02	Position AirLoc Wedgemount in lower position.	0	08JUL08	07JUL08	1	215	0.00
S31-6.03	move the left MCHP over the VV.	2	08JUL08	09JUL08	1	215	3,204.40
S31-6.04	Re-install the left adjustor bar.	0	10JUL08	09JUL08	1	215	0.00
S31-6.05	Make adjustments to properly align MCHP.	2	10JUL08	11JUL08	1	215	3,204.40



Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
S31-6.06	Transfer load to the AirLoc Wedgemount leveler.	0	14JUL08	11JUL08	1	215	0.00
S31-6.07	move the MCHP to the left 1/2".	0	14JUL08	11JUL08	1	215	0.00
S31-7.01	Position AirLoc Wedgemount lowered position.	0	14JUL08	11JUL08	1	215	0.00
S31-7.02	move the right MCHP over the VV	2	14JUL08	15JUL08	1	215	3,204.40
S31-7.03	move the left MCHP to its final position.	1	16JUL08	16JUL08	1	215	801.10
S31-7.04	engage the preinstalled Type-A flange bushings.	1	17JUL08	17JUL08	1	215	801.10
S31-7.05	Temporary fasteners bring the parts together.	0	18JUL08	17JUL08	1	215	0.00
S31-7.06	AirLoc Wedgemount leveler up to take the load.	1	18JUL08	18JUL08	1	215	801.10
S31-7.07	Remove laser screens	0	21JUL08	18JUL08	1	215	0.00
S31-7.08	Install temp scaffolding to install flange hw	4	21JUL08	24JUL08	1	215	6,408.80
S31-7.09	Install bolts, alumina and inboard weld shims.	2	25JUL08	28JUL08	1	215	3,204.40
S31-7.1	Tighten flange fasteners to 50%	1	29JUL08	29JUL08	1	215	1,602.20
S31-7.11	"wiggle" test Tighten bolt and recheck.	1	30JUL08	30JUL08	1	215	1,602.20
S31-7.12	Perform metrology measurements	5	31JUL08	06AUG08	1	215	0.00
S31-7.13	Perform position adjustments right side MCHP	3	07AUG08	11AUG08	1	215	4,806.60
S31-7.14	Remove SISSCO actuator from right MCHP.	0	12AUG08	11AUG08	1	215	0.00
S31-7.15	Install bushing.	1	12AUG08	12AUG08	1	215	801.10
S31-7.16	Tighten nuts 100%. & Measure	1	13AUG08	13AUG08	1	215	1,602.20
S31-8.01	partially weld the inboard shim.	15	14AUG08	04SEP08	1	215	24,033.00
S31-8.02	Final complete MC scan verify period alignment.	5	05SEP08	11SEP08	1	215	0.00
S31-9.01	Attach VV permanent vertical supports	2	12SEP08	15SEP08	1	215	3,204.40
S31-9.02	Attach temporary VV vertical supports	1	16SEP08	16SEP08	1	215	1,602.20
S31-9.03	Transfer load to vertical supports.	1	17SEP08	17SEP08	1	215	1,602.20
S31-9.04	Install VV lateral supports and align	4	18SEP08	23SEP08	1	215	6,408.80
S31-9.05	Prepare VVSA for transport.	2	24SEP08	25SEP08	1	215	3,204.40
S31-10.01	transfer the unit to the transfer support frame	2	26SEP08	29SEP08	1	215	6,408.80
S31-10.02	Transfer Period 1 to Station 5 in NCSX TC	1	30SEP08	30SEP08	1	215	3,204.40
Station 3-Assemble Mod Coils and VVSA-FP#2							
S32-1.01	Install Station 3 site monuments	3	01OCT08	03OCT08	1	223	7,741.60
S32-1.02	Install floor mounted tracks and VV base support	5	06OCT08	10OCT08	1	223	9,643.00
S32-1.03	Establish the MCHP CG location.	2	13OCT08	14OCT08	1	223	3,298.40
S32-2.01	Install MCHP support cart assemblies	4	15OCT08	20OCT08	1	223	6,596.80
S32-2.02	Verify cart motion.	2	21OCT08	22OCT08	1	223	3,298.40
S32-2.03	Install adjustor bar support weldment	0	23OCT08	22OCT08	1	223	0.00
S32-2.04	Position left MCHP on the cart assembly	1	23OCT08	23OCT08	1	223	1,649.20
S32-2.05	Secure left MCHP on support cart base.	2	24OCT08	27OCT08	1	223	3,298.40
S32-2.06	Measure monuments on left MCHP and walls	5	28OCT08	03NOV08	1	223	0.00
S32-2.07	Set positioning stop on the cart	1	04NOV08	04NOV08	1	223	1,649.20
S32-3.01	Move right base support cart to its final positi	1	05NOV08	05NOV08	1	223	824.60



Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
S32-3.02	Lift the right side MCHP and position	1	06NOV08	06NOV08	1	223	1,649.20
S32-3.03	Temporary fasteners bring the parts together.	0	07NOV08	06NOV08	1	223	0.00
S32-3.04	AirLoc Wedgemount leveler to take load.	0	07NOV08	06NOV08	1	223	0.00
S32-3.05	Install temp scaffolding to install flange hw	1	07NOV08	07NOV08	1	223	1,649.20
S32-3.06	Install bolts and shims	1	10NOV08	10NOV08	1	223	1,649.20
S32-3.07	Tighten flange fasteners to 50%	1	11NOV08	11NOV08	1	223	1,649.20
S32-3.08	Perform metrology measurements	5	12NOV08	18NOV08	1	223	0.00
S32-3.09	Perform position adjust on right side MCHP	2	19NOV08	20NOV08	1	223	3,298.40
S32-3.1	Verify position of the VV support hanger	3	21NOV08	25NOV08	1	223	0.00
S32-3.11	Remove flange hardware and temp platforms	1	26NOV08	26NOV08	1	223	1,649.20
S32-4.01	EMeasure monuments on the MCHP's &walls.	2	01DEC08	02DEC08	1	223	2,794.00
S32-4.02	Place all of the laser screens	2	03DEC08	04DEC08	1	223	3,298.40
S32-4.03	Determine laser alignment.	1	05DEC08	05DEC08	1	223	1,649.20
S32-4.04	mount the milar on the screens.	1	08DEC08	08DEC08	1	223	0.00
S32-4.05	Disengage MCHP's to move the left MCHP.	1	09DEC08	09DEC08	1	223	1,649.20
S32-4.06	Remove both MCHP's.	2	10DEC08	11DEC08	1	223	3,298.40
S32-5.01	Remove the adjustor bar support from left side.	0	12DEC08	11DEC08	1	223	0.00
S32-5.02	Install VV NBI port support stand.	2	12DEC08	15DEC08	1	223	3,298.40
S32-5.03	Install VVSA to base support	1	16DEC08	16DEC08	1	223	1,649.20
S32-5.04	Secure the VVSA to base & NBI port sprt stand.	2	17DEC08	18DEC08	1	223	3,298.40
S32-6.01	Install bumper protection components on the VV	1	19DEC08	19DEC08	1	223	824.60
S32-6.02	Position AirLoc Wedgemount in lower position.	0	22DEC08	19DEC08	1	223	0.00
S32-6.03	move the left MCHP over the VV.	2	22DEC08	23DEC08	1	223	3,298.40
S32-6.04	Re-install the left adjustor bar.	0	02JAN09	23DEC08	1	223	0.00
S32-6.05	Make adjustments to properly align MCHP.	2	02JAN09	05JAN09	1	223	3,298.40
S32-6.06	Transfer load to the AirLoc Wedgemount leveler.	0	06JAN09	05JAN09	1	223	0.00
S32-6.07	move the MCHP to the left 1/2".	0	06JAN09	05JAN09	1	223	0.00
S32-7.01	Position AirLoc Wedgemount lowered position.	0	06JAN09	05JAN09	1	223	0.00
S32-7.02	move the right MCHP over the VV	2	06JAN09	07JAN09	1	223	3,298.40
S32-7.03	move the left MCHP to its final position.	1	08JAN09	08JAN09	1	223	824.60
S32-7.04	engage the preinstalled Type-A flange bushings.	1	09JAN09	09JAN09	1	223	824.60
S32-7.05	Temporary fasteners bring the parts together.	0	12JAN09	09JAN09	1	223	0.00
S32-7.06	AirLoc Wedgemount leveler up to take the load.	1	12JAN09	12JAN09	1	223	824.60
S32-7.07	Remove laser screens	0	13JAN09	12JAN09	1	223	0.00
S32-7.08	Install temp scaffolding to install flange hw	4	13JAN09	16JAN09	1	223	6,596.80
S32-7.09	Install bolts, alumina and inboard weld shims.	2	19JAN09	20JAN09	1	223	3,298.40
S32-7.1	Tighten flange fasteners to 50%	1	21JAN09	21JAN09	1	223	1,649.20
S32-7.11	"wiggle" test Tighten bolt and recheck.	1	22JAN09	22JAN09	1	223	1,649.20
S32-7.12	Perform metrology measurements	5	23JAN09	29JAN09	1	223	0.00
S32-7.13	Perform position adjustments right side MCHP	3	30JAN09	03FEB09	1	223	4,947.60



Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
S32-7.14	Remove SISSCO actuator from right MCHP.	0	04FEB09	03FEB09	1	223	0.00
S32-7.15	Install bushing.	1	04FEB09	04FEB09	1	223	824.60
S32-7.16	Tighten nuts 100%. & Measure	1	05FEB09	05FEB09	1	223	1,649.20
S32-8.01	partially weld the inboard shim.	15	06FEB09	26FEB09	1	223	24,738.00
S32-8.02	Final complete MC scan verify period alignment.	5	27FEB09	05MAR09	1	223	0.00
S32-9.01	Attach VV permanent vertical supports	2	06MAR09	09MAR09	1	223	3,298.40
S32-9.02	Attach temporary VV vertical supports	1	10MAR09	10MAR09	1	223	1,649.20
S32-9.03	Transfer load to vertical supports.	1	11MAR09	11MAR09	1	223	1,649.20
S32-9.04	Install VV lateral supports and align	4	12MAR09	17MAR09	1	223	6,596.80
S32-9.05	Prepare VVSA for transport.	2	18MAR09	19MAR09	1	223	3,298.40
S32-10.01	transfer the unit to the transfer support frame	2	20MAR09	23MAR09	1	223	6,596.80
S32-10.02	Transfer Period 2 to Station 5 in NCSX TC	1	24MAR09	24MAR09	1	223	3,298.40
Station 3-Assemble Mod Coils and VVSA-FP#3							
S33-1.01	Install Station 3 site monuments	2	25MAR09	26MAR09	2	223	7,741.60
S33-1.02	Install floor mounted tracks and VV base support	3	27MAR09	31MAR09	2	223	9,643.00
S33-1.03	Establish the MCHP CG location.	1	01APR09	01APR09	2	223	3,298.40
S33-2.01	Install MCHP support cart assemblies	2	02APR09	03APR09	2	223	6,596.80
S33-2.02	Verify cart motion.	1	06APR09	06APR09	2	223	3,298.40
S33-2.03	Install adjustor bar support weldment	0	07APR09	06APR09	2	223	0.00
S33-2.04	Position left MCHP on the cart assembly	1	07APR09	07APR09	2	223	1,649.20
S33-2.05	Secure left MCHP on support cart base.	1	08APR09	08APR09	2	223	3,298.40
S33-2.06	Measure monuments on left MCHP and walls	2	09APR09	10APR09	2	223	0.00
S33-2.07	Set positioning stop on the cart	1	13APR09	13APR09	2	223	1,649.20
S33-3.01	Move right base support cart to its final positi	0	14APR09	13APR09	2	223	0.00
S33-3.02	Lift the right side MCHP and position	1	14APR09	14APR09	2	223	2,473.80
S33-3.03	Temporary fasteners bring the parts together.	0	15APR09	14APR09	2	223	0.00
S33-3.04	AirLoc Wedgemount leveler to take load.	0	15APR09	14APR09	2	223	0.00
S33-3.05	Install temp scaffolding to install flange hw	1	15APR09	15APR09	2	223	1,649.20
S33-3.06	Install bolts and shims	1	16APR09	16APR09	2	223	1,649.20
S33-3.07	Tighten flange fasteners to 50%	1	17APR09	17APR09	2	223	1,649.20
S33-3.08	Perform metrology measurements	1	20APR09	20APR09	2	223	0.00
S33-3.09	Perform position adjust on right side MCHP	1	21APR09	21APR09	2	223	3,298.40
S33-3.1	Verify position of the VV support hanger	1	22APR09	22APR09	2	223	0.00
S33-3.11	Remove flange hardware and temp platforms	1	23APR09	23APR09	2	223	1,649.20
S33-4.01	EMeasure monuments on the MCHP's &walls.	1	24APR09	24APR09	2	223	2,794.00
S33-4.02	Place all of the laser screens	1	27APR09	27APR09	2	223	3,298.40
S33-4.03	Determine laser alignment.	1	28APR09	28APR09	2	223	1,649.20
S33-4.04	mount the milar on the screens.	1	29APR09	29APR09	2	223	0.00
S33-4.05	Disengage MCHP's to move the left MCHP.	1	30APR09	30APR09	2	223	1,649.20

FY07 FY08 FY09 FY10 FY11

EM//TB =00hr ;
EM//TB =10hr ;
EM//TB =20hr ;
EM//TB =300hr ;
EM//TB =00hr ; ZMET =100 ;
EM//TB =40hr ;
EM//TB =20hr ;
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EM//TB =00hr ;
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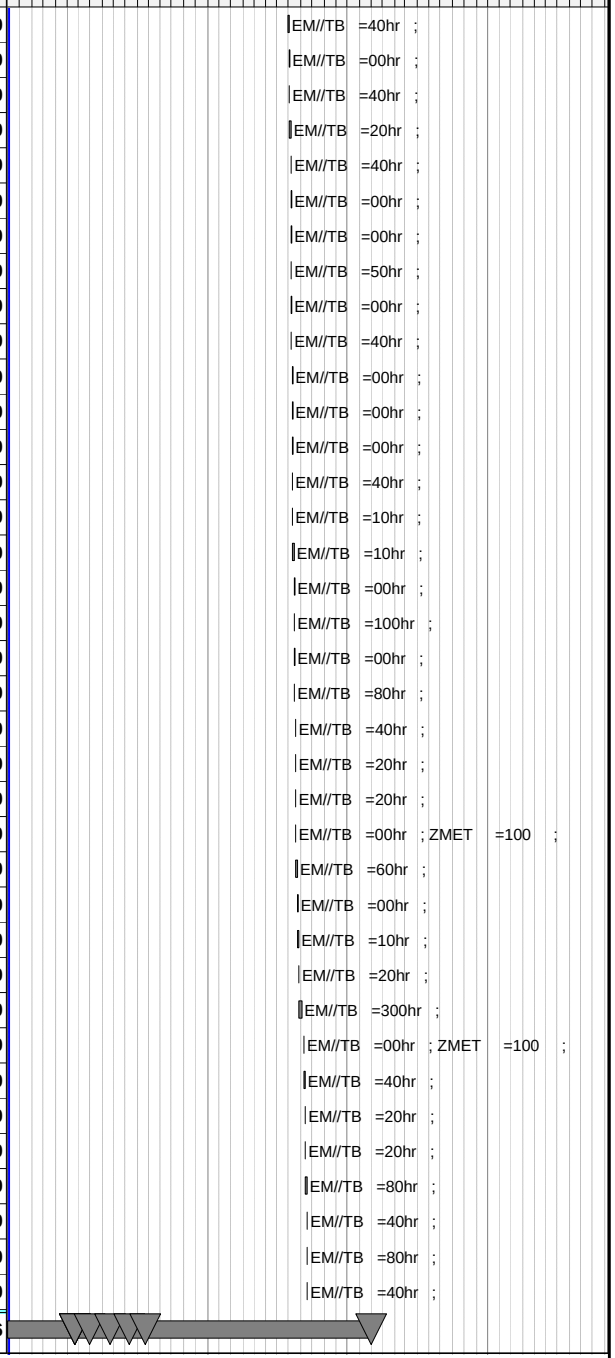
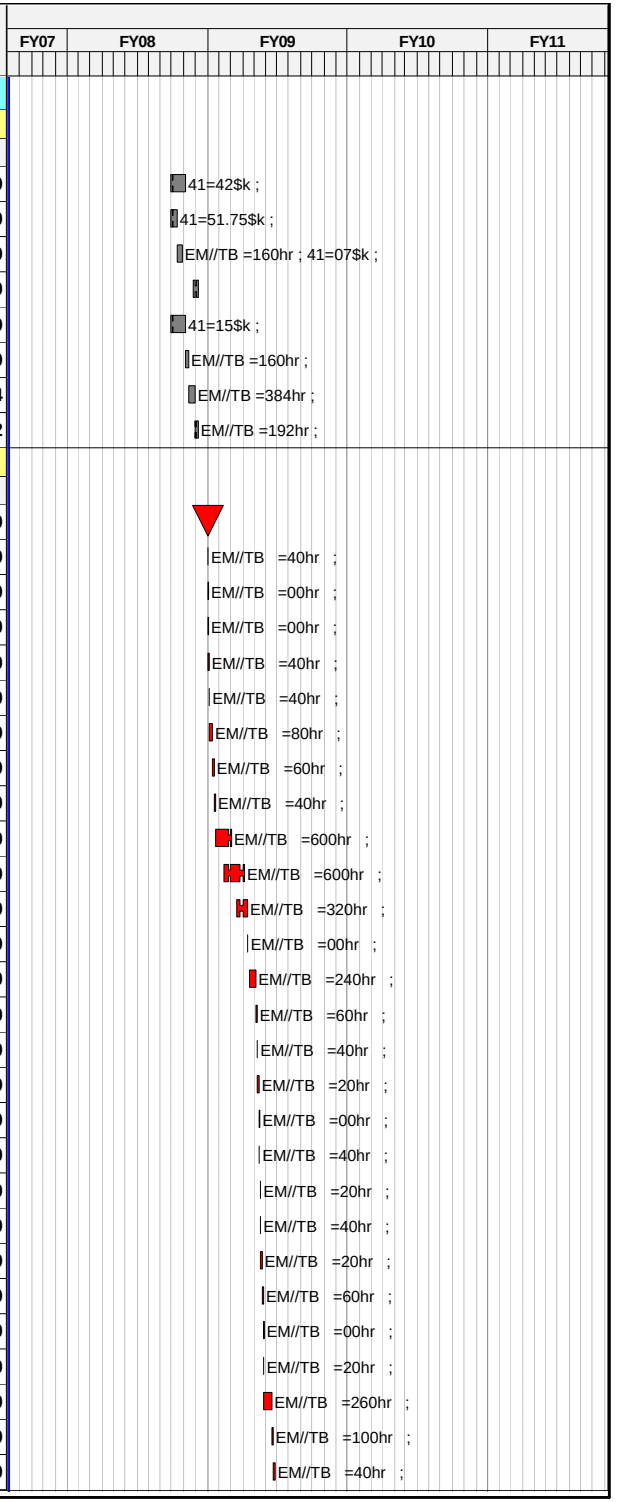
EM//TB =20hr ;
EM//TB =00hr ; ZMET =40 ;41=2k
EM//TB =40hr ;
EM//TB =20hr ;
EM//TB =00hr ;
EM//TB =20hr ;

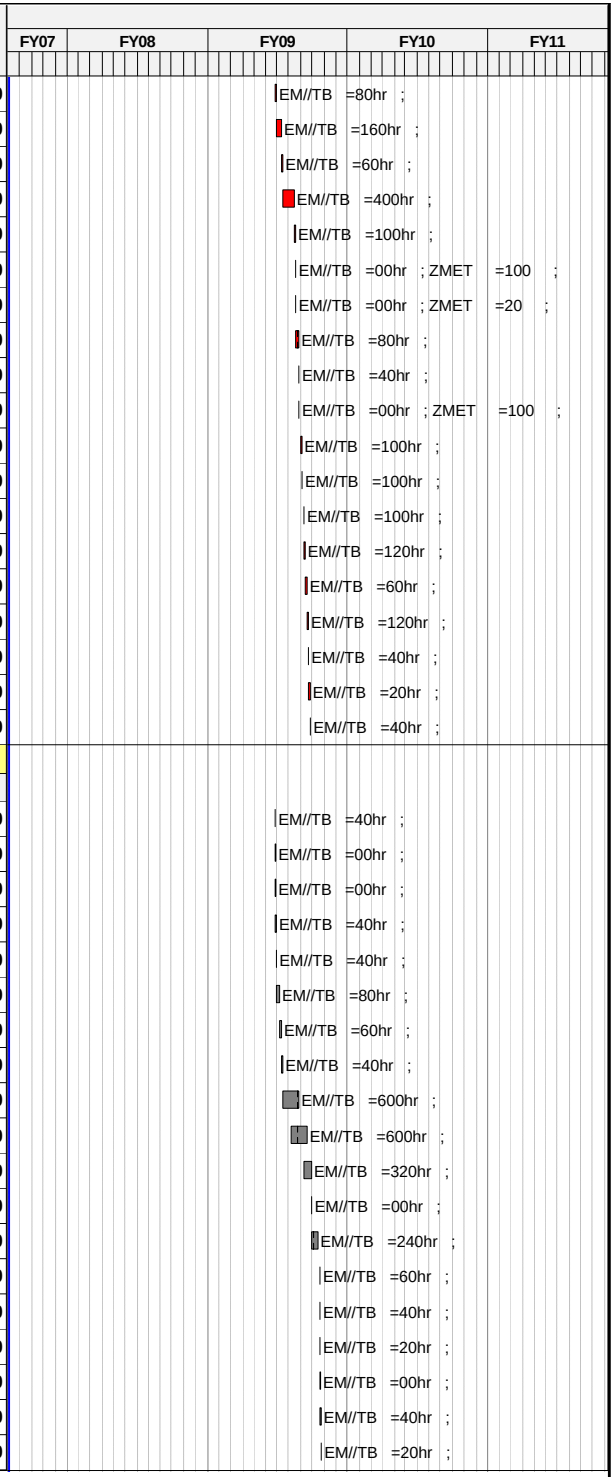
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
S33-4.06	Remove both MCHP's.	1	01MAY09	01MAY09	2	223	3,298.40
S33-5.01	Remove the adjustor bar support from left side.	0	04MAY09	01MAY09	2	223	0.00
S33-5.02	Install VV NBI port support stand.	1	04MAY09	04MAY09	2	223	3,298.40
S33-5.03	Install VVSA to base support	1	05MAY09	05MAY09	2	223	1,649.20
S33-5.04	Secure the VVSA to base & NBI port sprt stand.	1	06MAY09	06MAY09	2	223	3,298.40
S33-6.01	Install bumper protection components on the VV	0	07MAY09	06MAY09	2	223	0.00
S33-6.02	Position AirLoc Wedgemount in lower position.	0	07MAY09	06MAY09	2	223	0.00
S33-6.03	move the left MCHP over the VV.	1	07MAY09	07MAY09	2	223	4,123.00
S33-6.04	Re-install the left adjustor bar.	0	08MAY09	07MAY09	2	223	0.00
S33-6.05	Make adjustments to properly align MCHP.	1	08MAY09	08MAY09	2	223	3,298.40
S33-6.06	Transfer load to the AirLoc Wedgemount leveler.	0	11MAY09	08MAY09	2	223	0.00
S33-6.07	move the MCHP to the left 1/2".	0	11MAY09	08MAY09	2	223	0.00
S33-7.01	Position AirLoc Wedgemount lowered position.	0	11MAY09	08MAY09	2	223	0.00
S33-7.02	move the right MCHP over the VV	1	11MAY09	11MAY09	2	223	3,298.40
S33-7.03	move the left MCHP to its final position.	1	12MAY09	12MAY09	2	223	824.60
S33-7.04	engage the preinstalled Type-A flange bushings.	1	13MAY09	13MAY09	2	223	824.60
S33-7.05	Temporary fasteners bring the parts together.	0	14MAY09	13MAY09	2	223	0.00
S33-7.06	AirLoc Wedgemount leveler up to take the load.	1	14MAY09	14MAY09	2	223	824.60
S33-7.07	Remove laser screens	0	15MAY09	14MAY09	2	223	0.00
S33-7.08	Install temp scaffolding to install flange hw	1	15MAY09	15MAY09	2	223	6,596.80
S33-7.09	Install bolts, alumina and inboard weld shims.	1	18MAY09	18MAY09	2	223	3,298.40
S33-7.1	Tighten flange fasteners to 50%	1	19MAY09	19MAY09	2	223	1,649.20
S33-7.11	"wiggle" test Tighten bolt and recheck.	1	20MAY09	20MAY09	2	223	1,649.20
S33-7.12	Perform metrology measurements	1	21MAY09	21MAY09	2	223	0.00
S33-7.13	Perform position adjustments right side MCHP	1	22MAY09	22MAY09	2	223	4,947.60
S33-7.14	Remove SISSCO actuator from right MCHP.	0	26MAY09	22MAY09	2	223	0.00
S33-7.15	Install bushing.	1	26MAY09	26MAY09	2	223	824.60
S33-7.16	Tighten nuts 100%. & Measure	1	27MAY09	27MAY09	2	223	1,649.20
S33-8.01	partially weld the inboard shim.	7	28MAY09	05JUN09	2	223	24,738.00
S33-8.02	Final complete MC scan verify period alignment.	3	08JUN09	10JUN09	2	223	0.00
S33-9.01	Attach VV permanent vertical supports	1	11JUN09	11JUN09	2	223	3,298.40
S33-9.02	Attach temporary VV vertical supports	1	12JUN09	12JUN09	2	223	1,649.20
S33-9.03	Transfer load to vertical supports.	1	15JUN09	15JUN09	2	223	1,649.20
S33-9.04	Install VV lateral supports and align	1	16JUN09	16JUN09	2	223	6,596.80
S33-9.05	Prepare VVSA for transport.	1	17JUN09	17JUN09	2	223	3,298.40
S33-10.01	transfer the unit to the transfer support frame	1	18JUN09	18JUN09	2	223	6,596.80
S33-10.02	Transfer Period 3 to Station 5 in NCSX TC	1	19JUN09	19JUN09	2	223	3,298.40
Subtotal		650	01MAY07	04DEC09		705	5,482,534.26



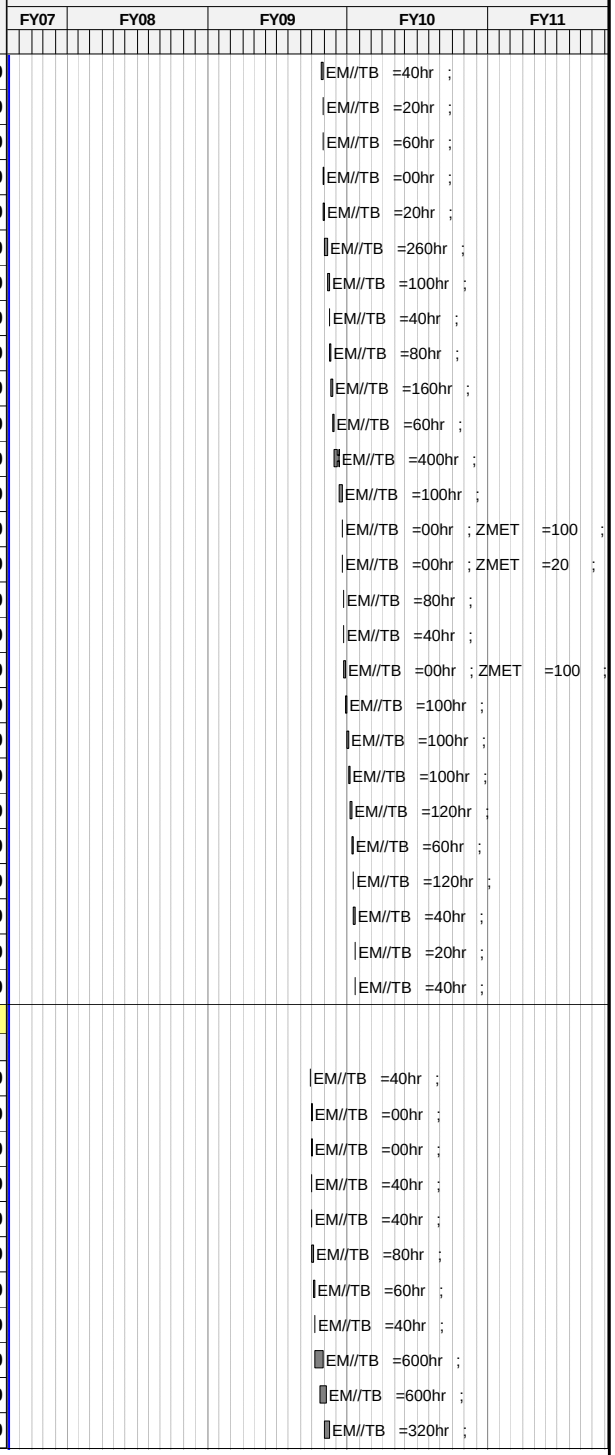
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
Job: 1815 - Field Period Assy -Station 5-VIOLA							
Setup/Preparations/General							
R1810-5101	MTM NCR hardware re-purchase	25	01JUL08*	05AUG08	1	231	54,936.00
R1810-5102	Monuments,reflectors,CCR's	10	01JUL08*	15JUL08	1	236	67,689.00
R1810-5103	metrology network in NCSX TC	10	16JUL08	29JUL08	1	236	21,973.60
R1810-5104	Misc for tooling	10	25AUG08*	08SEP08	1	231	0.00
R1810-5112	Weld wire & welding supplies	25	01JUL08*	05AUG08	1	231	19,620.00
R1810-5106	Testout Sta 5 equipt & procedures	5	06AUG08	12AUG08	1	231	12,817.60
R1810-5107	Check 3 sled interfaces adjust holes	12	13AUG08	28AUG08	1	231	30,762.24
R1810-5108	Fixtures installed-final metrology	6	29AUG08	08SEP08	1	231	15,381.12
Station 5- Final FP Assy -FP#1 (in NCSX TC)							
R1810-5109	Begin Station 5 Operations	0		30SEP08	1	215	0.00
S51-1.01	cut off short dome	2	01OCT08	02OCT08		215	3,298.40
S51-1.02	Install insulation system around all ports.	0	03OCT08	02OCT08		215	0.00
S51-1.03	Install heat tape and theomocouples on all ports	0	03OCT08	02OCT08		215	0.00
S51-2.01	Install period support fixture	2	03OCT08	06OCT08		215	3,298.40
S51-2.02	Install FPA on support stand.	2	07OCT08	08OCT08		215	3,298.40
S51-2.03	Install external working platforms	4	09OCT08	14OCT08		215	6,596.80
S51-2.04	Install internal VV working platforms	3	15OCT08	17OCT08		215	4,947.60
S51-3.01	Install the domes (left and right side),	2	20OCT08	21OCT08		215	3,298.40
S51-3.02	Install small dome ports remaining circ ports.	30	22OCT08	04DEC08	1	215	49,476.00
S51-3.03	Leak check each port after it is welded.	30	12NOV08	05JAN09	1	215	49,476.00
S51-4.01	Install boots on ports except for the two port	16	16DEC08	15JAN09	1	215	26,387.20
S51-5.01	Install MC lead connections on each of the MC's	1	16JAN09	16JAN09		215	0.00
S51-5.02	Install MC coolant lines on each MC	12	19JAN09	03FEB09		215	19,790.40
S51-5.03	Platforms may need to be altered	3	04FEB09	06FEB09		215	4,947.60
S51-6.01	Rotate 2 TF coils over the MC on the right side	2	09FEB09	10FEB09		215	3,298.40
S51-6.02	Attach the temp support at end of Type-C MC	1	11FEB09	11FEB09		215	1,649.20
S51-6.03	Lower leveler pad disengage base of MC right sid	0	12FEB09	11FEB09		215	0.00
S51-6.04	Install TF support brackets	2	12FEB09	13FEB09		215	3,298.40
S51-6.05	Secure First TF assy	1	16FEB09	16FEB09		215	1,649.20
S51-6.06	Install TF support brackets	2	17FEB09	18FEB09		215	3,298.40
S51-6.07	Secure 2nd TF coil	1	19FEB09	19FEB09		215	1,649.20
S51-6.08	Install machine support plates	3	20FEB09	24FEB09		215	4,947.60
S51-6.09	Reinstall leveler pad	0	25FEB09	24FEB09		215	0.00
S51-6.1	Installed one side of the TF support brackets	1	25FEB09	25FEB09		215	1,649.20
S51-7.01	The TF installation on the left side	13	26FEB09	16MAR09		215	21,439.60
S51-8.01	Perform a fit-up check of the four TF coils	5	17MAR09	23MAR09		215	8,246.00
S51-9.01	Tack weld the left and right port 4's.	2	24MAR09	25MAR09		215	3,298.40



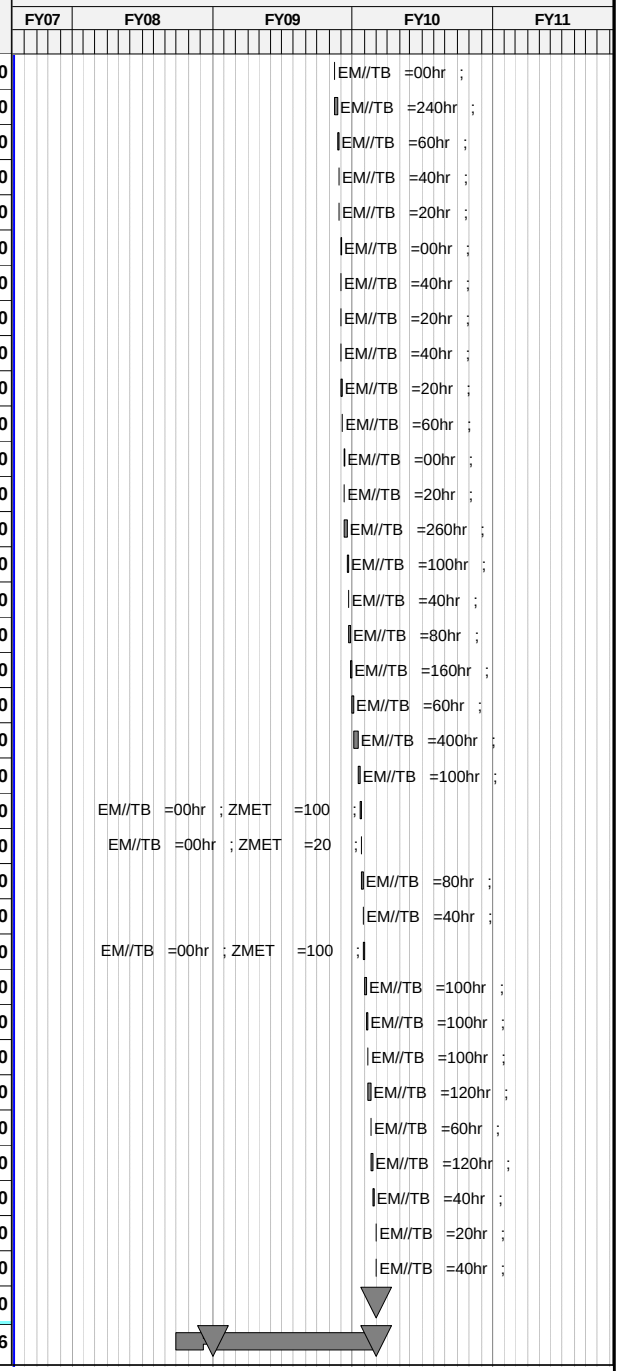
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
S51-9.02	Install boots on both port 4's.	4	26MAR09	31MAR09		215	6,596.80
S51-10.01	Install PF coil support structure	8	01APR09	10APR09		215	13,193.60
S51-11.01	Install tMC coolant manifold	3	13APR09	15APR09		215	4,947.60
S51-11.02	Connect MC coolant lines to the manifold	20	16APR09	13MAY09		215	32,984.00
S51-12.01	Install Rogowski coils	3	14MAY09	18MAY09	2	215	8,246.00
S51-13.01	Obtain set of Period 1 align fiducial positions	2	19MAY09	20MAY09	2	215	0.00
S51-13.02	align to tooling balls on each MCHP	1	21MAY09	21MAY09	2	215	0.00
S51-13.03	bring the VV into proper alignment	2	22MAY09	26MAY09	2	215	6,596.80
S51-13.04	Install or identify three primary fiducials	1	27MAY09	27MAY09	2	215	3,298.40
S51-13.05	Make a final measurement of all fiducials	2	28MAY09	29MAY09	2	215	0.00
S51-13.11	Check Assembly (bolts, etc)	3	01JUN09	03JUN09	2	215	8,246.00
S51-13.12	Check Diagnostics (Loops, thermocouples)	2	04JUN09	05JUN09	2	215	8,246.00
S51-13.13	Check manifolds (pressure, flow, etc.)	3	08JUN09	10JUN09	2	215	8,246.00
S51-13.14	Check 6 modcoils (voltage etc)	3	11JUN09	15JUN09	2	215	9,895.20
S51-13.15	Check trim coils (voltage etc)	2	16JUN09	17JUN09	2	215	4,947.60
S51-13.16	Check TF coils (voltage etc)	3	18JUN09	22JUN09	2	215	9,895.20
S51-14.01	Install crane rigging to completed Period assy	1	23JUN09	23JUN09	2	215	3,298.40
S51-14.02	Remove platforms	1	24JUN09	24JUN09	2	215	1,649.20
S51-14.03	Transfer Period 1 to Station 6 in NCSX tTC.	1	25JUN09	25JUN09	2	215	3,298.40
Station 5- Final FP Assy -FP#2 (in NCSX TC)							
S52-1.01	cut off short dome	2	25MAR09	26MAR09		226	3,298.40
S52-1.02	Install insulation system around all ports.	0	27MAR09	26MAR09		226	0.00
S52-1.03	Install heat tape and theomocouples on all ports	0	27MAR09	26MAR09		226	0.00
S52-2.01	Install period support fixture	2	27MAR09	30MAR09		226	3,298.40
S52-2.02	Install FPA on support stand.	2	31MAR09	01APR09		226	3,298.40
S52-2.03	Install external working platforms	4	02APR09	07APR09		226	6,596.80
S52-2.04	Install internal VV working platforms	3	08APR09	10APR09		226	4,947.60
S52-3.01	Install the domes (left and right side),	2	13APR09	14APR09		226	3,298.40
S52-3.02	Install small dome ports remaining circ ports.	30	15APR09	27MAY09		226	49,476.00
S52-3.03	Leak check each port after it is welded.	30	06MAY09	17JUN09		226	49,476.00
S52-4.01	Install boots on ports except for the two port	16	08JUN09	29JUN09		226	26,387.20
S52-5.01	Install MC lead connections on each of the MC's	1	30JUN09	30JUN09		226	0.00
S52-5.02	Install MC coolant lines on each MC	12	01JUL09	17JUL09		226	19,790.40
S52-5.03	Platforms may need to be altered	1	20JUL09	20JUL09	2	226	4,947.60
S52-6.01	Rotate 2 TF coils over the MC on the right side	1	21JUL09	21JUL09	2	226	3,298.40
S52-6.02	Attach the temp support at end of Type-C MC	1	22JUL09	22JUL09	2	226	1,649.20
S52-6.03	Lower leveler pad disengage base of MC right sid	0	23JUL09	22JUL09	2	226	0.00
S52-6.04	Install TF support brackets	1	23JUL09	23JUL09	2	226	3,298.40
S52-6.05	Secure First TF assy	1	24JUL09	24JUL09	2	226	1,649.20



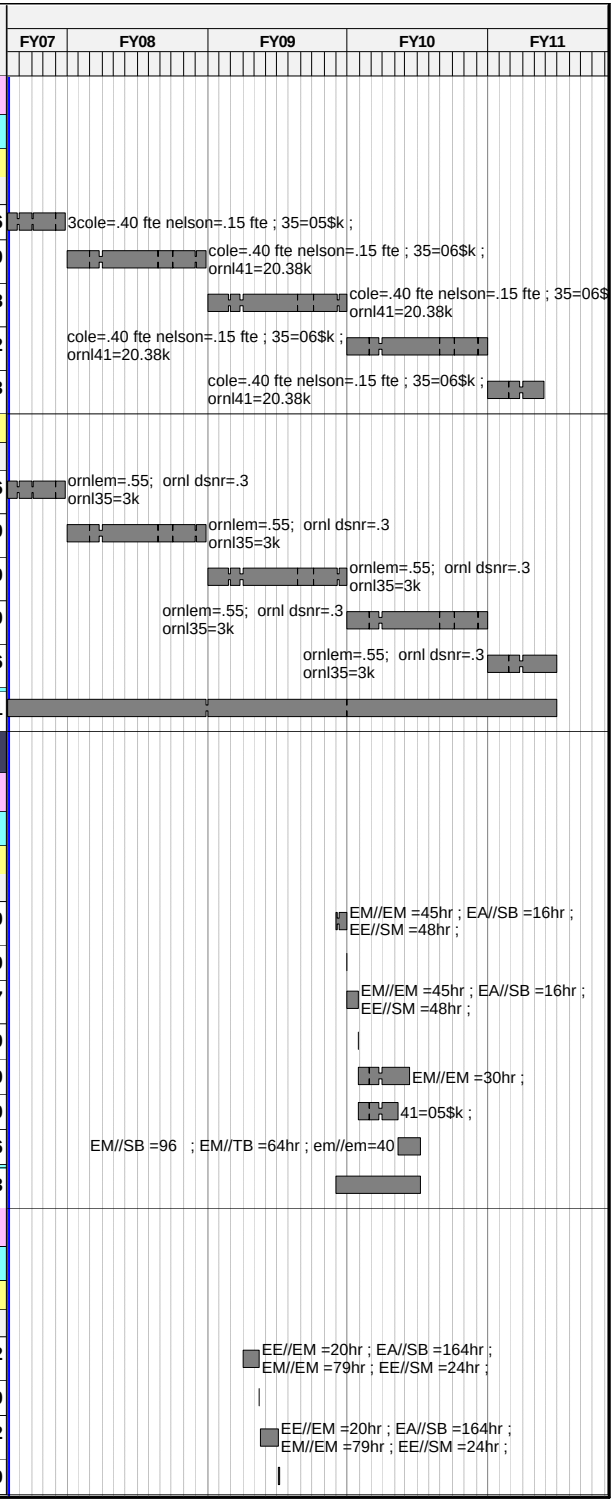
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
S52-6.06	Install TF support brackets	1	27JUL09	27JUL09	2	226	3,298.40
S52-6.07	Secure 2nd TF coil	1	28JUL09	28JUL09	2	226	1,649.20
S52-6.08	Install machine support plates	2	29JUL09	30JUL09	2	226	4,947.60
S52-6.09	Reinstall leveler pad	0	31JUL09	30JUL09	2	226	0.00
S52-6.1	Installed one side of the TF support brackets	1	31JUL09	31JUL09	2	226	1,649.20
S52-7.01	The TF installation on the left side	6	03AUG09	10AUG09	2	226	21,439.60
S52-8.01	Perform a fit-up check of the four TF coils	3	11AUG09	13AUG09	2	226	8,246.00
S52-9.01	Tack weld the left and right port 4's.	1	14AUG09	14AUG09	2	226	3,298.40
S52-9.02	Install boots on both port 4's.	2	17AUG09	18AUG09	2	226	6,596.80
S52-10.01	Install PF coil support structure	4	19AUG09	24AUG09	2	226	13,193.60
S52-11.01	Install tMC coolant manifold	2	25AUG09	26AUG09	2	226	4,947.60
S52-11.02	Connect MC coolant lines to the manifold	10	27AUG09	10SEP09	2	226	32,984.00
S52-12.01	Install Rogowski coils	3	11SEP09	15SEP09	2	226	8,246.00
S52-13.01	Obtain set of Period 1 align fiducial positions	2	16SEP09	17SEP09	2	226	0.00
S52-13.02	align to tooling balls on each MCHP	1	18SEP09	18SEP09	2	226	0.00
S52-13.03	bring the VV into proper alignment	2	21SEP09	22SEP09	2	226	6,596.80
S52-13.04	Install or identify three primary fiducials	1	23SEP09	23SEP09	2	226	3,298.40
S52-13.05	Make a final measurement of all fiducials	2	24SEP09	25SEP09	2	226	0.00
S52-13.11	Check Assembly (bolts, etc)	3	28SEP09	30SEP09	2	226	8,246.00
S52-13.12	Check Diagnostics (Loops, thermocouples)	2	01OCT09	02OCT09	2	226	8,526.00
S52-13.13	Check manifolds (pressure, flow, etc.)	3	05OCT09	07OCT09	2	226	8,526.00
S52-13.14	Check 6 modcoils (voltage etc)	3	08OCT09	12OCT09	2	226	10,231.20
S52-13.15	Check trim coils (voltage etc)	2	13OCT09	14OCT09	2	226	5,115.60
S52-13.16	Check TF coils (voltage etc)	2	15OCT09	16OCT09	2	226	10,231.20
S52-14.01	Install crane rigging to completed Period assy	1	19OCT09	19OCT09	2	226	3,410.40
S52-14.02	Remove platforms	1	20OCT09	20OCT09	2	226	1,705.20
S52-14.03	Transfer Period 2 to Station 6 in NCSX tTC.	1	21OCT09	21OCT09	2	226	3,410.40
Station 5- Final FP Assy -FP#3 (in NCSX TC)							
S53-1.01	cut off short dome	1	26JUN09	26JUN09	2	219	3,298.40
S53-1.02	Install insulation system around all ports.	0	29JUN09	26JUN09	2	219	0.00
S53-1.03	Install heat tape and theomocouples on all ports	0	29JUN09	26JUN09	2	219	0.00
S53-2.01	Install period support fixture	1	29JUN09	29JUN09	2	219	3,298.40
S53-2.02	Install FPA on support stand.	1	30JUN09	30JUN09	2	219	3,298.40
S53-2.03	Install external working platforms	2	01JUL09	02JUL09	2	219	6,596.80
S53-2.04	Install internal VV working platforms	2	06JUL09	07JUL09	2	219	4,947.60
S53-3.01	Install the domes (left and right side),	1	08JUL09	08JUL09	2	219	3,298.40
S53-3.02	Install small dome ports remaining circ ports.	15	09JUL09	29JUL09	2	219	49,476.00
S53-3.03	Leak check each port after it is welded.	15	20JUL09	07AUG09	2	219	49,476.00
S53-4.01	Install boots on ports except for the two port	8	04AUG09	13AUG09	2	219	26,387.20



Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
S53-5.01	Install MC lead connections on each of the MC's	1	14AUG09	14AUG09	2	219	0.00
S53-5.02	Install MC coolant lines on each MC	6	17AUG09	24AUG09	2	219	19,790.40
S53-5.03	Platforms may need to be altered	2	25AUG09	26AUG09	2	219	4,947.60
S53-6.01	Rotate 2 TF coils over the MC on the right side	1	27AUG09	27AUG09	2	219	3,298.40
S53-6.02	Attach the temp support at end of Type-C MC	1	28AUG09	28AUG09	2	219	1,649.20
S53-6.03	Lower leveler pad disengage base of MC right sid	0	31AUG09	28AUG09	2	219	0.00
S53-6.04	Install TF support brackets	1	31AUG09	31AUG09	2	219	3,298.40
S53-6.05	Secure First TF assy	1	01SEP09	01SEP09	2	219	1,649.20
S53-6.06	Install TF support brackets	1	02SEP09	02SEP09	2	219	3,298.40
S53-6.07	Secure 2nd TF coil	1	03SEP09	03SEP09	2	219	1,649.20
S53-6.08	Install machine support plates	1	04SEP09	04SEP09	2	219	4,947.60
S53-6.09	Reinstall leveler pad	0	08SEP09	04SEP09	2	219	0.00
S53-6.1	Installed one side of the TF support brackets	1	08SEP09	08SEP09	2	219	1,649.20
S53-7.01	The TF installation on the left side	6	09SEP09	16SEP09	2	219	21,439.60
S53-8.01	Perform a fit-up check of the four TF coils	3	17SEP09	21SEP09	2	219	8,246.00
S53-9.01	Tack weld the left and right port 4's.	1	22SEP09	22SEP09	2	219	3,298.40
S53-9.02	Install boots on both port 4's.	2	23SEP09	24SEP09	2	219	6,596.80
S53-10.01	Install PF coil support structure	4	25SEP09	30SEP09	2	219	13,193.60
S53-11.01	Install tMC coolant manifold	2	01OCT09	02OCT09	2	219	5,115.60
S53-11.02	Connect MC coolant lines to the manifold	10	05OCT09	16OCT09	2	219	34,104.00
S53-12.01	Install Rogowski coils	3	19OCT09	21OCT09	2	219	8,526.00
S53-13.01	Obtain set of Period 1 align fiducial positions	2	22OCT09	23OCT09	2	219	0.00
S53-13.02	align to tooling balls on each MCHP	1	26OCT09	26OCT09	2	219	0.00
S53-13.03	bring the VV into proper alignment	2	27OCT09	28OCT09	2	219	6,820.80
S53-13.04	Install or identify three primary fiducials	1	29OCT09	29OCT09	2	219	3,410.40
S53-13.05	Make a final measurement of all fiducials	3	30OCT09	03NOV09	2	219	0.00
S53-13.11	Check Assembly (bolts, etc)	2	04NOV09	05NOV09	2	219	8,526.00
S53-13.12	Check Diagnostics (Loops, thermocouples)	3	06NOV09	10NOV09	2	219	8,526.00
S53-13.13	Check manifolds (pressure, flow, etc.)	2	11NOV09	12NOV09	2	219	8,526.00
S53-13.14	Check 6 modcoils (voltage etc)	3	13NOV09	17NOV09	2	219	10,231.20
S53-13.15	Check trim coils (voltage etc)	2	18NOV09	19NOV09	2	219	5,115.60
S53-13.16	Check TF coils (voltage etc)	3	20NOV09	24NOV09	2	219	10,231.20
S53-14.01	Install crane rigging to completed Period assy	1	25NOV09	25NOV09	2	219	3,410.40
S53-14.02	Remove platforms	1	30NOV09	30NOV09	2	219	1,705.20
S53-14.03	Transfer Period 3 to Station 6 in NCSX tTC.	1	01DEC09	01DEC09	2	219	3,410.40
R1810-5333	Last field period assembled	0		01DEC09	2	219	0.00
Subtotal		355	01JUL08	01DEC09		219	1,317,195.56



Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
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	79,093.36
1901-08	WBS 191 FY08 LOE	249*	01OCT07*	29SEP08	1	1,000	216,460.70
1901-09	WBS 191 FY09 LOE	247*	01OCT08*	28SEP09	1	752	231,238.58
1901-10	WBS 191 FY10 SA LOE	248*	01OCT09*	30SEP10	1	502	238,712.22
1901-11	WBS 191 FY10 LOE	96*	01OCT10*	23FEB11	1	406	113,478.23
192 - Stellarator Core Integration & Analysis							
1902-07	WBS 192 FY07	106*	01MAY07*	28SEP07	1	1,249	85,976.86
1902-08	WBS 192 FY08	249*	01OCT07*	29SEP08	1	1,000	208,453.20
1902-09	WBS 192 FY09	247*	01OCT08*	28SEP09	1	752	221,709.30
1902-10	WBS 192 FY10	248*	01OCT09*	30SEP10	1	502	229,278.30
1902-11	WBS 192 FY10	122*	01OCT10*	31MAR11	1	380	118,254.46
Subtotal		975	01MAY07	31MAR11	1	380	1,742,655.21
2 - Plasma Heating, Fueling & Vac Systems							
21 - Fueling Systems							
Job: 2101 - Fueling Systems-BLANCHARD							
211-101	Preliminary Design	20	01SEP09*	29SEP09		281	16,457.10
211-105	PDR	1	30SEP09	30SEP09		281	0.00
211-109	Final Design	20	01OCT09	28OCT09		281	17,017.17
211-113	FDR	1	29OCT09	29OCT09		281	0.00
211-117	Title III	85	30OCT09	11MAR10		644	5,133.90
211-121	Procure Material and Supplies	65	30OCT09	11FEB10		281	7,160.00
211-125	Fabricate/Install/Test	40	12FEB10	08APR10		281	23,684.56
Subtotal		147	01SEP09	08APR10		624	69,452.73
22 - Torus Vacuum Pumping Systems							
Job: 2201 - Vacuum Pumping Systems-BLANCHARD							
220-101	Preliminary Design	30	02JAN09*	12FEB09		271	40,404.42
220-105	PDR	1	13FEB09	13FEB09		271	0.00
220-109	Final Design	35	16FEB09	03APR09		271	40,404.42
220-113	FDR	1	06APR09	06APR09		271	0.00



Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
220-114	Title III	200	07APR09	28JAN10		674	8,381.97
220-117	Procure/Install AC pwr for backup sys	95	07APR09	19AUG09		271	4,191.00
220-121	Procure/Install TVPS/GIS Rack	95	07APR09	19AUG09		271	4,191.00
220-125	Procure/Install Cabling	95	07APR09	19AUG09		271	2,095.50
220-129	Procure/Install TVPS materials	95	07APR09	19AUG09		271	13,970.00
220-133	Assemble Fabricate (mechanical)	115	20AUG09	11FEB10		271	55,082.33
220-137	Installation/Test (mechanical)	50	12FEB10	22APR10		271	5,456.64
Subtotal		327	02JAN09	22APR10		614	174,177.28

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

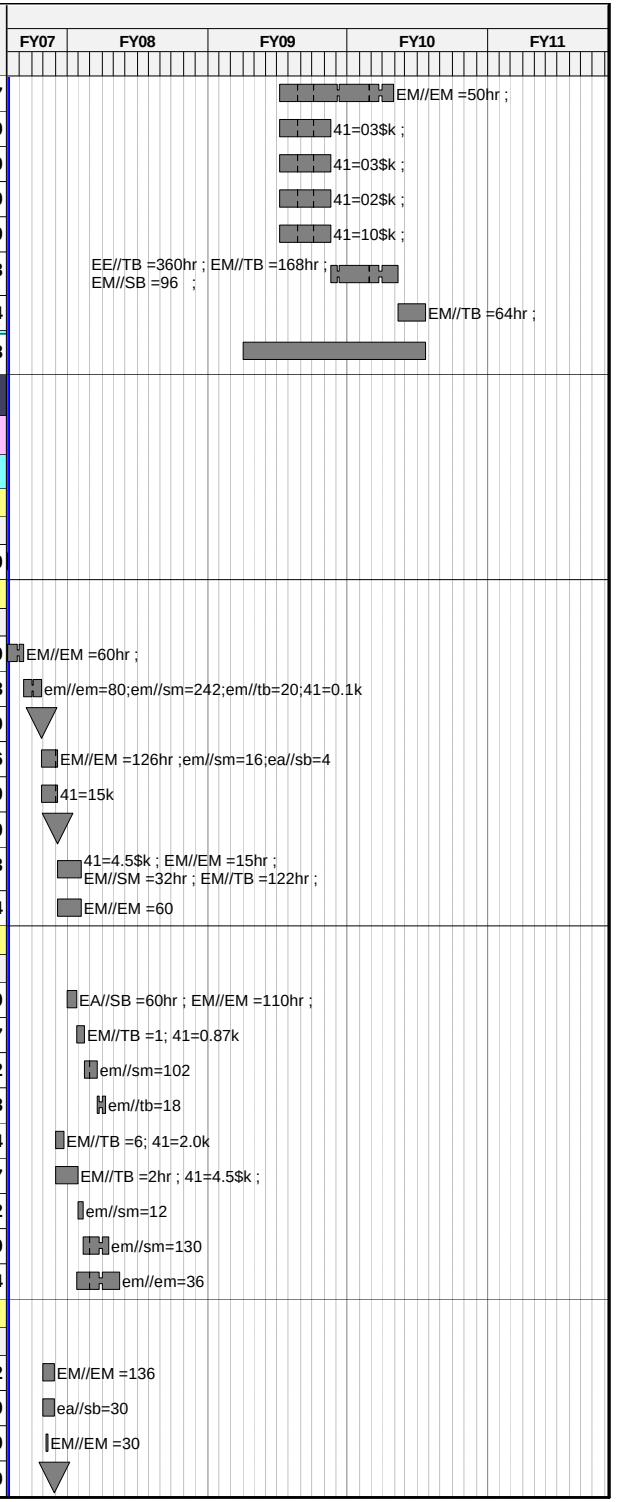
3101-316	CONCEP DESIGN ROWGOWSKI COIL	30	01MAY07*	12JUN07		437	9,235.20
3101-317	PRELIM DESIGN ROWGOWSKI COIL incl prototype	30	13JUN07*	25JUL07		437	17,010.28
3101-318	PDR - ROWGOWSKI COIL	0		25JUL07*		437	0.00
3101-325	FINAL DESIGN ROWGOSKI COIL	30	26JUL07*	06SEP07		437	21,876.56
3101-340	subcontract winding 3 mandrels	30	26JUL07*	06SEP07		437	19,140.00
3101-326	FDR - ROWGOSKI COIL	0		06SEP07		437	0.00
3101-329	FAB ROWGOWSKI COILS incl clamps	45	07SEP07	08NOV07		437	21,998.43
3101-330	Title III	45	07SEP07	08NOV07		437	9,500.84

TF and PF Co-wound Loops

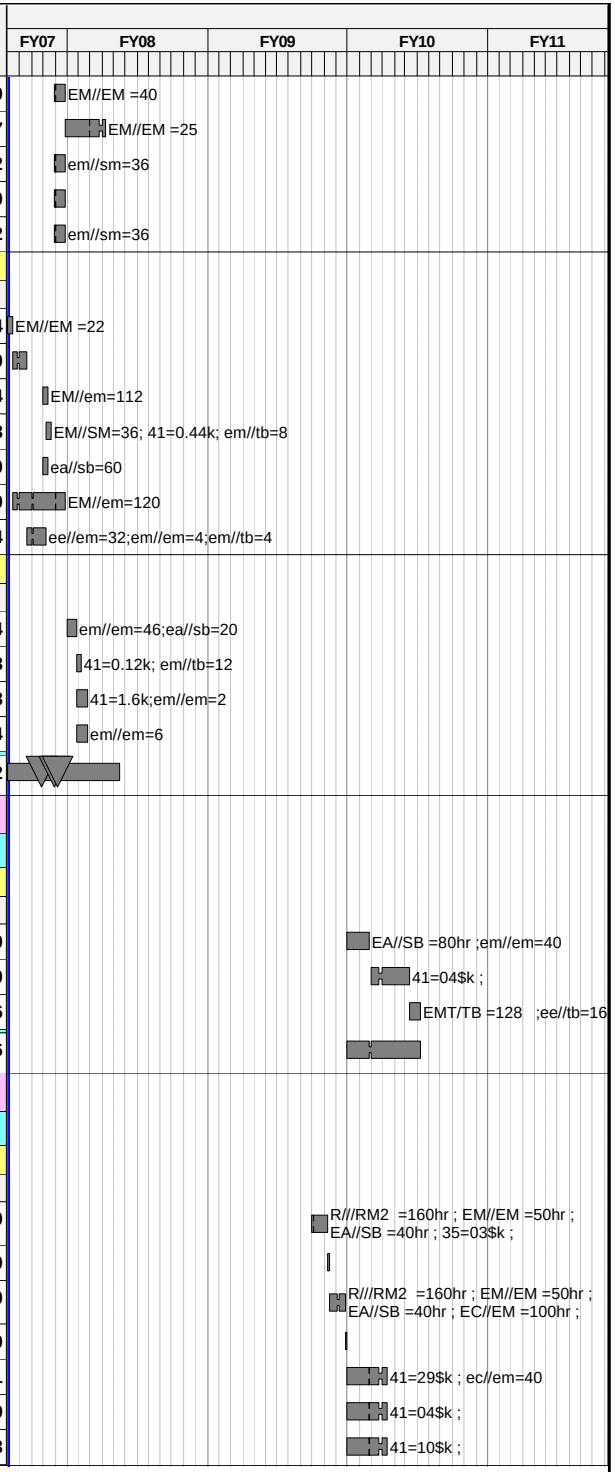
3101-425	Design Protective boxes for PF	20	01OCT07*	26OCT07		439	24,881.50
3101-426	Purchase SS Sheet	15	29OCT07*	16NOV07		439	1,218.07
3101-452	Form Protective boxes	20	19NOV07	18DEC07		439	13,475.22
3101-454	Weld end plates of PF protective boxes	10	19DEC07	10JAN08		439	1,441.98
3101-427	Purchase Heat Shrink tubing	15	04SEP07*	24SEP07		515	3,012.14
3101-428	Purchase aad'l CoAxial cable	40	04SEP07*	29OCT07		483	5,974.57
3101-450	Prototype PF Loops	10	30OCT07*	12NOV07		490	1,585.32
3101-458	FabTF,PF & solenoid co-wound loops	40	13NOV07	18JAN08		490	17,174.30
3101-456	Title III	70	29OCT07	14FEB08		471	5,788.44

T/C and Heater Tape Leads

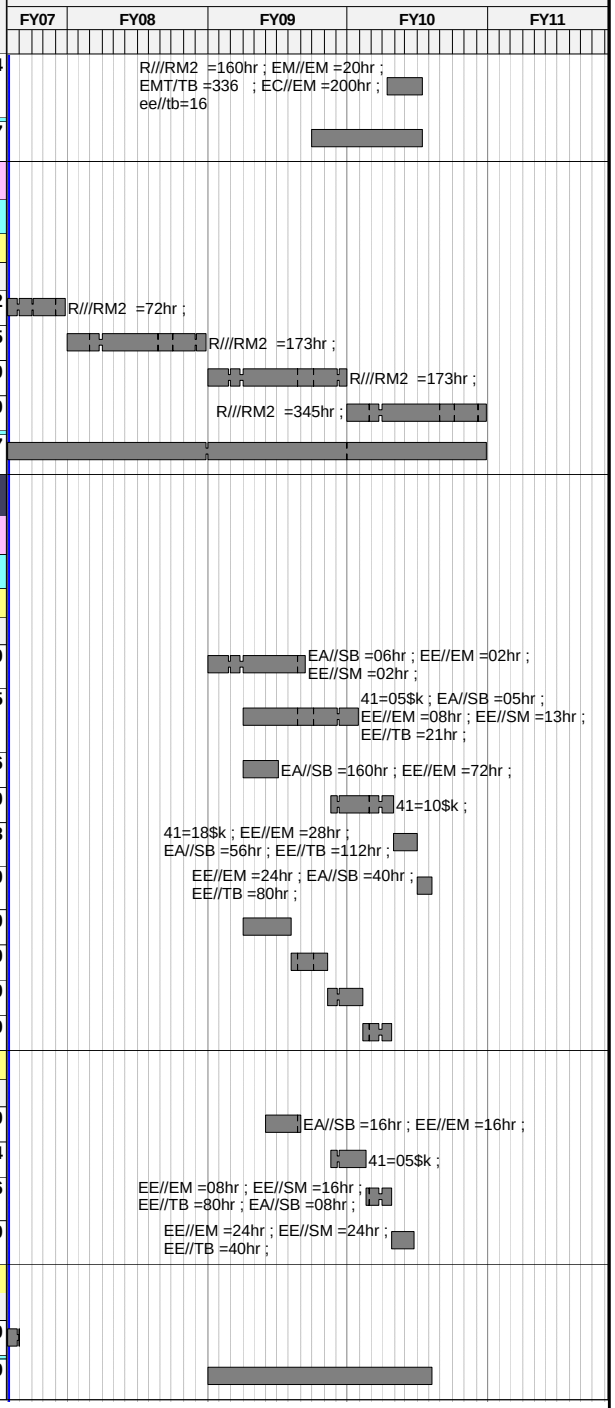
1204-140	Design T/C and Heater Tape Leads	20	01AUG07*	28AUG07		308	20,933.12
1204-140.2	Design Drafting T/C and Heater Tape Leads	20	01AUG07*	28AUG07		318	3,443.40
1204-140.1	Peer Review T/C and Heater Tape Leads	5	08AUG07	14AUG07		318	4,617.60
1204-141	Drawings Signed T/C and Heater Tape Leads	0		28AUG07		308	0.00



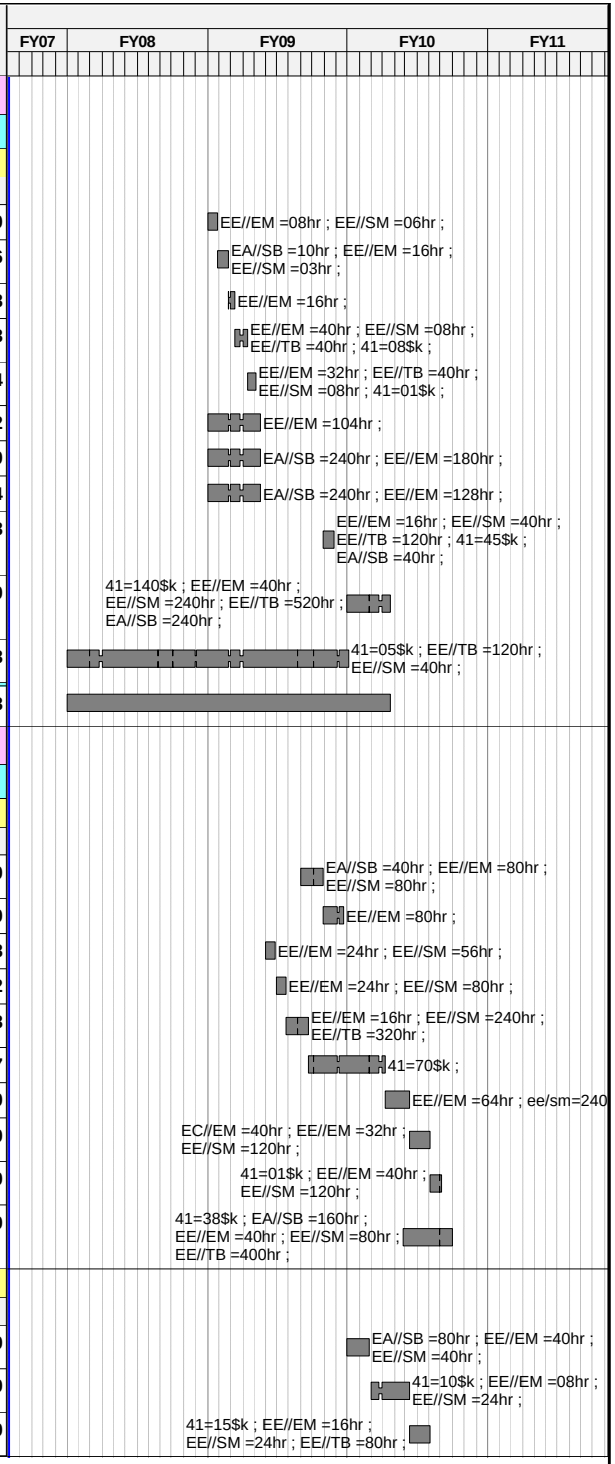
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
1204-146	Procurement support T/C and Heater Tape Leads	20	29AUG07	26SEP07		308	6,156.80
1204-147	Field/Fab support (title III) T/C&Heater Tape	65	27SEP07	08JAN08		308	4,014.47
1204-148	Machine 12 2.75 cf blanks	20	29AUG07	26SEP07		373	4,552.92
1204-150	Rubber seal	20	29AUG07	26SEP07		373	0.00
1204-151	Machine 6 commercial aluminum boxes	20	29AUG07	26SEP07		373	4,552.92
Flux loop junction boxes and spacer templates							
1204-160	Design Protective Boxes	10	01MAY07	14MAY07		379	3,386.24
1204-165	Issue req,Bid & Award- Flux Loop Junction Boxes	25	15MAY07	19JUN07		379	0.00
1204-170	Autocad dwgs of field runs/tag#/ports assignmt	10	01AUG07*	14AUG07		385	17,239.04
1204-161	Fab Protective Boxes	10	09AUG07	22AUG07		379	5,727.88
1204-171	Prep Dwgs of spacer loops	10	01AUG07*	14AUG07		822	6,886.80
1204-172	Title III	96	15MAY07	28SEP07		1,249	18,470.40
1204-173	Purchase material for boxes&spacers (in job 1204	35	20JUN07	08AUG07		379	6,237.64
Voltage Loops & Protective Boxes							
3101-800	Design Routing and Boxes	20	01OCT07*	26OCT07		437	9,794.54
3101-802	Fab 3 protective Boxes	10	29OCT07	09NOV07		447	1,118.28
3101-804	Purchase 900ft cable	20	29OCT07*	23NOV07		437	2,414.38
3101-806	Title III	20	29OCT07	23NOV07		437	964.74
Subtotal		0		14FEB08		1,159	293,824.02
36 - Edge and Divertor Diagnostics							
Job: 3601 - Edge Divertor Diagnostics-STRATTON							
361-001	Design Visible Camera sys	40	01OCT09*	25NOV09		280	17,054.80
361-015	Procure flange,window and material	65	30NOV09	10MAR10		280	5,012.00
361-016	fabricate and assemble Visible tv camera sys	20	11MAR10	07APR10		280	8,828.96
Subtotal		125	01OCT09	07APR10		280	30,895.76
38 - Electron Beam (EB) Mapping							
Job: 3801 - Electron Beam Mapping-STRATTON							
380-010	E-beam mapping- Prelim Design	30	01JUL09*	12AUG09		277	44,761.80
380-015	E-beam mapping-PDR	1	13AUG09	13AUG09		277	0.00
380-100	E-beam mapping-Final Design	30	14AUG09*	25SEP09		277	56,544.80
380-110	E-beam mapping-FDR	1	28SEP09	28SEP09		277	0.00
380-115	E-beam mapping-Procure Rack	65	29SEP09*	11JAN10		277	47,332.31
380-120	E-beam mapping-Procure Ports	65	29SEP09	11JAN10		277	5,723.69
380-130	E-beam mapping-Procure Data Acquisition	65	29SEP09*	11JAN10		277	14,309.23



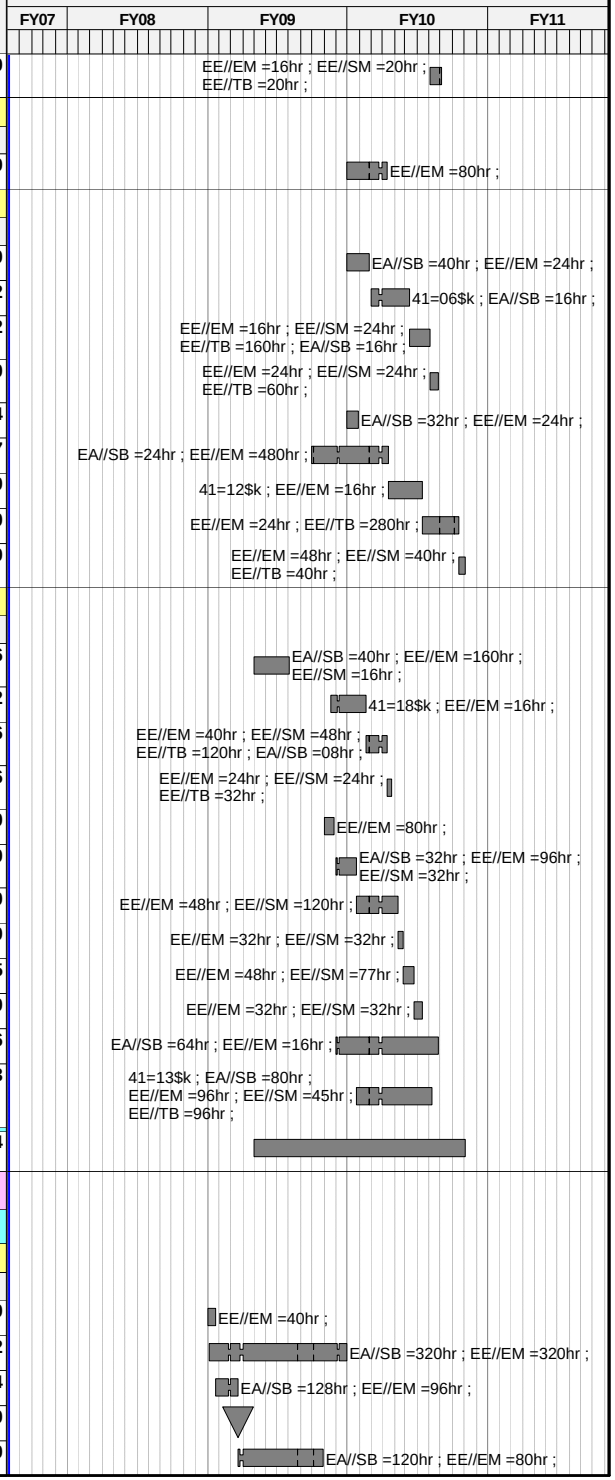
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
380-135	E-beam mapping- Assemble	65	12JAN10*	12APR10		277	94,239.24
Subtotal		192	01JUL09	12APR10		277	262,911.07
39 - Diagnostics Integration							
Job: 3901 - Diagnostics sys Integration-STRATTON							
390-03	LOE Support FY07	106*	01MAY07	28SEP07		1,249	11,592.72
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	132,943.67
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		299	1,390.80
411-1-100	Ex-Test cell AC pwr-Reactiv.&new instl	210	02JAN09*	27OCT09		343	12,652.35
411-2-2	Grounding-Dsn	65	02JAN09*	02APR09		349	32,604.96
411-2-4	Grounding-Procure	107	18AUG09*	28JAN10		299	14,218.60
411-2-6	Grounding-Install	43	29JAN10*	30MAR10		299	46,659.48
411-2-8	Grounding-Commission	29	31MAR10*	10MAY10		299	16,166.80
411-3-2	Test Cell AC Power Distr-Dsn**GPP**	90	02JAN09*	07MAY09		333	0.00
411-3-4	TC AC Pwr Distr-Procure(pnls&xfrmrs)**GPP**	65	08MAY09	10AUG09		333	0.00
411-3-6	Test Cell AC Power Distr-Install**GPP**	65	11AUG09	10NOV09		333	0.00
411-3-8	Test Cell AC Power Distr-Commission**GPP**	45	11NOV09*	26JAN10		333	0.00
412 - Experimental AC Power Systems							
412-1-2	C-site Pulsed AC Power Distr-Dsn	65	02MAR09*	01JUN09		308	4,832.00
412-1-4	C-site Pulsed AC Power Distr-Procure	65	18AUG09	17NOV09		333	7,076.54
412-1-6	C-site Pulsed AC Power Distr-Install	40	18NOV09	26JAN10		333	11,553.36
412-1-8	C-site Pulsed AC Power Distr-Commission	40	27JAN10	23MAR10		333	11,384.00
4101ACPWR	Prior ac pwr work reclassified as gpp	356	01MAY07A	31MAY07A			-104,100.00
Subtotal		0		10MAY10		299	54,438.89



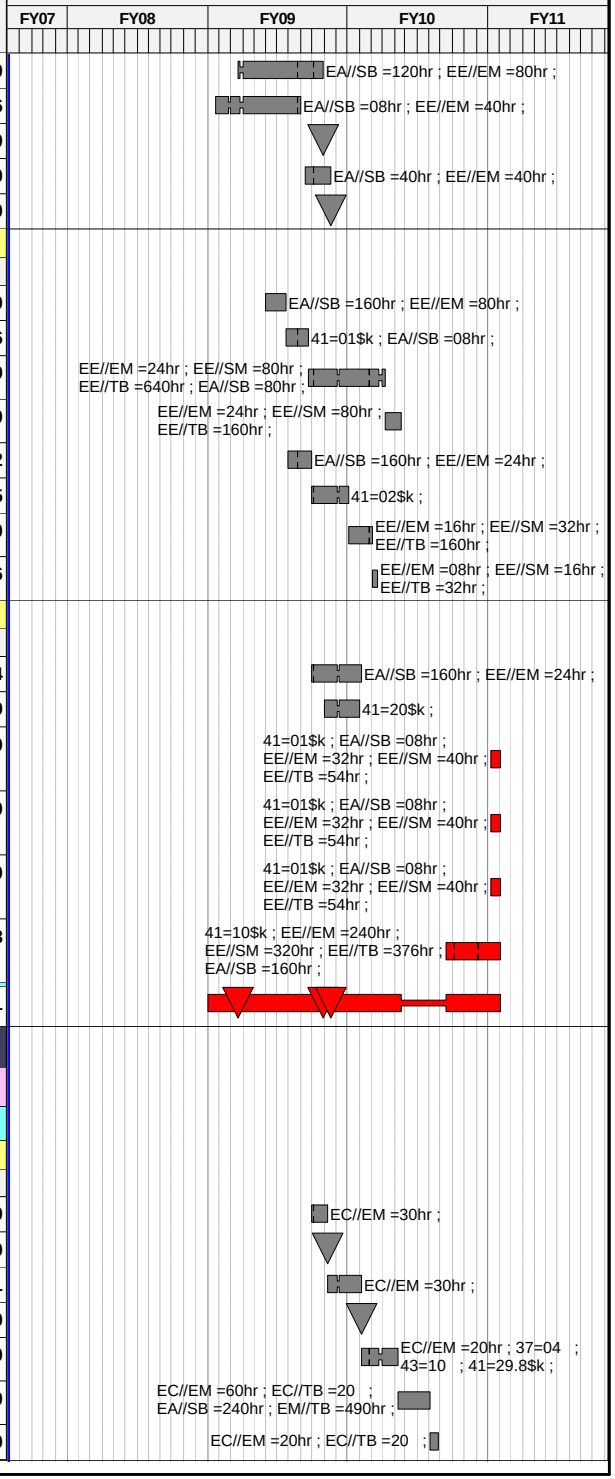
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
43 - DC Systems							
Job: 4301 - DC Systems-RAMAKRISHNAN							
431 - C-Site DC Systems							
431-200	Condition/spare parts inventory	20	01OCT08*	28OCT08		616	2,308.00
431-210	Organize & verify documentation	20	29OCT08*	25NOV08		616	4,531.16
431-215	Document status	10	26NOV08*	11DEC08		616	2,857.28
431-225	Reactivate DF & PEI units	15	12DEC08*	12JAN09		616	22,697.68
431-230	Duumy Load test of DF & PEI units	15	13JAN09*	02FEB09		616	11,490.04
431-240	Simulate each of 6 pwr loops in PSCAD	90	01OCT08*	16FEB09		518	18,572.32
431-250	c-site dc sys DGS dsn documentation	90	01OCT08*	16FEB09		518	61,765.20
431-261	Redo power loop design	90	01OCT08*	16FEB09		518	52,479.04
431-265	Fabricate bus components	20	29JUL09*	25AUG09		404	86,139.48
431-275	Power cabling & Installation	68	01OCT09*	18JAN10		379	317,964.40
431-276	Maint of C-site rectifiers	501	01OCT07*	02OCT09		445	22,026.38
Subtotal		567	01OCT07	18JAN10		379	602,830.98
44 - Control and protection Systems							
Job: 4401 - Control & Protection-RAMAKRISHNAN							
441 - Electrical Interlocks							
441-095	Design Interlock sys	40	01JUN09*	27JUL09		495	30,948.00
441-097	Install Interlock sys	40	28JUL09	22SEP09		495	26,011.20
441-100	PLC Specification	20	02MAR09*	27MAR09		304	12,493.28
441-105	Prep Block diagrams	20	30MAR09	24APR09		304	16,010.72
441-110	PLC CWD's & Cabling	40	27APR09*	22JUN09		304	63,679.68
441-115	deliver PLC	130	23JUN09	06JAN10		304	98,920.77
441-120	Program PLC Logic	45	07JAN10	10MAR10		304	48,189.60
441-125	Program Control pages	40	11MAR10	05MAY10		304	30,509.20
441-130	Pre-commissioning tests	20	06MAY10	03JUN10		304	27,004.00
441-135	Install I/O Cabling control & protection	90	25FEB10	01JUL10		304	127,497.20
442 - Kirk Key Interlocks							
442-1-2	Kirk Keys-Dsn	40	01OCT09*	25NOV09		324	23,657.60
442-1-4	Kirk Keys-Procure	65	30NOV09	10MAR10		324	19,434.40
442-1-6	Kirk Keys-Install	40	11MAR10	05MAY10		324	34,702.00



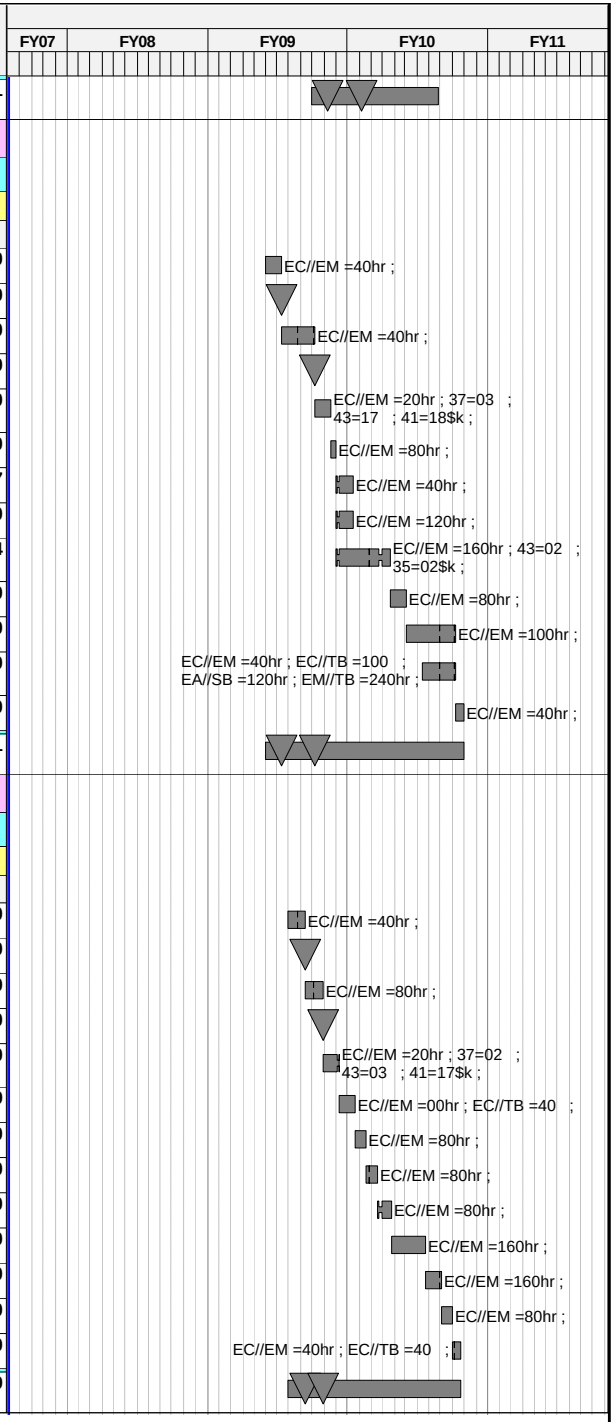
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
442-1-8	Kirk Keys-Commission	20	06MAY10	03JUN10		324	7,643.00
443 - Real Time Control Systems							
443-1-2	Develop Control Algorithms-Dsn	65	01OCT09*	13JAN10		424	14,772.00
444 - Instrument Systems							
444-2-2	DC Potential Transducers (DCPTs)-Dsn	40	01OCT09*	25NOV09		329	9,536.40
444-2-4	DC Potential Transducers (DCPTs)-Procure	65	30NOV09	10MAR10		329	10,633.92
444-2-6	DC Potential Transducers (DCPTs)-Install	40	11MAR10	05MAY10		329	21,894.32
444-2-8	DC Potential Transducers (DCPTs)-Commission	15	06MAY10	26MAY10		329	13,041.60
444-3-2	DC Shunts-Dsn	20	01OCT09*	28OCT09		469	8,515.44
444-4-2	Signal Conditioning & Cabling-Dsn	130	01JUL09*	14JAN10		283	90,210.87
444-4-4	Signal Conditioning & Cabling-Procure	65	15JAN10	15APR10		283	20,138.40
444-4-6	Signal Conditioning & Cabling-Install	65	16APR10	19JUL10		283	27,638.00
444-4-8	Signal Conditioning & Cabling-Commission	10	20JUL10	02AUG10		283	18,240.40
445 - Coil Protection Systems							
445-1-2	Ground Fault Protection-Dsn	65	02FEB09*	01MAY09		328	35,854.56
445-1-4	Ground Fault Protection-Procure	65	18AUG09*	17NOV09		415	28,383.62
445-1-6	Ground Fault Protection-Install	30	18NOV09*	12JAN10		415	25,626.96
445-1-8	Ground Fault Protection-Commission	10	13JAN10	26JAN10		415	10,720.96
445-2-105	Overload Protect-Write spec and approve	20	03AUG09*	28AUG09		331	14,286.40
445-2-110	Overload Protect-Design	40	31AUG09*	26OCT09		341	26,177.60
445-2-115	Overload Protect-Fabr 4 chassis	65	27OCT09*	08FEB10		361	27,049.20
445-2-120	Overload Protect-Test 4 units	10	09FEB10	22FEB10		361	10,758.40
445-2-125	Overload Protect-Install & Rack wiring	20	23FEB10	22MAR10		361	20,532.55
445-2-130	Overload Protect-Write & perform ISTP	15	23MAR10	12APR10		361	10,758.40
445-2-135	Overload Protect-Documentation	180	31AUG09*	24MAY10		331	11,077.36
445-2-140	Overload Protection&cabling design,procure instl	130	27OCT09*	10MAY10		341	61,328.23
Subtotal		376	02FEB09	02AUG10		283	1,083,876.24
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		404	7,143.20
451-3-2	Dwgs,asbuilts -Elect Dsn	245	08OCT08*	01OCT09		488	96,653.42
451-2-2	PDR Prep Power system -Dsn	40	22OCT08	18DEC08		404	32,941.44
451-2-3	PDR Power system -Dsn	0		18DEC08		404	0.00
451-6-2	Final design C-Site -Cabling	149	19DEC08	28JUL09		404	29,096.80



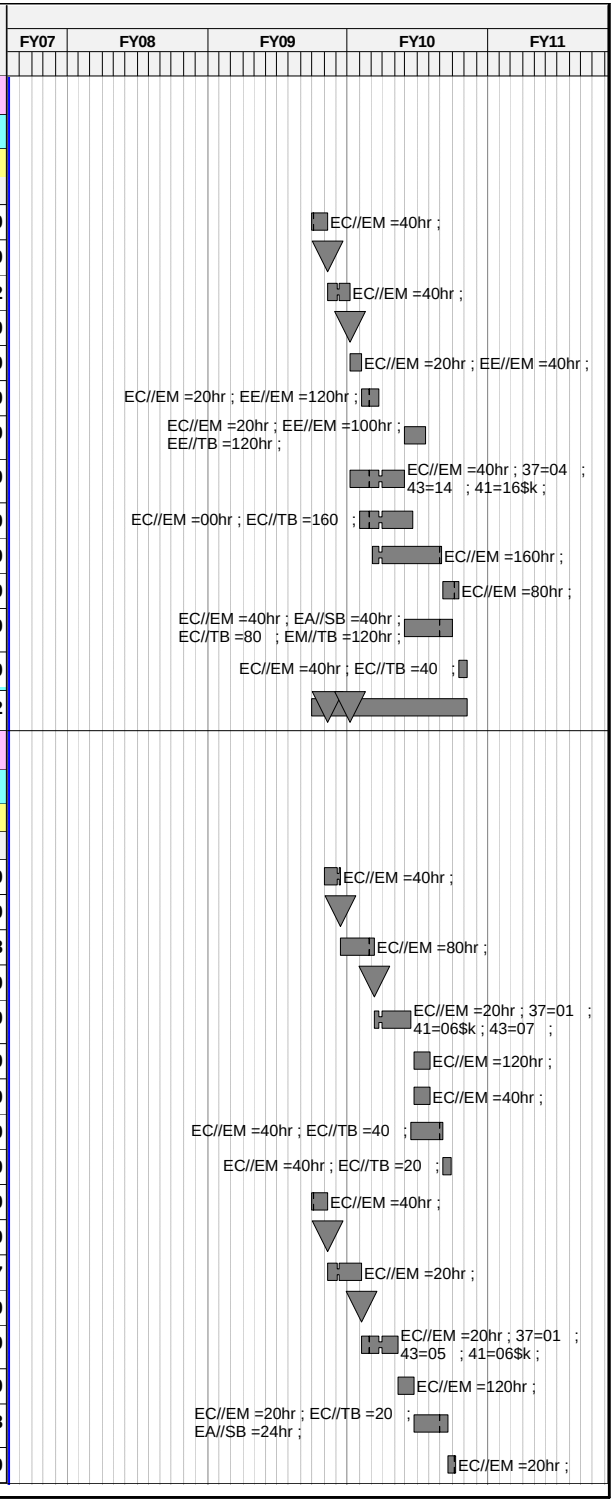
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
451-2-2.1	Final Design C-Site	149	19DEC08	28JUL09		404	29,096.80
451-1-2	Calculations-Dsn	149	22OCT08*	01JUN09		444	8,130.56
451-202.2	FDR C-Site	0		28JUL09		404	0.00
451-4-2	Final Dsn AC auxiliaries & grounding-Dsn	45	15JUN09	17AUG09		299	12,080.00
451-402.1	FDR AC auxiliaries & grounding-Dsn	0		17AUG09		299	0.00
452 - Electrical Systems Support							
452-1-2	Diagnostics AC Power Distr-Dsn	40	02MAR09*	24APR09		399	34,033.60
452-1-4	Diagnostics AC Power Distr-Procure	40	27APR09	22JUN09		399	2,384.36
452-1-6	Diagnostics AC Power Distr-Install	130	23JUN09	06JAN10		399	78,393.29
452-1-8	Diagnostics AC Power Distr-Commission	30	07JAN10	17FEB10		399	29,816.40
452-2-2	Diagnostics sensor cabling-Dsn	43	01MAY09*	01JUL09		434	24,033.12
452-2-4	Diagnostics sensor cabling-Procure	65	02JUL09	02OCT09		434	2,796.15
452-2-6	Diagnostics sensor cabling-Install	43	05OCT09	04DEC09		434	21,064.80
452-2-8	Diagnostics sensor cabling-Commission	10	07DEC09	18DEC09		434	6,554.16
453 - System Testing (PTP's)							
453-1-2	New Procedures	90	01JUL09*	05NOV09		363	24,269.34
453-1-3	Preop Testing-Procure test equipt	65	03AUG09*	02NOV09		446	28,187.69
453-1-4	TF Coil Test	20	11OCT10*	05NOV10		215	19,528.70
453-1-5	PF Coil Test	20	11OCT10*	05NOV10		215	19,528.70
453-1-6	Trim Coil Coil Test	20	11OCT10*	05NOV10		215	18,794.70
453-1-8	Testing PTPs, ISTPs	100	17JUN10*	05NOV10		215	160,083.28
Subtotal		523	01OCT08	05NOV10		215	684,610.51
5 - Central I&C Systems							
51 - Network and Fiber Infrastructure							
Job: 5101 - Network and Fiber Infrastruct-SICHTA							
R51-10	Preliminary Design	30	01JUL09*	12AUG09		322	4,652.70
R51-11	PDR	0		12AUG09		322	0.00
R51-20	Final Design	60	13AUG09	05NOV09		322	4,721.21
R51-21	FDR	0		05NOV09		322	0.00
R51-30	Procurement	60	06NOV09	11FEB10		322	53,416.80
R51-50	Installation	60	12FEB10	06MAY10		322	83,587.00
R51-60	Test	14	07MAY10	26MAY10		322	4,766.40



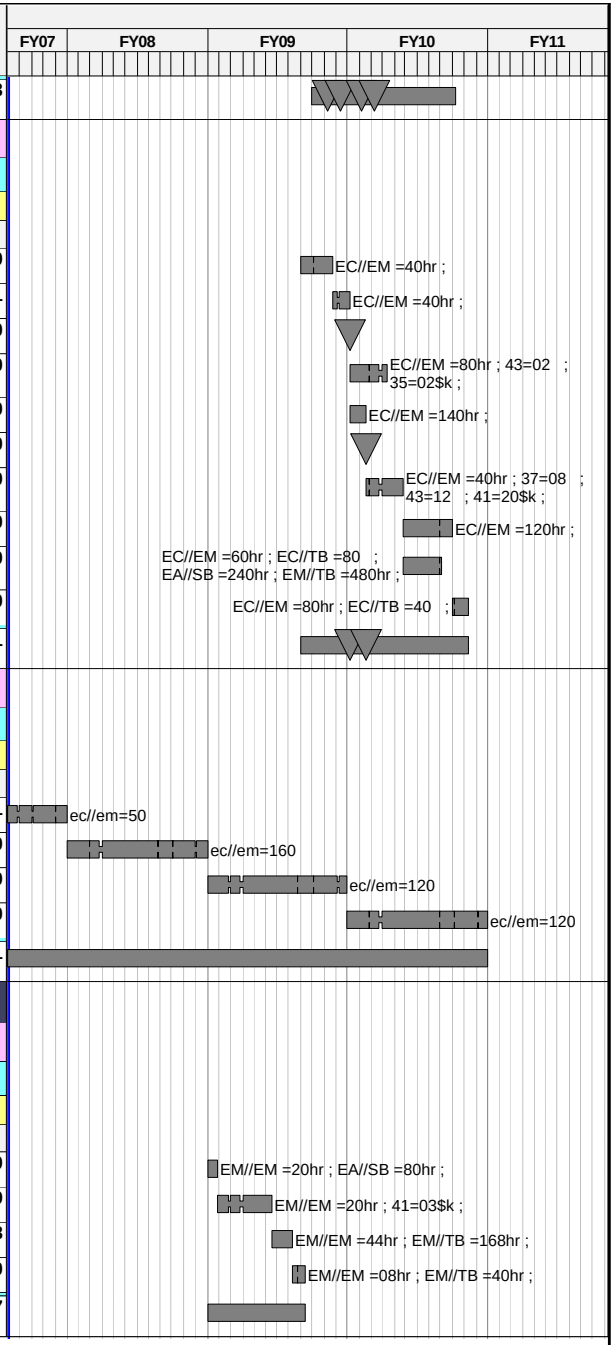
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
Subtotal		224	01JUL09	26MAY10		322	151,144.11
52 - Central Instrumentation & Control							
Job: 5201 - I&C Systems-SICHTA							
R52-10	Preliminary Design	30	02MAR09*	10APR09		278	6,203.60
R52-11	PDR	0		10APR09		278	0.00
R52-20	Final Design	60	13APR09	07JUL09		278	6,203.60
R52-21	FDR	0		07JUL09		278	0.00
R52-30	Procurement	30	08JUL09	18AUG09		278	33,899.80
R52-40	EPICS Programming - Base	10	19AUG09	01SEP09		278	12,407.20
R52-50	EPICS Programming - VDCT db editor	30	02SEP09	14OCT09		458	6,273.87
R52-60	IOC Programming - MDSplus data & events	30	02SEP09	14OCT09		458	18,821.60
R52-70	OPC - EPICS/PLC Interface	90	02SEP09	20JAN10		278	28,002.44
R52-80	Appl. Programming-T/C	30	21JAN10	03MAR10		278	12,828.80
R52-90	Programming - misc.	90	04MAR10	09JUL10		278	16,036.00
R52-100	Installation	60	15APR10	09JUL10		278	49,987.20
R52-110	Test	14	12JUL10	29JUL10		278	6,414.40
Subtotal		354	02MAR09	29JUL10		278	197,078.51
53 - Data Acquisition & Facility Computing							
Job: 5301 - Data Acquisition-SICHTA							
R53-10	Preliminary Design	30	01MAY09*	12JUN09		284	6,203.60
R53-11	PDR	0		12JUN09		284	0.00
R53-20	Final Design	30	15JUN09	27JUL09		284	12,407.20
R53-21	FDR	0		27JUL09		284	0.00
R53-30	Procurement	30	28JUL09	08SEP09		284	30,618.80
R53-40	Installation	30	09SEP09	20OCT09		284	3,063.79
R53-50	MDSplus Installation	20	21OCT09	17NOV09		284	12,828.80
R53-60	MDSplus Programming - Tree Design	20	18NOV09	17DEC09		284	12,828.80
R53-70	MDSplus Programming - Shot Sync	20	18DEC09	26JAN10		284	12,828.80
R53-110	Programming - Misc.	60	27JAN10	20APR10		284	25,657.60
R53-80	MDSplus Programming - Dispatcher	30	21APR10	02JUN10		284	25,657.60
R53-90	MDSplus Programming - Acquisition	20	03JUN10	30JUN10		284	12,828.80
R53-120	Test	14	01JUL10	21JUL10		284	9,532.80
Subtotal		304	01MAY09	21JUL10		284	164,456.59



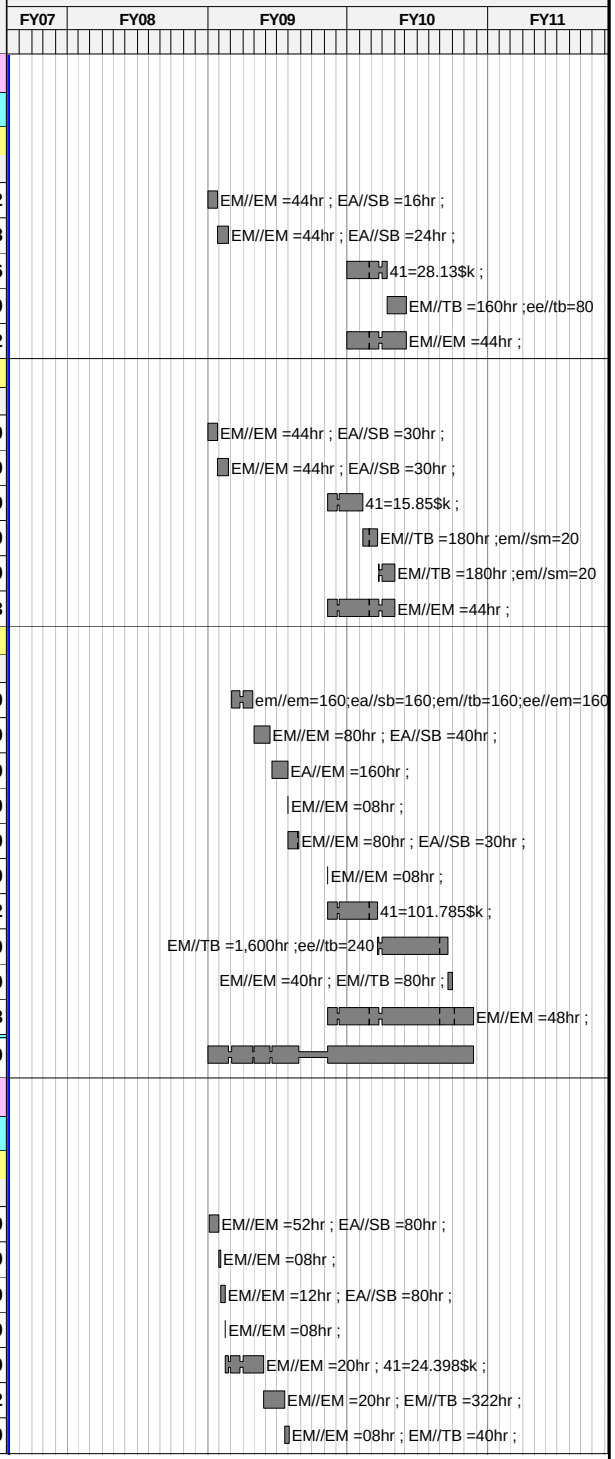
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
54 - Facility Timing & Synchronization							
Job: 5401 - Facility Timing & Synchron.-SICHTA							
R54-10	Preliminary System Design	30	01JUL09*	12AUG09		272	6,203.60
R54-11	PDR	0		12AUG09		272	0.00
R54-20	Final SystemDesign	40	13AUG09	08OCT09		272	6,235.22
R54-21	FDR	0		08OCT09		372	0.00
R54-30	Preliminary Design - Clock Dist.	20	09OCT09	05NOV09		372	10,593.20
R54-40	Final Design - Clock Dist.	30	06NOV09	21DEC09		372	25,365.20
R54-50	Test - Clock Dist.	40	26FEB10	22APR10		332	31,617.80
R54-60	Procurement	90	09OCT09	25FEB10		282	36,862.40
R54-70	UNT - Timing & Seq Emulation (FPGA Pgm)	90	02NOV09*	19MAR10		356	12,473.60
R54-80	UNT - Device Driver Prog (EPICS/MDSplus)	120	08DEC09	04JUN10		272	25,657.60
R54-90	Central Clock (EPICS) Programming	30	07JUN10	19JUL10		272	12,828.80
R54-100	Installation	90	26FEB10	02JUL10		282	27,987.20
R54-110	Test	14	20JUL10	06AUG10		272	9,532.80
Subtotal		274	01JUL09	06AUG10		272	205,357.42
55 - Real Time Plasma & Power Supply Control Sys							
Job: 5501 - Real Time Control System-SICHTA							
R55-10	FCPC - Preliminary Design	30	03AUG09*	14SEP09		300	6,203.60
R55-11	PDR	0		14SEP09		300	0.00
R55-20	FCPC -Final Design	60	15SEP09	09DEC09		300	12,744.48
R55-21	FDR	0		09DEC09		300	0.00
R55-30	FCPC - Procurement	60	10DEC09	15MAR10		300	13,683.20
R55-40	FCPC LabVIEW Programming	30	26MAR10	06MAY10		322	19,243.20
R55-45	FCPC PLC Integration-EPICS Prog.	30	26MAR10	06MAY10		322	6,414.40
R55-50	FCPC - Installation	60	16MAR10	08JUN10		300	9,532.80
R55-60	FCPC -Test	14	09JUN10	28JUN10		300	7,973.60
R55-70	GISRTC - Preliminary Design	30	01JUL09*	12AUG09		292	6,203.60
R55-71	PDR	0		12AUG09		292	0.00
R55-80	GISRTC -Final Design	60	13AUG09	05NOV09		292	3,147.47
R55-81	FDR	0		05NOV09		292	0.00
R55-90	GISRTC - Procurement	60	06NOV09	11FEB10		292	13,683.20
R55-100	GISRTC LabVIEW Programming	30	12FEB10	25MAR10		292	19,243.20
R55-110	GISRTC - Installation	60	26MAR10	18JUN10		292	7,829.28
R55-120	GISRTC -Test	14	21JUN10	09JUL10		292	3,207.20



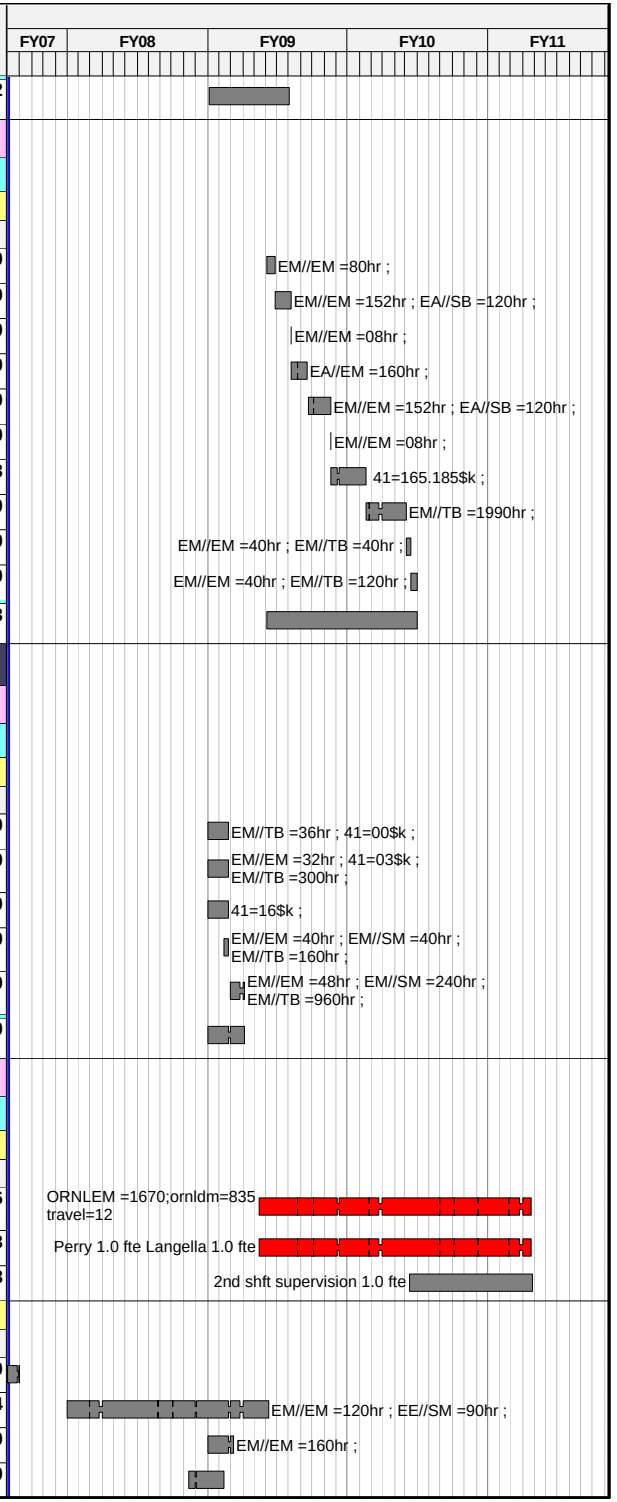
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
Subtotal		254	01JUL09	09JUL10		292	129,109.23
56 - Central Safety and Interlock Systems							
Job: 5601 - Central Safety &Interlock Sys-SICHTA							
R56-10	Requirements, Codes&Standards	60	01JUN09*	24AUG09		268	6,203.60
R56-20	Preliminary Design	30	25AUG09	06OCT09		268	6,231.71
R56-21	PDR	0		06OCT09		268	0.00
R56-30	PLC Training	60	07OCT09	12JAN10		388	15,374.80
R56-35	Final Design	30	07OCT09	17NOV09		268	22,450.40
R56-36	FDR	0		17NOV09		268	0.00
R56-40	Procurement	60	18NOV09	23FEB10		268	50,126.40
R56-50	PLC Programming	90	24FEB10	30JUN10		268	19,243.20
R56-60	Installation	70	24FEB10	02JUN10		288	87,412.00
R56-70	Test	30	01JUL10	12AUG10		268	15,947.20
Subtotal		300	01JUN09	12AUG10		268	222,989.31
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	7,182.81
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	69,144.01
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		487	13,183.60
6101-105	Procure Hardware and materials Vac Pmp water sys	90	29OCT08	16MAR09		487	7,459.09
6101-110	Fabricate and Install Vac Pmp water sys	40	17MAR09	11MAY09		487	21,135.28
6101-115	Test Vac Pmp water sys	22	12MAY09	11JUN09		487	4,622.40
Subtotal		172	01OCT08	11JUN09		487	46,400.37



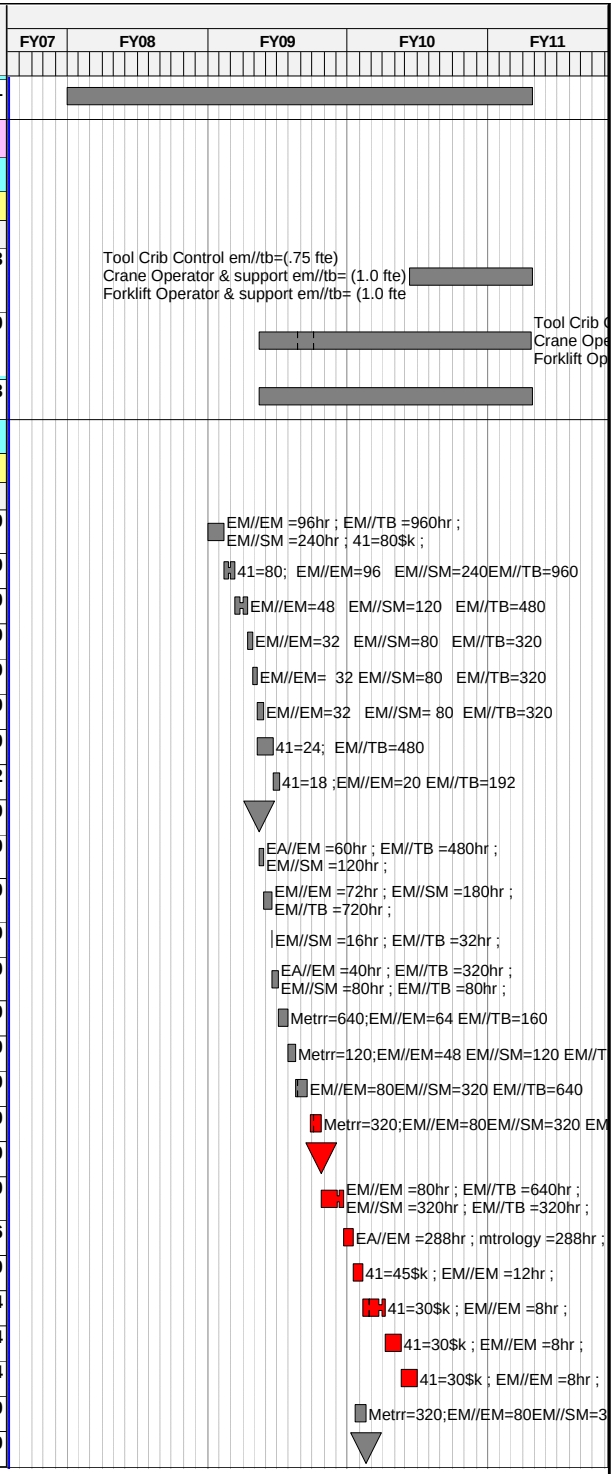
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
62 - Cryogenic Systems							
Job: 6201 - Cryogenic Systems-DUDEK							
621 - LN2-LHe Supply System							
621-101	LN2 - LHe Supply-Preliminary Design	20	01OCT08*	28OCT08		450	9,256.72
621-121	LN2 - LHe Supply-Final Design	20	29OCT08	25NOV08		451	10,244.08
621-131	LN2 - LHe Supply-Procure Hardware & Materials	65	01OCT09*	13JAN10		353	40,282.16
621-141	LN2 - LHe Supply-Fabricate & Assembly	35	14JAN10	03MAR10		353	20,272.00
621-151	LN2 - LHe Supply-Title III	100	01OCT09	03MAR10		353	7,529.72
622 - LN2 Coil Cooling Supply							
622-101	LN2 Coil Cooling Supply-Prelim Design	20	01OCT08*	28OCT08		450	10,984.60
622-121	LN2 Coil Cooling Supply-Final Design	20	29OCT08	25NOV08		451	10,984.60
622-131	LN2 Coil Cooling Supply-Procure Hardware	65	12AUG09*	11NOV09		373	22,398.49
622-141	LN2 Coil Cooling Supply-Assemble Skid	25	12NOV09	18DEC09		373	18,158.80
622-151	LN2 Coil Cooling Supply-Relocate skid to NCSX TC	25	21DEC09	03FEB10		373	18,158.80
622-161	LN2 Coil Cooling Supply-Title III	115	12AUG09	03FEB10		373	7,454.33
623 - GN2 Cryostat Cooling System							
623-100	GN2 Cryostat Cooling Sys Development	30	05DEC08*	26JAN09		365	87,993.60
623-101	GN2 Cryostat Cooling Sys-Preliminary Design	30	02FEB09*	13MAR09		361	18,176.80
623-121	GN2 Cryostat Cooling Sys-Analysis	30	19MAR09*	29APR09		328	30,593.60
623-141	GN2 Cryostat Cooling Sys-WBS 62/171 PDR	1	30APR09	30APR09		328	1,324.00
623-161	GN2 Cryostat Cooling Sys-Final Design	20	01MAY09	29MAY09		328	16,942.60
623-181	GN2 Cryostat Cooling Sys-WBS 62/171 FDR	1	11AUG09	11AUG09		278	1,324.00
623-201	GN2 Cryostat Cooling Sys-Procure Hardware	88	12AUG09	16DEC09		278	144,346.32
623-221	GN2 Cryostat Cooling Sys-Assemble & Install	122	17DEC09	17JUN10		278	156,307.20
623-261	WBS 62/171 Cryo systems PTP	10	18JUN10	01JUL10		278	13,666.00
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		514	18,479.60
6301-005	Vac Vent and Air sys- PDR	1	03NOV08*	03NOV08		514	1,324.00
6301-009	Vac Vent and Air sys- Final dsn	10	04NOV08*	17NOV08		514	11,859.60
6301-010	Vac Vent and Air sys- FDR	1	18NOV08*	18NOV08		514	1,324.00
6301-013	Vac Vent and Air sys- Procure hardware and compo	60	19NOV08	23FEB09		514	37,396.80
6301-017	Vac Vent and Air sys- Fabricate and Install	40	24FEB09*	20APR09		514	29,862.12
6301-020	Vac Vent and Air sys-Test	10	21APR09*	04MAY09		514	4,622.40



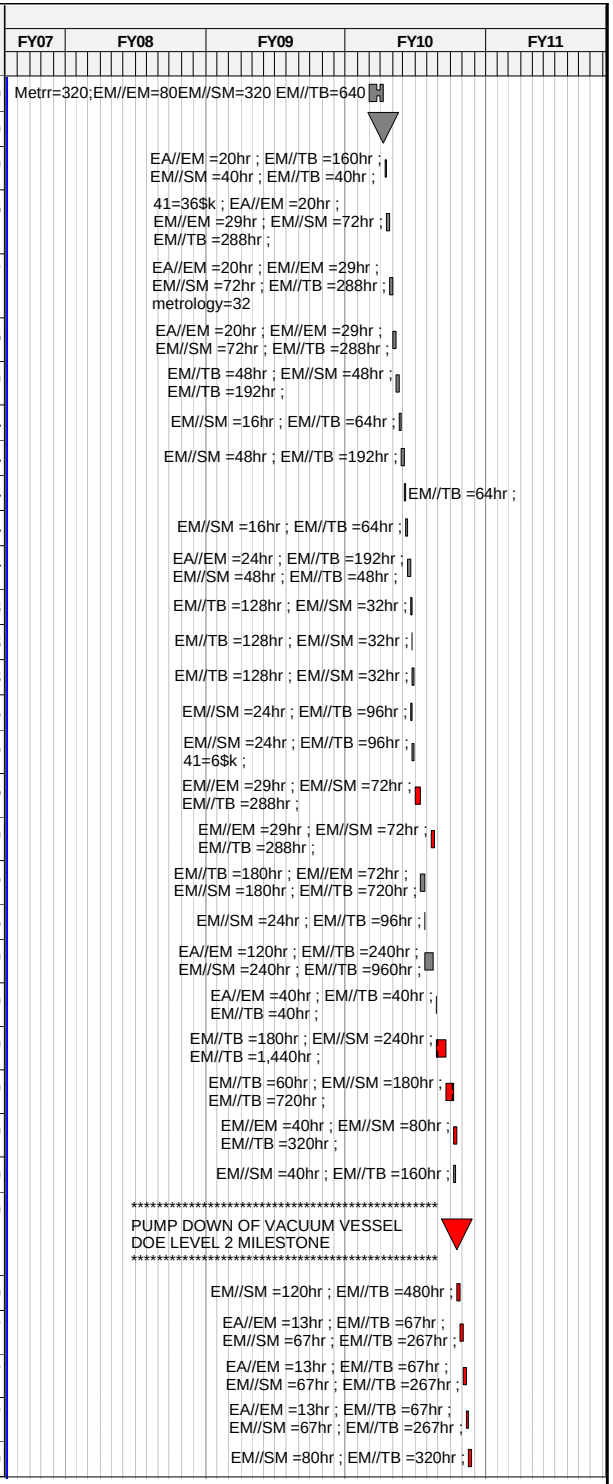
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
Subtotal		142	06OCT08	04MAY09		514	104,868.52
64 - PFC/VV Heating & Cooling (Bakeout)							
Job: 6401 - PFC/VV Htng/Cooling(bakeout)- DUDEK							
6401-000	Bakeout Sys- Requirements Definition	15	05MAR09*	25MAR09		379	13,240.00
6401-001	Bakeout Sys-Preliminary Design	30	26MAR09*	06MAY09		379	39,966.40
6401-002	Bakeout Sys-PDR	1	07MAY09*	07MAY09		379	1,324.00
6401-004	Bakeout Sys- EA Analysis	30	08MAY09	19JUN09		379	30,593.60
6401-005	Bakeout Sys-Final Design	40	22JUN09*	17AUG09		379	39,966.40
6401-009	Bakeout Sys-FDR	1	18AUG09*	18AUG09		379	1,324.00
6401-010	Bakeout Sys-Procure Piping & Equipt	65	19AUG09*	18NOV09		379	233,883.63
6401-013	Assemble & Install	65	19NOV09*	03MAR10		379	169,667.40
6401-017	Bakeout Sys- ACC Review	10	04MAR10*	17MAR10		379	10,255.60
6401-020	Bakeout Sys-PTP Testing	10	18MAR10*	31MAR10		379	17,076.40
Subtotal		267	05MAR09	31MAR10		379	557,297.43
7 - Test Cell Preparation and Machine Assy							
73 - Platform Design & Fabrication							
Job: 7301 - Platform Design & Fab-PERRY							
711A.040	Platform nut plates	40	02OCT08	26NOV08		245	3,004.40
712.020	Platform Parts	40	02OCT08	26NOV08		245	34,225.00
712.030	Miscs Hardware/Material	40	02OCT08	26NOV08		245	22,352.00
7301-100	Survey & layout locations for platform posts	10	13NOV08	26NOV08		245	25,252.80
7301-102	Machine platform trial assembly & fitup	20	01DEC08*	06JAN09		245	119,740.80
Subtotal		60	02OCT08	06JAN09		245	204,575.00
74 - Machine Assembly Planning and Oversight							
Job: 7401 - TC Prep & Mach Assy Planning-PERRY							
Oversight and Supervision							
1802ORNLFA	ORNL Title III final machine assy	483*	12FEB09	21JAN11		215	381,951.36
714.030	LOE Start of assy through thru completion	483*	12FEB09	21JAN11	LOE	215	1,026,369.53
714.031	Additional supervision for 2nd shift	231*	10MAR10*	26JAN11	2	437	276,137.38
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		259	26,480.00
7502-001	Test Cell 110/208voutlets GPP SCOPE TO COMPLETE	65	15AUG08*	14NOV08		273	0.00



Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
Subtotal		0		26JAN11		426	1,435,028.21
75 - Test Cell and Basement Assembly Operations							
Job: 7501 - Construction Support Crew-PERRY							
General Assy Support							
7501-06	Construction Support Crew for 2nd shift	231*	10MAR10*	26JAN11	2	437	473,000.63
7501-05	Construction Support Crew during machine assy	505*	12FEB09	21JAN11		218	962,705.80
Subtotal		508	12FEB09	26JAN11		437	1,435,706.43
Job: 7503 - Machine Assembly (station 6)-PERRY							
7501-10	Fabricate/Assemble assembly structure	30	01OCT08*	11NOV08	1	221	239,444.80
7501-10.1	Fab struct to go between assy sleds&FPA's	20	12NOV08	11DEC08	1	221	239,444.80
7501-10.2	Assemble 3 FPA support stands	15	12DEC08	12JAN09	1	221	63,842.40
7501-10.3	Assemble 3 VV spool piece support stands	10	13JAN09	26JAN09	1	221	42,561.60
7501-10.4	Assemble machine base structure	10	27JAN09	09FEB09	1	221	42,561.60
7501-10.5	Assemble 3 FPA installation carts	10	10FEB09	23FEB09	1	221	42,561.60
7501-10.6	Fab 3 laser support poles	30	10FEB09*	23MAR09	1	250	73,108.80
7501-10.7	Fab 3 concrete blocks for testing assy struct	12	24MAR09	08APR09	1	250	44,288.32
7503-010	Begin Assembly Activities	0	12FEB09*		1	219	0.00
7503-020	Install Permanent support base and columns	10	12FEB09	25FEB09	1	219	67,371.00
7503-015	Install Temp Assembly Structure	15	26FEB09	18MAR09	1	219	95,763.60
7503-060	Install Lower PF 4,5&6 into prelim position	1	19MAR09	19MAR09	1	219	4,814.40
7503-070	Install 3 Spool Pieces on fixt & test movement	10	20MAR09	02APR09	1	219	51,510.80
7501-10.9	Install test cell metrology site monuments & chk	20	03APR09	30APR09	1	219	85,123.20
7501-10.10	Test TC floor deflections with concrete block	15	01MAY09	21MAY09	1	219	73,737.60
7501-10.8	Exercise assy struc with concrete blocks & metro	20	22MAY09	19JUN09	2	219	109,528.00
7503-080A	FPA-1 Installation and assembly test	20	26JUN09	24JUL09	1	215	135,915.20
7503-080	FPA-1 Installed on sleds	0		24JUL09	1	215	0.00
7501-11	Exercise assy struc w/FPA-1 before start of assy	40	27JUL09	21SEP09	1	215	135,915.20
7503-415.7	Measure vsl gaps to determ spool piece dimension	18	22SEP09	15OCT09	1	215	80,453.76
7503-415.0	Spool piece installation test	20	16OCT09	12NOV09	1	215	140,532.00
7503-416.1	Machine Flange A & B of Spool Piece 1	30	13NOV09	07JAN10	1	215	44,329.04
7503-416.2	Machine Flange A & B of Spool Piece 2	30	08JAN10	18FEB10	1	215	44,329.04
7503-416.3	Machine Flange A & B of Spool Piece 3	30	19FEB10	01APR10	1	215	44,329.04
7503-110A	FPA-2 Installation and assembly test	20	22OCT09	18NOV09	1	226	140,532.00
7503-110	FPA-2 Installed on sleds	0		18NOV09	1	226	0.00



Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
7503-150A	FPA-3 Installation and assembly test	20	02DEC09	08JAN10	1	219	140,532.00
7503-150	FPA-3 Installed on sleds	0		08JAN10	1	219	0.00
7503-120	Test movement of FPA's incl position checks.	5	11JAN10	15JAN10	1	219	26,630.20
7503-400	Install inboard and outboard shims	6	18JAN10	25JAN10	1	219	95,147.05
7503-402	Move all FPA's together, chk fitup,tack shims	6	26JAN10	02FEB10	1	219	46,323.37
7503-404	Weld inboard shims on mating flanges	6	03FEB10	10FEB10	1	219	43,595.05
7503-406	Install TF coils at ends of each FPA	6	11FEB10	18FEB10	1	219	27,211.20
7503-410	Install spacer supports and spacers	2	19FEB10	22FEB10	1	219	7,706.24
7503-412	Move FPA's & spacers together/chk fitup	6	23FEB10	02MAR10	1	219	25,847.04
7503-414	Remove Spacers & Machine spacers to fit	4	03MAR10	08MAR10	1	219	5,456.64
7503-415	Re-install spacers	2	09MAR10	10MAR10	1	219	7,706.24
7503-160	Position all FPA's / Spool Pieces @ MC Interface	6	11MAR10	18MAR10	1	219	31,956.24
7503-090	Install local Platforms around FPA-1	2	19MAR10	22MAR10	2	219	15,412.48
7503-130	Install local Platforms around FPA-2	2	23MAR10	24MAR10	2	219	15,412.48
7503-190	Install local Platforms around FPA-3	2	25MAR10	26MAR10	2	219	15,412.48
7503-415.5	MC Interface:meas holes/mark bushings f/drilling	3	19MAR10	23MAR10	1	219	11,559.36
7503-415.6	drill eccentric custom holes in bushings	3	24MAR10	26MAR10	1	219	20,151.36
7503-416	Position Spool pieces and Bolt MC flanges	9	02APR10	14APR10	2	215	39,640.85
7503-417	Retorque all super nuts after 30 days	6	14MAY10	21MAY10	2	215	79,281.70
7503-418	Raise permanent supports to take machine loads	8	15APR10	26APR10	2	218	114,363.36
7503-419	Remove temporary assy structure	1	27APR10	27APR10	2	218	11,559.36
7503-419.1	Install/Level FPA's and spool piece supports	15	28APR10	18MAY10	2	218	159,781.20
7503-419.2	FPA Metrology checks to assure alignment	3	24MAY10	26MAY10	2	215	14,729.20
7503-420	Mate-up and Weld spacers onto vvsa	15	27MAY10	17JUN10	2	215	171,865.20
7503-422	Weld all six port 4's in place	15	18JUN10	09JUL10	2	215	91,810.80
7503-422.1	Install E-Beam mapping & diag equipt	5	12JUL10	16JUL10	2	215	45,376.40
7503-240	Install Vacuum pumping system	3	12JUL10	14JUL10	2	217	19,265.60
7503-250	Begin Vac Vsl Pumpdown	0	19JUL10		2	215	0.00
7503-260	PTP Pumpdown & leak check VV	8	19JUL10	28JUL10	2	215	57,796.80
7503-424	Install TF alingment & traction ring	4	29JUL10	03AUG10	2	215	40,467.27
7503-426	Pull TF coil radially inward. Verify nose fit up	5	04AUG10	10AUG10	2	215	40,467.27
7503-428	Lock TF coils at four support locations	4	11AUG10	16AUG10	2	215	40,467.27
7503-430	Install MC structure insulation boots port 4's	5	17AUG10	23AUG10	2	215	38,531.20

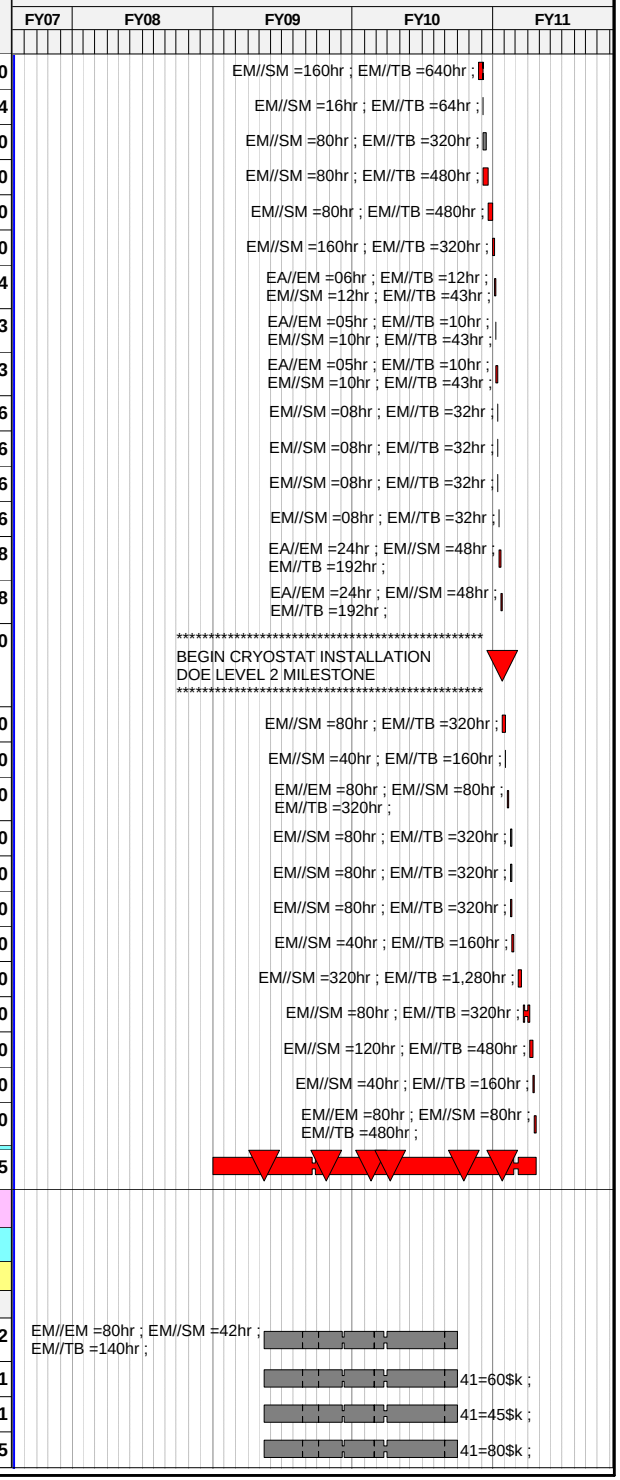


Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
7503-431	Seal gaps MC shims,cooling tubes, for insul pour	10	24AUG10	07SEP10	2	215	77,062.40
7503-432	Fill MC/VVSA annulus with pourable aerogel insul	1	08SEP10	08SEP10	2	215	7,706.24
7503-433.1	Install LN2 manifolds	5	09SEP10	15SEP10	2	231	38,531.20
7503-434	Instl in-cryostat cabling for elect pwr to coils	8	09SEP10	20SEP10	2	215	52,172.80
7503-436	Connect cabling, and I&C to MC & TF Coils	8	21SEP10	30SEP10	2	215	52,172.80
7503-439	Complete mag diag & machine I&C	5	01OCT10	07OCT10	2	215	51,472.00
7503-438	Align guide mechanism for solenoid installation	1	08OCT10	08OCT10	2	215	7,819.94
7503-444	Install solenoid support structure	1	11OCT10	11OCT10	2	215	7,148.43
7503-440	Install solenoid assembly	1	12OCT10	12OCT10	2	215	7,148.43
7503-442	Connect cabling, LN2 andI&C to solenoid assy	1	13OCT10	13OCT10	2	215	3,984.16
7503-446	Install PF4L	1	14OCT10	14OCT10	2	215	3,984.16
7503-448	Connect cabling, LN2 and I&C to PF4L	1	15OCT10	15OCT10	2	215	3,984.16
7503-450	Adjust spring compression in solenoid sprt struc	1	18OCT10	18OCT10	2	215	3,984.16
7503-451	Raise lower PF 5&6 coils into final position	3	19OCT10	21OCT10	2	215	28,811.28
7503-452	Instl Upper PF 4, 5 & 6	3	22OCT10	26OCT10	2	215	28,811.28
7503-330	Begin Cryostat Installation	0	27OCT10		2	215	0.00
7503-454	Install cryostat base, vapor barrier port boots	5	27OCT10	02NOV10	2	215	39,841.60
7503-456	Install elec pwr, LN2, & instr feedthrus	3	03NOV10	05NOV10	2	215	19,920.80
7503-458	Integrated Electrical testing	5	08NOV10	12NOV10	2	215	53,997.60
7503-460	Instl transition box,cabling,&connect to pwr sup	5	15NOV10	19NOV10	2	249	39,841.60
7503-462	LN2 connections from coils to manifolds	5	15NOV10	19NOV10	2	223	39,841.60
7503-464	Connect coil & VV instrumentation	5	15NOV10	19NOV10	2	215	39,841.60
7503-466	Connect 150C bakeout	3	22NOV10	24NOV10	2	215	19,920.80
7503-470	Install cryostat cooling syst & instrumentation	10	06DEC10	17DEC10	2	215	159,366.40
7503-471	Install cryostat upper section, VB & port boots	5	20DEC10	03JAN11	2	215	39,841.60
7503-472	Install midplane cryostat sections & port boots	8	04JAN11	13JAN11	2	215	59,762.40
7503-473	Install cryostat circulation duct	3	14JAN11	18JAN11	2	215	19,920.80
730.8200	PTP and Cool down	3	19JAN11	21JAN11	2	215	68,103.20
Subtotal		570	01OCT08	21JAN11		215	4,518,454.15

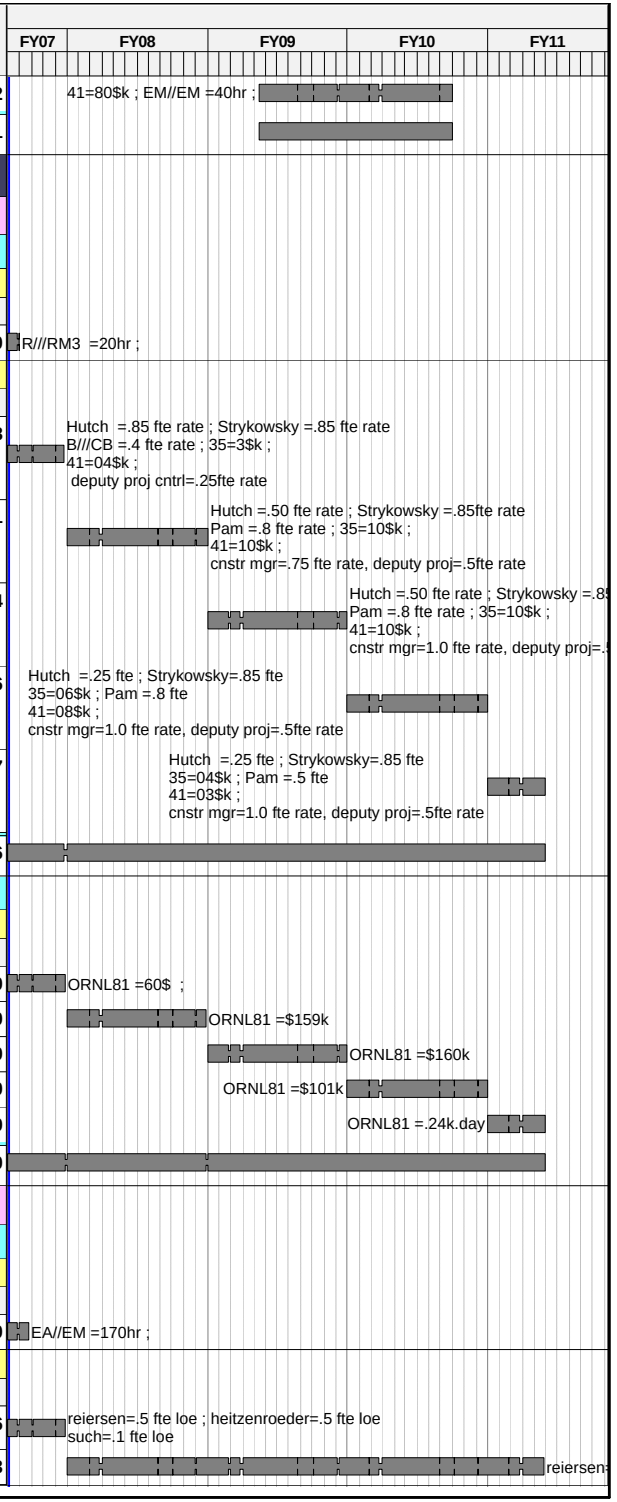
76 - Tooling Design & Fabrication

Job: 7601 - Tooling Design & Fabrication-PERRY

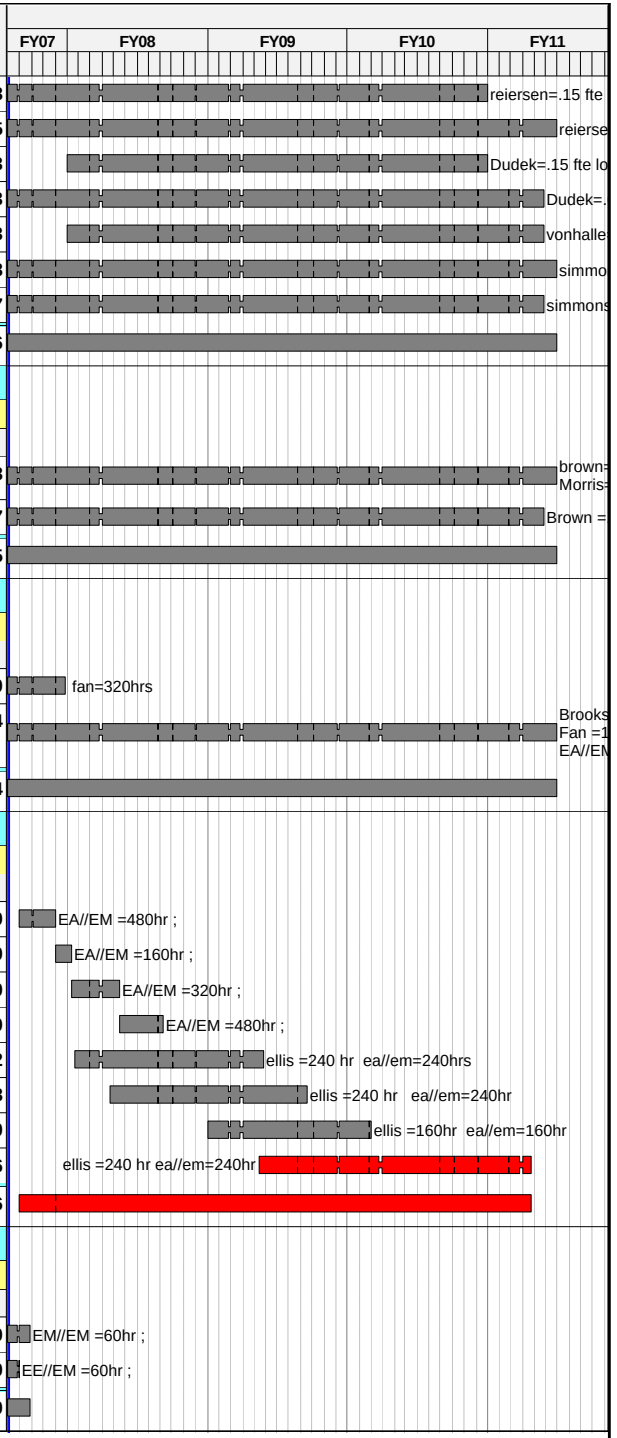
713.020	Lab Fab/Assy/Installation	348	12FEB09*	02JUL10		370	31,049.52
713.030	Tooling,assy fixtures,misc equipt	348	12FEB09*	02JUL10		370	84,942.41
713.040	General procurements	348	12FEB09*	02JUL10		370	63,706.81
713.050	Welding tools, materials & equipt	348	12FEB09*	02JUL10		370	113,256.55



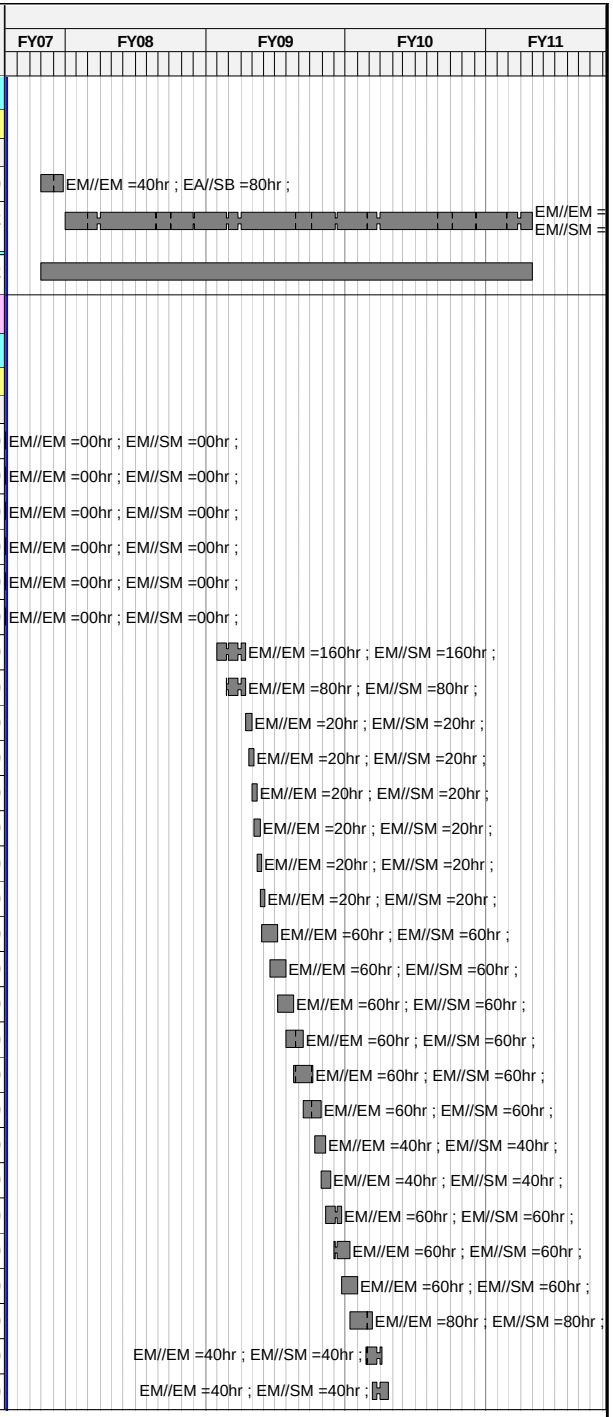
Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
713.060	Torque wrenches and multipliers	348	12FEB09*	02JUL10		370	119,996.92
Subtotal		348	12FEB09	02JUL10		370	412,952.21
8 - Project Oversight and Support							
81 - Project Management and Control							
Job: 8101 - Project Management & Control-NEILSON							
FY07 Rebaseline Exercise							
ECP53RBX16	FY07 Rebaseline exercise	22*	01MAY07*	31MAY07		1,333	4,526.60
810.005	Project Management OfficePPPL FY07 (LOE)	102*	01MAY07	24SEP07		1,253	278,793.18
810.900	Project Management Office PPPL FY08 (LOE)	250*	01OCT07*	30SEP08		999	895,410.81
810.901	Project Management Office PPPL FY09 (SA LOE)	249*	01OCT08*	30SEP09		403	1,014,821.54
810.909	Project Management Office PPPL FY10 (LOE)	248	01OCT09	30SEP10		403	926,776.86
810.910	Project Management Office PPPL FY11 (LOE)	99	01OCT10	28FEB11		403	365,348.47
Subtotal		952	01MAY07	28FEB11		403	3,485,677.46
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		402	160,000.00
810.106X	Project Management Office ORNL FY10 (SA LOE)	248	02OCT09	01OCT10		402	101,000.00
810.106Z	Project Management Office ORNL FY11 (SA LOE)	99	04OCT10	01MAR11		402	23,760.00
Subtotal		953	01MAY07	01MAR11		402	504,180.00
82 - Project Engineering							
Job: 8202 - Engr Mgmt & Sys Eng Support-REIERSEN							
FY07 Rebaseline Exercise							
ECP53RBX19	FY07 Rebaseline exercise	39*	01MAY07*	25JUN07		1,316	30,227.70
820.04X	Engr Management FY07 (LOE)	103*	01MAY07	25SEP07		1,252	135,454.16
820.04Y	Engr management (SA LOE)	843*	01OCT07*	23FEB11		406	648,309.13



Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
820.04Z	RLM (WBS 13,15,17) (SA LOE)	853*	01MAY07*	30SEP10		502	168,408.48
820.004Z	Reqmnts mgt & design verification	975*	01MAY07*	31MAR11		380	187,828.65
820-004Y	RLM (WBS 2,3 &6) (SA LOE)	747*	01OCT07*	30SEP10		502	128,801.13
820.004X	RLM (fabrication) (SA LOE)	949*	01MAY07*	23FEB11		406	650,600.83
820.005	RLM (WBS 4 & 5) (SA LOE)	842*	02OCT07*	23FEB11		406	157,859.43
8205FY07	Systems Engineering Support document control	975*	01MAY07*	31MAR11		380	162,913.78
8205FY08	Systems Engineering Support (SA LOE)	949*	01MAY07*	23FEB11		406	188,818.77
Subtotal		975	01MAY07	31MAR11		380	2,459,222.06
Job: 8203 - Design Integration-BROWN							
8203FY07	Design Integration ,& metro support	975*	01MAY07*	31MAR11		380	985,692.58
8203FY08	CAD Support (SA LOE)	949*	01MAY07*	23FEB11		406	375,821.97
Subtotal		975	01MAY07	31MAR11		380	1,361,514.55
Job: 8204 - Systems Analysis-BROOKS							
8204FY07	Systems Analysis FY07 Analysis for structure dsn	106*	01MAY07	28SEP07		1,249	56,899.20
8204FY08	Systems Analysis, studies and tech assurance	975*	01MAY07*	31MAR11		380	1,103,980.44
Subtotal		975	01MAY07	31MAR11		380	1,160,879.64
Job: 8205 - Dimensional Control Coordin-REIERSEN							
METFY07R1	Dimensional control plans for station 2	65	01JUN07*	31AUG07		221	85,348.80
METDCP-3	Dimensional control plans for station 3	30	04SEP07	15OCT07		304	28,916.00
METDCP-5	Dimensional control plans for station 5	80	16OCT07	15FEB08		328	59,443.20
METDCP-6	Dimensional control plans for station 6	80	18FEB08	09JUN08		340	89,164.80
METFY08R	Support FPA Station 2	331*	24OCT07	26FEB09		255	89,939.32
METFY08RX	Support FPA Station 3	355*	23JAN08	19JUN09		223	90,476.48
METFY09	Support FPA Station 5	291*	01OCT08	01DEC09		219	61,487.40
METFY10	Support Final Machine Assy	483*	12FEB09	21JAN11		215	94,341.86
Subtotal		904	01JUN07	21JAN11		215	599,117.86
Job: 8210 - FY07 Rebaseling tasks							
FY07 Rebaseline Exercise							
ECP53RBX23	FY07 Rebaseline exercise	40	01MAY07*	26JUN07		1,315	9,235.20
ECP53RBX25	FY07 Rebaseline exercise	22*	01MAY07*	31MAY07		1,333	9,966.00
Subtotal		40	01MAY07	26JUN07		1,315	19,201.20



Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
Job: 8215 Plant Design							
FY07 Rebaseline Exercise							
8210-07	Update plant model	42*	01AUG07*	28SEP07		1,249	15,339.20
8210-08	Plant Design FY08	826	01OCT07*	31JAN11		423	105,719.02
Subtotal		868	01AUG07	31JAN11		423	121,058.22
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		427	48,236.80
8501-129	NCSX-XX, Administrative Control of Procedures	30	24NOV08	15JAN09		413	24,118.40
8501-133	OP-AD-39, Conduct of Operations	10	16JAN09	29JAN09		413	6,029.60
8501-137	OP-AD-56, Cntrl Equipt & Syst Status (chain of c	10	23JAN09	05FEB09		413	6,029.60
8501-141	OP-AD-24, Cntrl Workplace Cleanliness D-Site Exp	10	30JAN09	12FEB09		413	6,029.60
8501-145	OP-AD-31, D- Site Fire Watch Requirements	10	06FEB09	19FEB09		413	6,029.60
8501-149	OP-AD-03, Experimental Proposals for NCSX	10	13FEB09	26FEB09		413	6,029.60
8501-153	OP-AD-117 Operation of the NCSX Access System	10	20FEB09	05MAR09		413	6,029.60
8501-157	NCSX-OP-XX, Prep of Exper Areas for Machine Ops	30	27FEB09	09APR09		413	18,088.80
8501-161	NCSX-OP-XX, Operation of the NCSX TVPS	30	20MAR09	30APR09		413	18,088.80
8501-165	NCSX-OP-XX, Testing NCSX HIS Safe for Access	30	10APR09	21MAY09		413	18,088.80
8501-169	NCSX-OP-XX, Testing the NCSX Emergency Stop Syst	30	01MAY09	12JUN09		413	18,088.80
8501-173	NCSX-OP-XX, NCSX Training Matrix	30	22MAY09	06JUL09		413	18,088.80
8501-177	NCSX-OP-XX, NCSX Ops Guide -Startup and Shutdown	30	15JUN09	27JUL09		413	18,088.80
8501-181	NCSX-OP-XX, HPP Daily Operations	20	14JUL09	10AUG09		413	12,059.20
8501-185	NCSX-OP-XX, ACP & PDP Trip Control Settings	20	28JUL09	24AUG09		413	12,059.20
8501-189	NCSX-OP-G-XX Preparation for NCSX pumpdown	30	11AUG09	22SEP09		413	18,088.80
8501-193	NCSX-OP-XX Helium H/C System Operations Procedur	30	01SEP09	13OCT09		413	18,273.30
8501-197	NCSX-OP-G-XX Daily Hi-Pot Test Vacuum Vessel	30	23SEP09	03NOV09		413	18,580.80
8501-201	ISTP-NCSX-01 Coil EnergizationTests	40	14OCT09	10DEC09		413	24,938.40
8501-205	OP-ECS-245 FCPC Daily Startup/Shutdown Procedure	20	25NOV09	05JAN10		413	12,469.20
8501-209	NCSX-XX Leak Checking of NCSX	20	11DEC09	19JAN10		413	12,469.20



Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
920.000	Startup Personnel	76	25OCT10	17FEB11	1	410	418,829.00
8501-102	Punch list & CSIS & HIS PTP's complete,	5	25OCT10*	29OCT10	1	218	0.00
8501-103	PTP's complete for ECS,HCS,vac pmpg	5	01NOV10	05NOV10	1	218	0.00
8501-104	ACC review and ORA	5	08NOV10	12NOV10	1	218	0.00
730.1250	PSO Operational Readiness Assessment	0		12NOV10	1	218	0.00
8501-301	Configure for Startup ISTP	5	15NOV10	19NOV10	1	218	0.00
8501-305	Coil Testing at room temp	5	29NOV10	03DEC10	1	215	0.00
8501-106	Coil testing @ cryo temp, Pump-down VV	5	24JAN11	28JAN11	1	215	0.00
8501-107	Combined field testing, Make 1st Plasma	5	31JAN11	04FEB11	1	215	0.00
8501-108	Vent VV, Config for & instl e-beam mapping	5	07FEB11	11FEB11	1	215	0.00
8501-306	E-beam mapping	5	14FEB11	18FEB11	1	215	0.00
8501-110	NCSX Startup Complete	0		18FEB11	1	215	0.00
730.9000	CD-4	0		23DEC11*	1	0	0.00
Subtotal		0		23DEC11		194	764,832.70

Allocations

99 - PPPL Allocations

Job: 8998 - Allocations-STRYKOWSKY

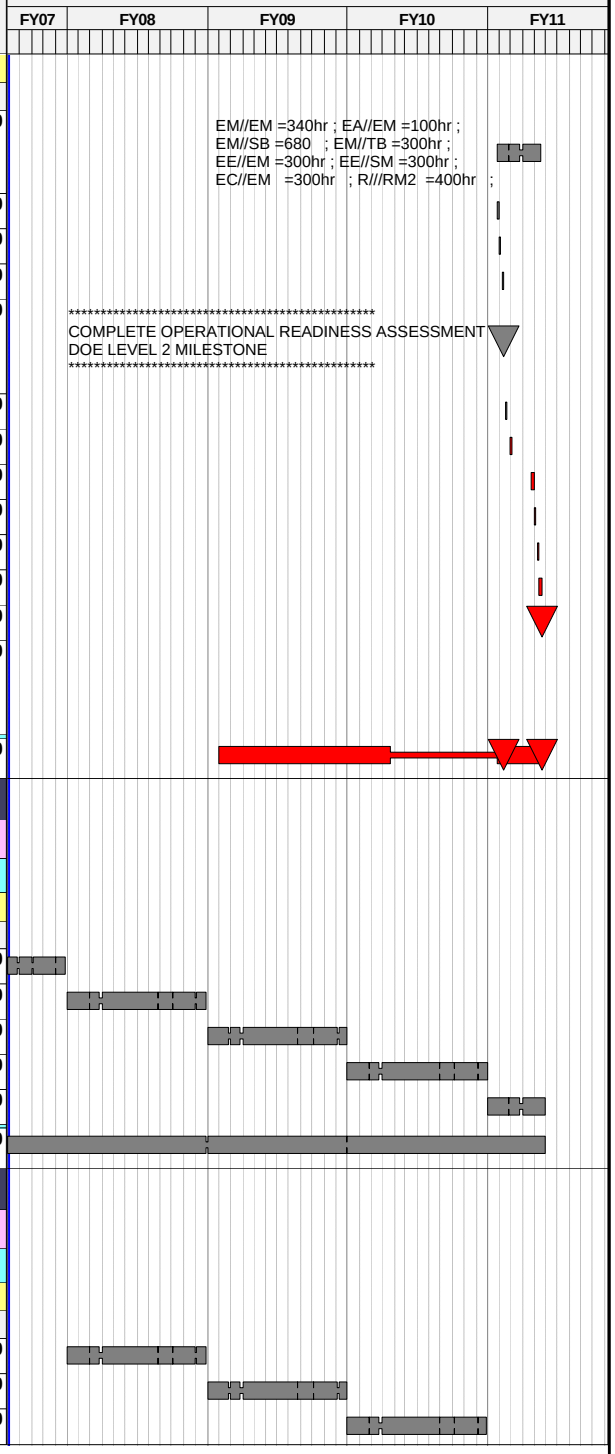
99.07	PPPL Allocations FY07 LOE	106*	01MAY07*	28SEP07		1,249	146,987.80
99.08	PPPL Allocations FY08 LOE	249*	01OCT07*	29SEP08		1,000	384,384.00
99.081	PPPL Allocations FY09 LOE	247*	01OCT08*	28SEP09		752	406,232.00
99.09	PPPL Allocations FY10 SA LOE	248*	01OCT09*	30SEP10		502	430,800.00
99.10	PPPL Allocations FY10	99*	01OCT10*	28FEB11		403	110,400.00
Subtotal		952	01MAY07	28FEB11		403	1,478,803.80

Contingency

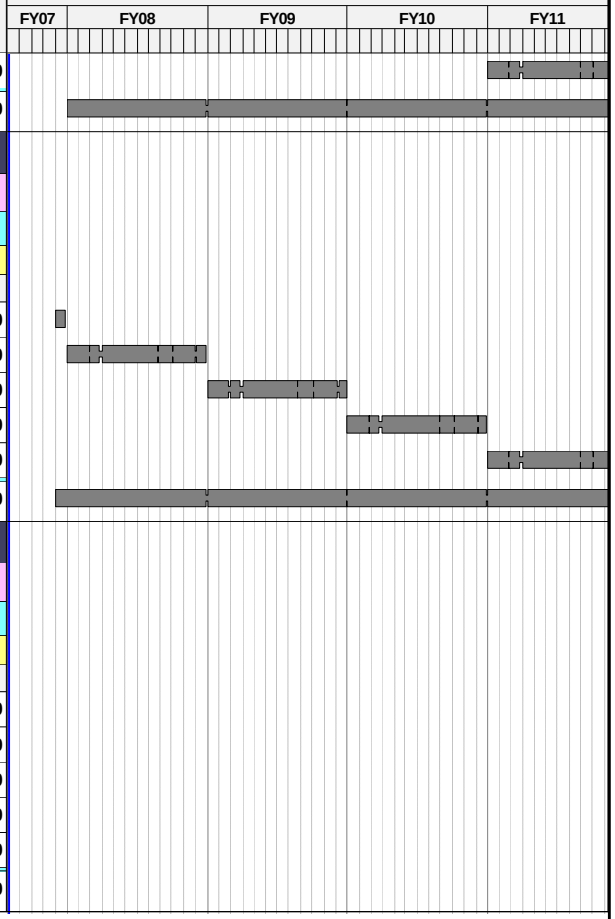
Contingency

Contingency-Project

C08	Contingency FY08	249*	01OCT07*	29SEP08		1,000	2,400,000.00
C09	Contingency FY09	247*	01OCT08*	28SEP09		752	3,947,000.00
C10	Contingency FY10	246*	01OCT09*	28SEP10		504	3,396,000.00



Activity ID	Activity Description	Duration (work days	Baseline Start	Baseline Finish	Shifts	Total Float	Latest Budgeted Cost
C11	Contingency FY11	248*	01OCT10*	28SEP11		254	2,000,000.00
Subtotal		995	01OCT07	28SEP11		254	11,743,000.00
Funding							
Funding							
Funding'							
F07	Funding FY07	19*	04SEP07*	28SEP07		1,249	16,771,000.00
F08	Funding FY08	249*	01OCT07*	29SEP08		1,000	15,900,000.00
F09	Funding FY09	247*	01OCT08*	28SEP09		752	18,200,000.00
F10	Funding FY10	246*	01OCT09*	28SEP10		504	18,900,000.00
F11	Funding FY11	248*	01OCT10*	28SEP11		254	19,500,000.00
Subtotal		1,014	04SEP07	28SEP11		254	89,271,000.00
Actual Cost							
ACtual Cost							
Actual Cost							
COST FY03	FY03 Cost	197	01APR03A	30SEP03A			5,941,920.00
COST FY04	FY04 Cost	197	01OCT03A	30SEP04A			14,314,350.00
COST FY05	FY05 Cost	197	01OCT04A	30SEP05A			18,131,610.00
COST FY06	FY06 Cost	197	01OCT05A	29SEP06A			19,072,810.00
COSTFY0306	FY07 Oct through April 30	197	01OCT06A	30APR07A			9,845,060.00
Subtotal		1,028	01APR03A	30APR07A			67,305,750.00



Row	Group Name					
1	ppl plan	*	14181187	16826462	15235625	4867846
4	orn plan	*	1724760	1374229	753436	286717
5	.....					
6	tot plan	*	15905948	18200691	15989062	5154563
7	..					
9	funding	*	15900000	18200000	18900000	19500000
10	...					
11	continge		2400000	3947000	3396000	2000000
		FY07	FY08	FY09	FY10	FY11