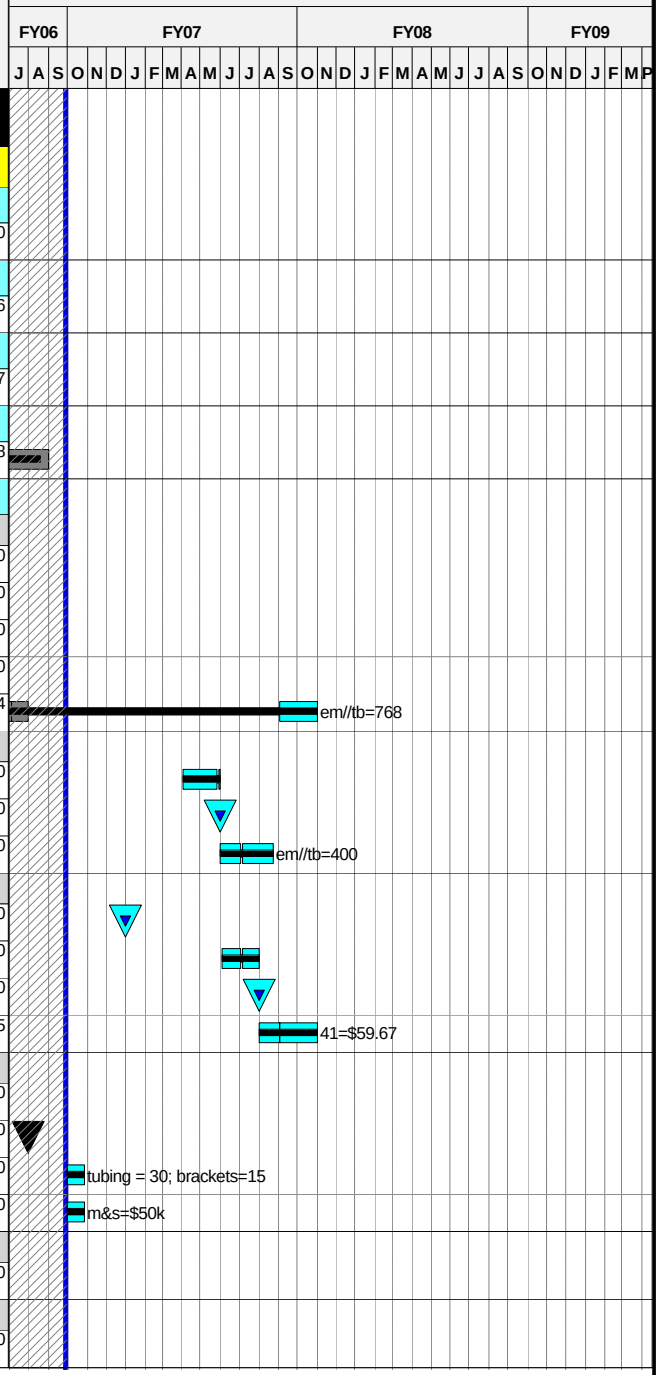
cc 9450 - NCSX Fabrication (MIE)

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-xx
12 - Vacuum Vessel Systems									
+ Job: 1201 - Vacuum Vessel Prelim Dsn-CLOSED****									
		01APR03A	133	07OCT03A			100	424,420.00	424,420.00
+ Job: 1202 - Vacuum Vessel R&D **CLOSED**									
		01APR03A	636	30SEP05A			100	1,770,181.86	1,770,181.86
+ Job: 1206 - VV Field Weld Joint R&D-CLOSED****									
		29APR04A	359	30SEP05A			100	15,639.37	15,639.37
+ Job: 1203 - Vacuum Vessel Final Dsn-GORANSON									
		01OCT03A	736	31AUG06A			100	1,247,839.08	1,247,839.08
Job:1204-VV Sys Procurements (non VVSA)-DUDEK									
VV Vertical Supports									
124-030.0	Release dwg package for fab VV Vertical Supports	30SEP05A	0					0.00	0.00
124-037A	Bid award Titanium Rod ends (PE6383)	01DEC05A	45	22DEC05A				0.00	0.00
124-037B	Deliver Titanium Rod ends (PE6383)	22DEC05A	86*	28APR06A				0.00	0.00
124-037C	Deliver Misc hardware (PE 006209)	31MAR06A	60	31MAR06A				0.00	0.00
124-037	PPPL Fab VV Vert. Supports (log # M1091)	01DEC05A	207*	31OCT07		103	50	31,507.22	63,014.44
VV Lateral Supports									
124-030L	SPEA VV Lateral Supports WBS 124	02APR07*	43	31MAY07		150		0.00	0.00
124-036.9L	Award VV Lateral Supports WBS 124		0	31MAY07*		150		0.00	0.00
124-037L	VV Lateral Supports Fab by PPPL WBS 124	01JUN07	60	24AUG07		150		0.00	33,288.00
VV Personnel Access Port									
124-100	Issue req & dwg package NB port cover	02JAN07*	0			216		0.00	0.00
124-110	SPEA VV NB port cover	04JUN07*	43	02AUG07		108		0.00	0.00
124-120	Award VV NB port cover		0	02AUG07		108		0.00	0.00
124-130	VV NB port cover Fabrication (for 3 inconnel	03AUG07	65	02NOV07		108		0.00	83,836.35
VV Heating/Cooling Tubing									
123-030	Issue RFQ & Select Vendor VV H/C Tubing WBS 123	31MAY06A	20	31MAY06A				0.00	0.00
123-036.9	Award H/C Tubing WBS 123		0	31JUL06A				0.00	0.00
123-037	Fabricate and Deliver H/C Tubing WBS 123	02OCT06*	20	27OCT06		253		0.00	61,695.00
123-037X	Fabricate and Deliver Saddle/clamp hardware	02OCT06*	20	27OCT06		729		0.00	68,550.00
+ VV Heater Tape									
		31MAY06A	1	31MAY06A			100	16,452.00	16,452.00
+ VV H/C Manifolds & Headers									
		03JAN06A	106	31MAY06A			100	65,808.00	65,808.00



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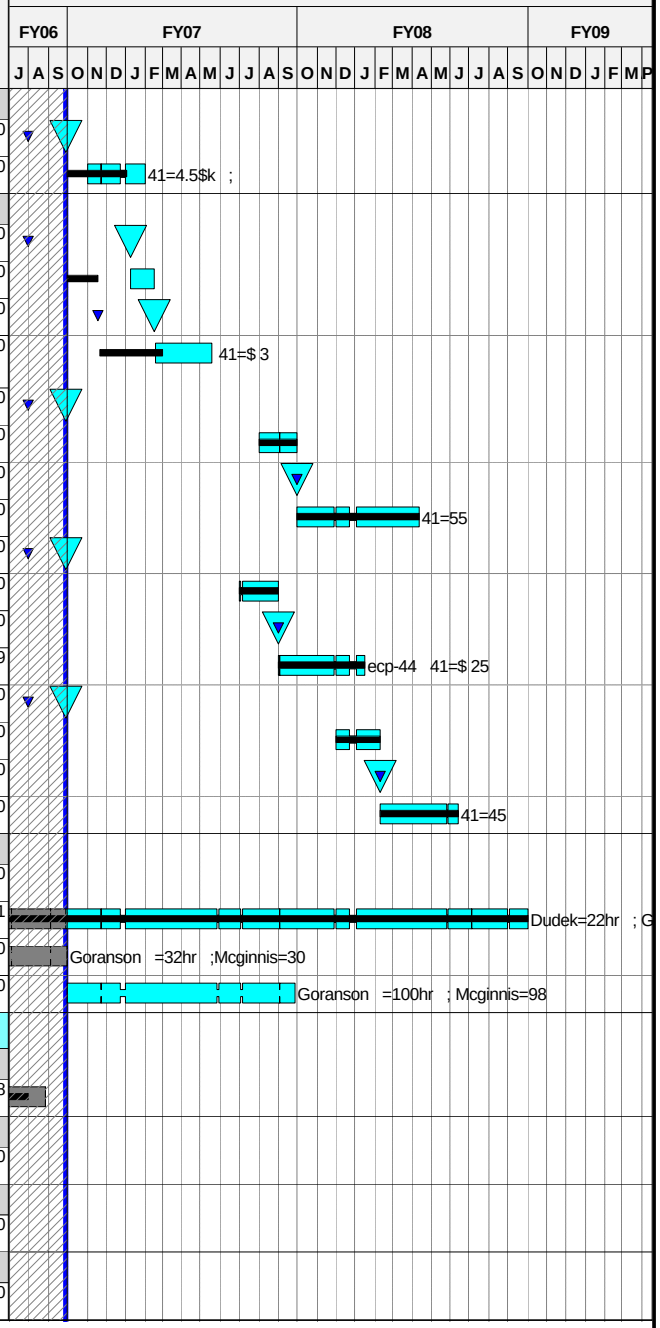
VV Local I&C									
125-036	Issue Procurement Package Local I&C WBS 125	29SEP06*	0			243		0.00	0.00
125-037	Issue req, Award & fab local I&C WBS 125	01NOV06*	60	02FEB07		220		0.00	6,169.50
Thermal Insulation									
122-050	Prep spec and req Blanket Thermal Insulation	08JAN07*	0			100		0.00	0.00
122-055	SPEA Blanket Thermal Insulation	08JAN07*	30	16FEB07		100		0.00	0.00
122-060	Award Blanket Thermal Insulation		0	16FEB07		100		0.00	0.00
122-065	Deliver Blanket Thermal Insulation	19FEB07	65	18MAY07		100		0.00	4,113.00
123-035	Issue Proc Pkg for insulation boots WBS 122	29SEP06*	0			413		0.00	0.00
123-040	Issue RFQ & Select Vendor insul boots WBS 122	01AUG07*	43	01OCT07		205		0.00	0.00
123-045	Award Insulation Boots WBS 122		0	01OCT07		205		0.00	0.00
123-050	Fabricate& Deliver Insul Boots WBS 122	02OCT07	130	11APR08		205		0.00	77,275.00
122-040	Prep spec and req Port Thermal Insulation	29SEP06*	0			281		0.00	0.00
122-035	SPEA Port Thermal Insulation	02JUL07*	43	30AUG07		94		0.00	0.00
122-041	Award Port Thermal Insulation		0	30AUG07		94		0.00	0.00
122-051	Deliver Port Thermal Insulation	31AUG07	89	16JAN08		94		0.00	34,933.99
122-030.0	Prep spec and req Pourable Insulation	29SEP06*	0			459		0.00	0.00
122-030	SPEA Pourable Insulation	03DEC07*	43	08FEB08		166		0.00	0.00
122-036.9	Award Pourable Insulation		0	08FEB08		166		0.00	0.00
122-037	Deliver Pourable Insulation	11FEB08	89	13JUN08		166		0.00	63,225.00
1204-901.5	ECP45 FY06 cv	01OCT05A	43	31MAR06A			LOE	62,500.00	62,500.00
122-031	Title III engr WBS 12 non vvsa PPPL	01FEB06A	669*	30SEP08		250		991.43	3,918.71
122-032	Title III engr WBS 12 non vvsa ORNL FY06	01FEB06A	170*	29SEP06A				10,459.40	10,459.40
122-033	Title III engr WBS 12 non vvsa ORNL FY07	02OCT06*	249*	28SEP07		500		0.00	34,036.20
Job: 1250 - Vacuum Vessel Fabrication-VIOLA									
+ Start Up/Engineering									
		24SEP04A	496	27AUG06A				256,750.78	256,750.78
+ Dies & Gages									
		20SEP04A	185	10JUN05A			100	655,640.00	655,640.00
+ Fixture (2) 60 degree									
		25OCT04A	169	23JUN05A			100	0.00	0.00
+ Fixture (3) 120 degree									
		15APR05A	76	29JUL05A			100	220,000.00	220,000.00



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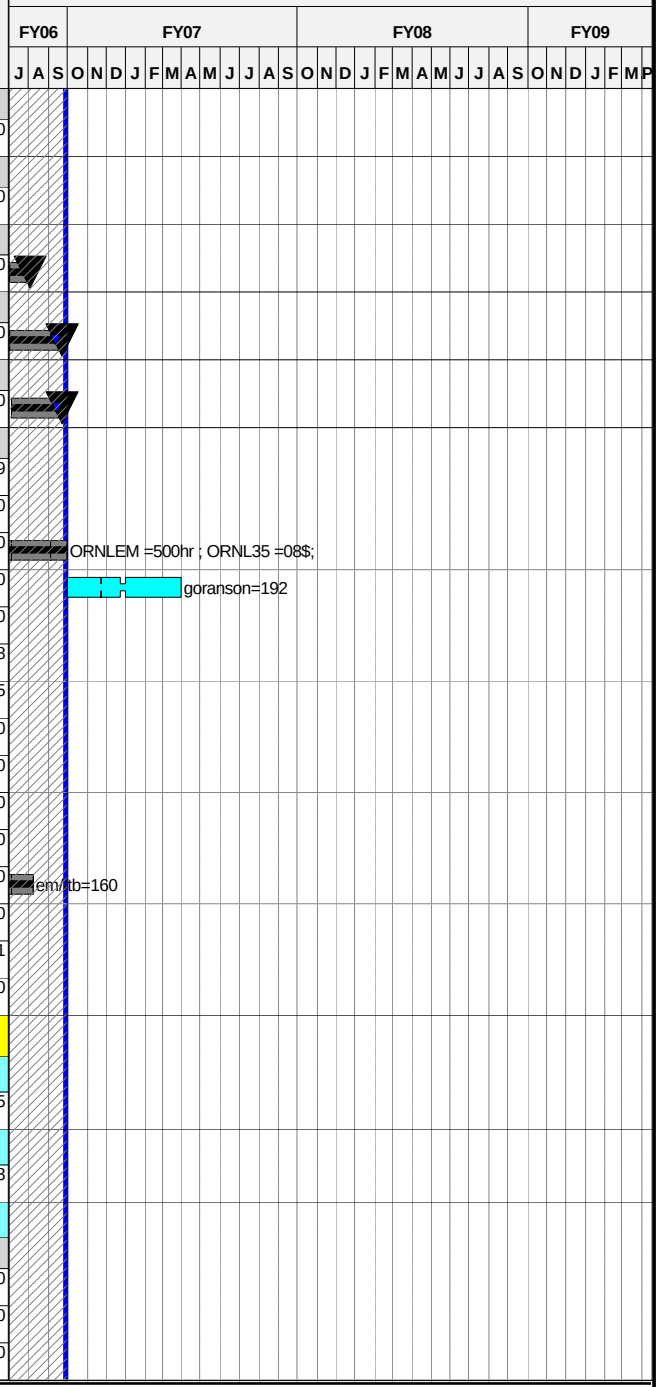
+ Panels & Ports									
		29OCT04A	321	27JAN06A			100	1,211,490.00	1,211,490.00
+ First 120 deg segment									
		10JUN05A	238	09MAY06A			100	775,560.00	775,560.00
+ Second 120 deg segment									
		12AUG05A	253	01AUG06A			100	780,000.00	780,000.00
+ Third 120 deg segment									
		30SEP05A	255	21SEP06A			100	750,000.00	750,000.00
+ Ship Tooling									
		03JUL06A	59	21SEP06A				486,000.00	486,000.00
121-031	VVSA Title III engr	21MAY04A	631	28FEB05A			LOE	27,753.79	27,753.79
121-034	VVSA Title III engr	01MAR05A	152*	30SEP05A			LOE	20,460.00	20,460.00
121-034.1	VVSA Title III engr	01OCT05A	249*	29SEP06A			LOE	92,486.00	92,486.00
121-034.2	VVSA Title III engr as-built vvsa models/dwgs	02OCT06*	122	30MAR07		627	LOE	0.00	33,004.80
121-032	VVSA Contract oversight FY04	21MAY04A	386*	30SEP04A			LOE	20,052.50	20,052.50
121-033	VVSA Contract oversight FY05	01OCT04A	290*	28FEB05A			LOE	75,267.38	75,267.38
121-035	VVSA Contract oversight FY05 & FY06	01MAR05A	365*	31JAN06A			LOE	255,723.95	255,723.95
121-035.1	ORNL fesign support during MTM Contract	01MAR05A	152*	30SEP05A			LOE	17,360.00	17,360.00
121-035.2	ORNL design support during MTM Contract	01OCT05A	213*	31JAN06A			LOE	22,118.90	22,118.90
121-036	Ship vac equipt from PPPL to MTM for vac testing	03OCT05A	15	31OCT05A			100	2,742.00	2,742.00
121-037	Purchase seals and ship to MTM	25APR05A	70*	29JUL05A			100	42,447.20	42,447.20
121-038	assist MTM testing of VVSA	17JAN06A	143*	07AUG06A			100	13,030.40	13,030.40
121-039	Design Seal Template	01MAR05A	20	31MAR05A			100	2,480.00	2,480.00
121-141	Fabricate Seal Template and ship to MTM	01MAR05A	65	31MAR05A			100	4,240.11	4,240.11
FY05CV-4	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			100	-49,000.00	-49,000.00
13 - Conventional Coils									
+ Job: 1301 - TF Design-KALISHCLOSED****									
		01APR03A	778	28APR06A				938,652.65	938,652.65
+ Job: 1350 TF Coil Fab Prep-CHRZANOWSKICLOSED****									
		01OCT04A	373	31MAR06A				547,015.03	547,015.03
Job: 1351 - TF Coil Fabr Supplies-KALISH									
TF Materials & Supplies									
FY05CV-8	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				14,000.00	14,000.00
1301FD-72	TF Conductor Procurement Package approved	31MAY05A	5	31MAY05A			100	0.00	0.00
1301FD-74	Prepare & issue TF Conductor RFP	31MAY05A	23*	03JUN05A			100	0.00	0.00



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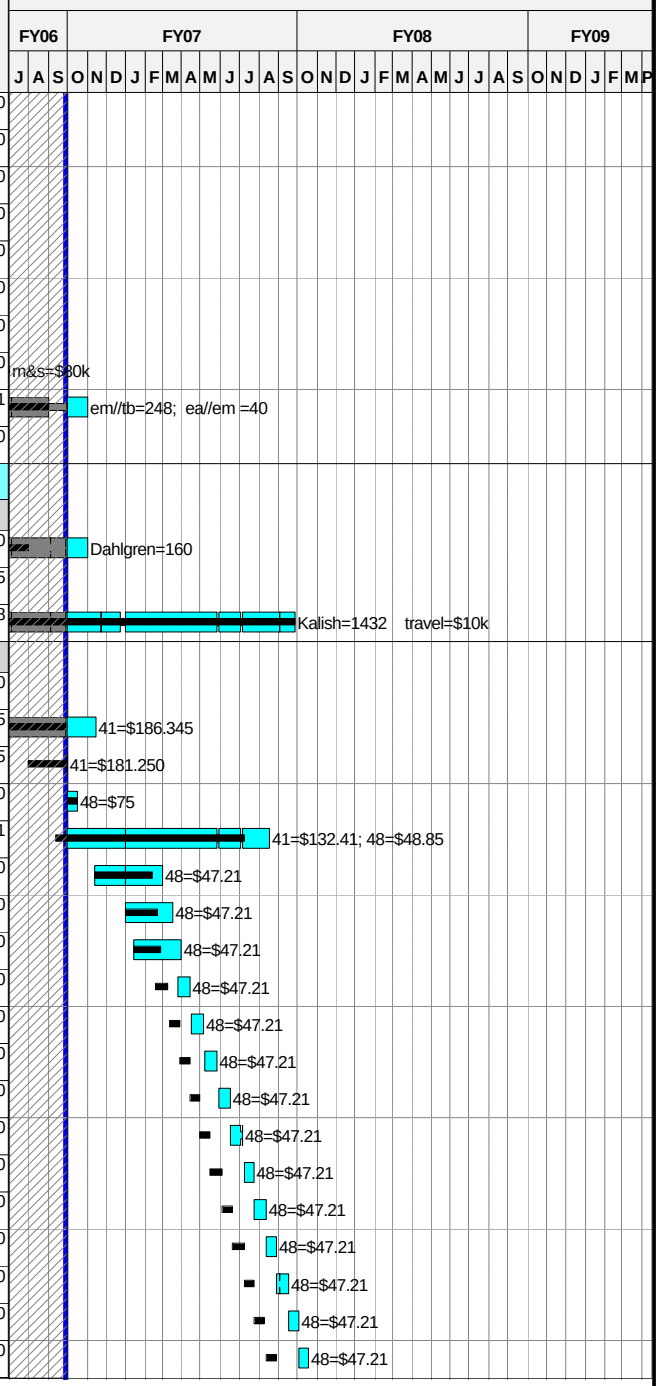
1301FD-76	Evaluate bids and award TF conductor	06JUN05A	0*	30JUN05A			100	0.00	0.00
1301FD-77	Award TF conductor		0	30JUN05A			100	0.00	0.00
1301FD-78	TF Wedge Plate procurement package approved	29JUL05A	5	29JUL05A			100	0.00	0.00
1301FD-80	Prepare and Issue TF Wedge Plate RFP	12AUG05A	5	18AUG05A			100	0.00	0.00
1351-529	Coil Supplies- Deliver Copper Conductor(PE005935	01JUL05A	123*	23DEC05A			100	133,864.50	133,864.50
1351-531	Coil Supplies- G-11 fillers (PE006162)	03JAN06A	29*	31JAN06A			100	89,115.00	89,115.00
1351-533	Lead spur material	03SEP05A	206*	31MAR06A			100	32,025.00	32,025.00
1351-525	Coil Supplies- Insulation (PE6299)	03JAN06A	128*	30JUN06A			100	109,680.00	109,680.00
1351-534	PPPL Fabricate Lead Spurs (M1319)	01MAY06A	110*	31OCT06		727	68	18,549.18	27,278.21
13ECP44-05	ECP45 FY06 cv	03OCT05A	2	31MAR06A				63,960.00	63,960.00
Job: 1361 - TF Fabrication-KALISH									
TF Title III and Fabrication Oversight									
1301FD-05	Anaylsis Check	01MAR05A	423*	31OCT06		727	95	26,005.97	27,374.70
131-031	Title III engr	10OCT05A	182*	28APR06A			LOE	50,809.85	50,809.85
131-032	Title III engr	01MAY06A	354*	26SEP07		502	LOE	80,943.00	270,712.38
TF Fabrication Contract									
1361C-001	Contract Awarded	28APR06A	0					0.00	0.00
1361C-005	Tooling	28APR06A	143*	14NOV06		742	LOE	205,666.11	255,485.85
1361C-007	Wedge Material (1)	29SEP06A	43	29SEP06A			0	248,493.75	248,493.75
1361C-009	Tooling (Climax)	02OCT06*	11*	16OCT06		763		0.00	75,000.00
1361C-010	Wedge Material (2)	29SEP06*	228	17AUG07		547	0	0.00	230,384.11
1361C-101	Fab, Test & Deliver Coil #1	14NOV06	76*	28FEB07		643		0.00	47,210.00
1361C-102	Fab, Test & Deliver Coil #2	02JAN07	54*	16MAR07		276		0.00	47,210.00
1361C-103	Fab, Test & Deliver Coil #3	15JAN07	55*	30MAR07		266		0.00	47,210.00
1361C-104	Fab, Test & Deliver Coil #4	26MAR07	15	13APR07*		188		0.00	47,210.00
1361C-105	Fab, Test & Deliver Coil #5	16APR07*	15	04MAY07		188		0.00	47,210.00
1361C-106	Fab, Test & Deliver Coil #6	07MAY07*	15	25MAY07		188		0.00	47,210.00
1361C-107	Fab, Test & Deliver Coil #7	29MAY07*	14	15JUN07		188		0.00	47,210.00
1361C-108	Fab, Test & Deliver Coil #8	18JUN07*	14	06JUL07		188		0.00	47,210.00
1361C-109	Fab, Test & Deliver Coil #9	09JUL07*	13	25JUL07		188		0.00	47,210.00
1361C-110	Fab, Test & Deliver Coil #10	26JUL07*	13	13AUG07		188		0.00	47,210.00
1361C-111	Fab, Test & Deliver Coil #11	14AUG07*	12	29AUG07		188		0.00	47,210.00
1361C-112	Fab, Test & Deliver Coil #12	30AUG07*	12	17SEP07		188		0.00	47,210.00
1361C-113	Fab, Test & Deliver Coil #13	18SEP07*	12	03OCT07		188		0.00	47,210.00
1361C-114	Fab, Test & Deliver Coil #14	04OCT07*	12	19OCT07		188		0.00	47,210.00



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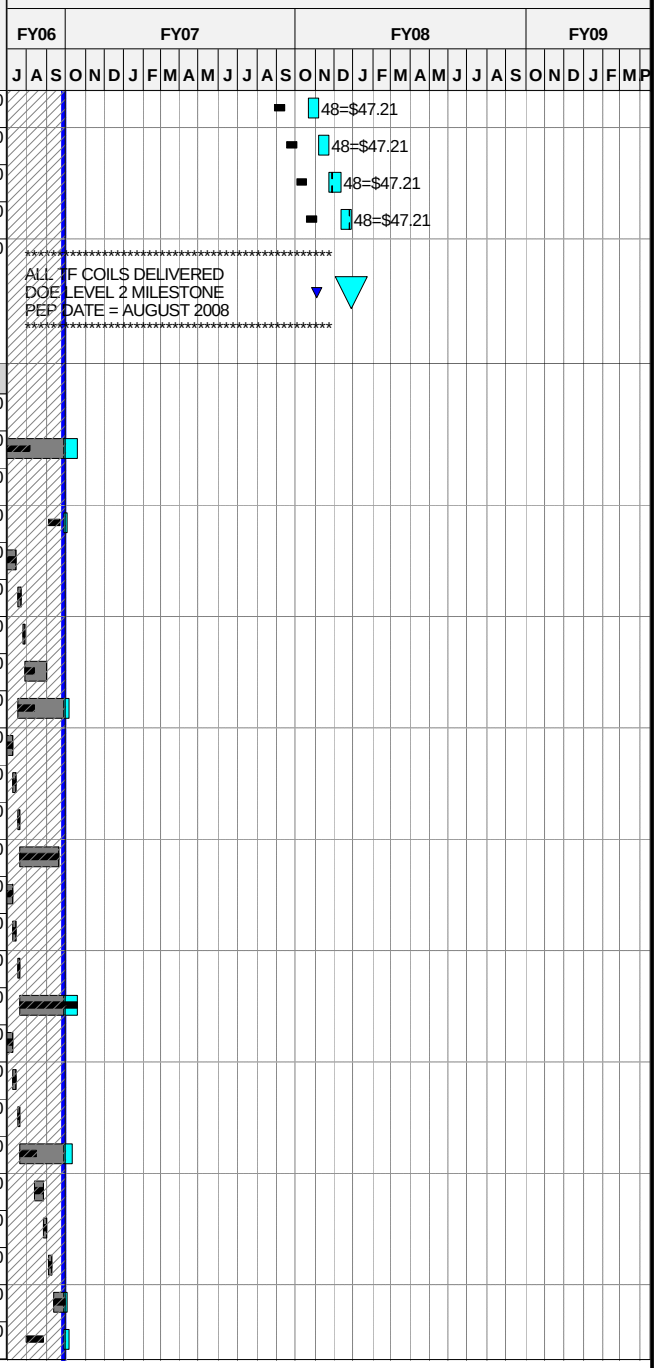
1361C-115	Fab, Test & Deliver Coil #15	22OCT07*	12	06NOV07		188		0.00	47,220.00
1361C-116	Fab, Test & Deliver Coil #16	07NOV07*	12	22NOV07		188		0.00	47,220.00
1361C-117	Fab, Test & Deliver Coil #17	23NOV07*	12	11DEC07		188		0.00	47,220.00
1361C-118	Fab, Test & Deliver Coil #18	12DEC07*	12	28DEC07		188		0.00	47,220.00
1351-195X	ALL TF COILS DELIVERED		0	28DEC07		188		0.00	0.00
TF Fabrication (Everson internal schedule)									
ET-01	PO Award	01MAY06A	1	01MAY06A			100	0.00	0.00
ET-02	Bending Test Program	22MAY06A	110*	20OCT06		759		0.00	0.00
ET-03	Wedge Design Development	02MAY06A	25	05JUN06A			100	0.00	0.00
ET-04	Wedge Programming & Inspection	29SEP06*	2*	02OCT06		773		0.00	0.00
ET-05	Brazing Fixture Design	26JUN06A	15	14JUL06A			100	0.00	0.00
ET-06	Brazing Fixture Review	17JUL06A	5	21JUL06A			100	0.00	0.00
ET-07	Brazing Fixture Finalize	24JUL06A	4	27JUL06A			100	0.00	0.00
ET-08	Brazing Fixture Procurement	28JUL06A	45	01SEP06A			100	0.00	0.00
ET-09	Brazing Head Procurement& fab	17JUL06A	59*	05OCT06		770	75	0.00	0.00
ET-10	Winding Fixture Design	26JUN06A	10	07JUL06A			100	0.00	0.00
ET-11	Winding Fixture Review	10JUL06A	5	14JUL06A			100	0.00	0.00
ET-12	Winding Fixture Finalize	17JUL06A	3	19JUL06A			100	0.00	0.00
ET-13	Winding Fixture Procurement	20JUL06A	51*	20SEP06A			100	0.00	0.00
ET-14	Mold Fixture Design	26JUN06A	10	07JUL06A			100	0.00	0.00
ET-15	Mold Fixture Review	10JUL06A	5	14JUL06A			100	0.00	0.00
ET-16	Mold Fixture Finalize	17JUL06A	3	19JUL06A			100	0.00	0.00
ET-17	Mold Fixture Procurement	20JUL06A	65*	18OCT06		761	50	0.00	0.00
ET-18	Lifting Fixture Design	26JUN06A	10	07JUL06A			100	0.00	0.00
ET-19	Lifting Fixture Review	10JUL06A	5	14JUL06A			100	0.00	0.00
ET-20	Lifting Fixture Finalize	17JUL06A	3	19JUL06A			100	0.00	0.00
ET-21	Lifting Fixture fab	20JUL06A	59*	10OCT06		767	60	0.00	0.00
ET-22	Offset Fixture Design	14AUG06A	10	25AUG06A			100	0.00	0.00
ET-23	Offset Fixture Review	28AUG06A	5	01SEP06A			100	0.00	0.00
ET-24	Offset Fixture Finalize	04SEP06A	0*	08SEP06A			100	0.00	0.00
ET-25	Offset Fixture Procurement	11SEP06A	16*	02OCT06		773	75	0.00	0.00
ET-26	Wedge Milling Fixture Design	29SEP06	5*	05OCT06		732		0.00	0.00



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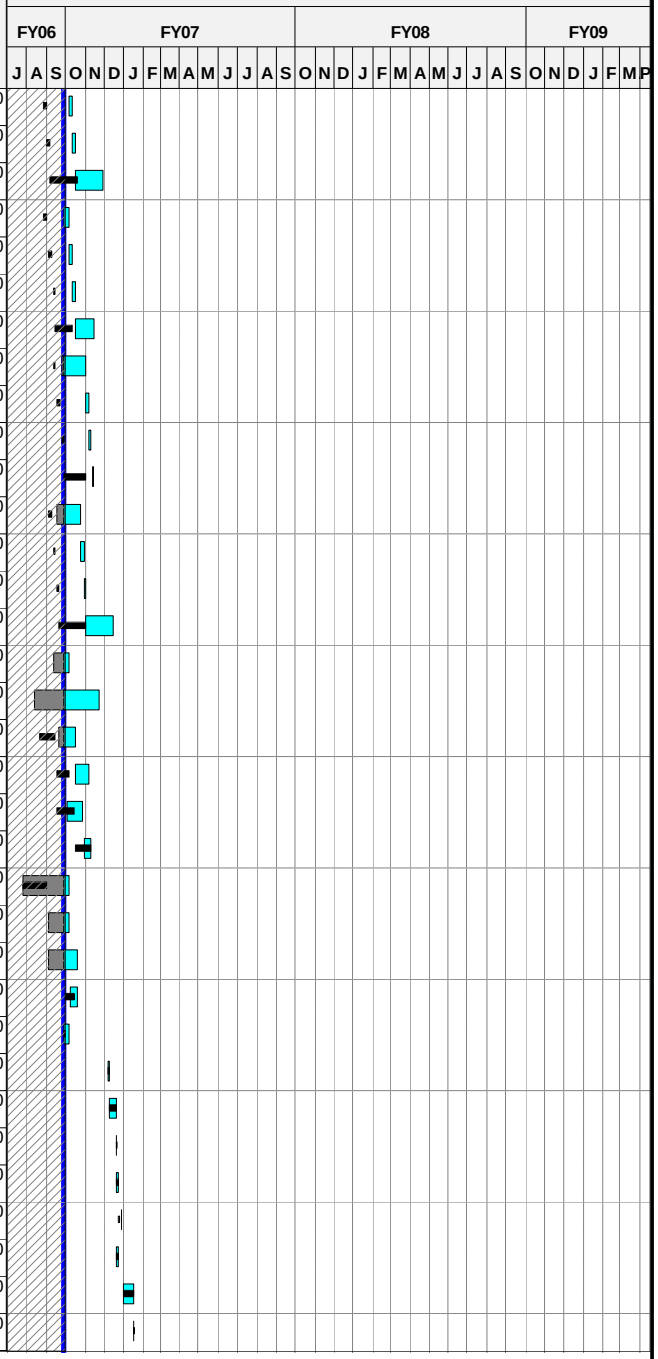
ET-27	Wedge Milling Fixture Review	06OCT06	4	11OCT06		732		0.00	0.00
ET-28	Wedge Milling Fixture Finalize	12OCT06	4	17OCT06		732		0.00	0.00
ET-29	Wedge Milling Fixture Procurement	18OCT06	30	28NOV06		732		0.00	0.00
ET-30	Wedge Milling Inspection Fixture Design	29SEP06*	5*	05OCT06		741		0.00	0.00
ET-31	Wedge Milling Inspection Fixture Review	06OCT06	5	12OCT06		741		0.00	0.00
ET-32	Wedge Milling Inspection Fixture Finalize	13OCT06	3	17OCT06		741		0.00	0.00
ET-33	Wedge Milling Inspection Fixture Procure	18OCT06	21	15NOV06		741		0.00	0.00
ET-34	Shipping Fixture Design	25SEP06A	27*	31OCT06		744	25	0.00	0.00
ET-35	Shipping Fixture Review	01NOV06	5	07NOV06		744		0.00	0.00
ET-36	Shipping Fixture Finalize	08NOV06	3	10NOV06		744		0.00	0.00
ET-37	Shipping Fixture Procurement	13NOV06	0*	10NOV06		744		0.00	0.00
ET-38	Shipping Container Design	18SEP06A	26*	23OCT06		720	25	0.00	0.00
ET-39	Shipping Container Review	24OCT06	5	30OCT06		720		0.00	0.00
ET-40	Shipping Container Finalize	31OCT06	3	02NOV06		720		0.00	0.00
ET-41	Shipping Container Procurement	03NOV06	30	14DEC06		720		0.00	0.00
ET-42	Procure raw materials	11SEP06A	20*	06OCT06		769	50	0.00	0.00
ET-43	Procure wedge batch 1 3 sets	14AUG06A	75*	24NOV06		734	25	0.00	0.00
ET-44	Develop Brazing Process Spec	21SEP06A	18*	16OCT06		748		0.00	0.00
ET-45	Brazing Technician Qualification	17OCT06	15	06NOV06		748		0.00	0.00
ET-46	MPO/Traveler Development	03OCT06*	19*	27OCT06		719		0.00	0.00
ET-47	MPO PPPL Review & Approval	30OCT06	10	10NOV06		719		0.00	0.00
ET-48	Clean Room Construction	24JUL06A	55*	06OCT06		769	90	0.00	0.00
ET-48.1	taping machine modifications	05SEP06A	24*	06OCT06		769	90	0.00	0.00
ET-48.2	winding line setup	05SEP06A	34*	20OCT06		759	60	0.00	0.00
ET-50	Test Wind 1 Layer of Conductor	09OCT06*	10*	20OCT06		759		0.00	0.00
ET-51	SS Casting Ingots	29SEP06*	6*	06OCT06		769		0.00	0.00
ET-52	1st off pair castings, rough machined OSTERBY	08DEC06*	1	08DEC06		292		0.00	0.00
ET-53	Final Machining 1st set TESLA	11DEC06	7	19DEC06		292		0.00	0.00
ET-54	Mechanical Inspection	20DEC06	2	21DEC06		292		0.00	0.00
ET-55	Measure Permeability, Pack & Ship	22DEC06	1	22DEC06		292		0.00	0.00
ET-56	Receive Wedges for Coil #1 at everson	29DEC06*	1	29DEC06		288		0.00	0.00
ET-57	Batch #1 Castings (4), rough machined OSTERBY	22DEC06	1	22DEC06		695		0.00	0.00
ET-58	Final Machining sets 2&3 TESLA	02JAN07*	10	15JAN07		690		0.00	0.00
ET-59	Mechanical Inspection	16JAN07	2	17JAN07		690		0.00	0.00



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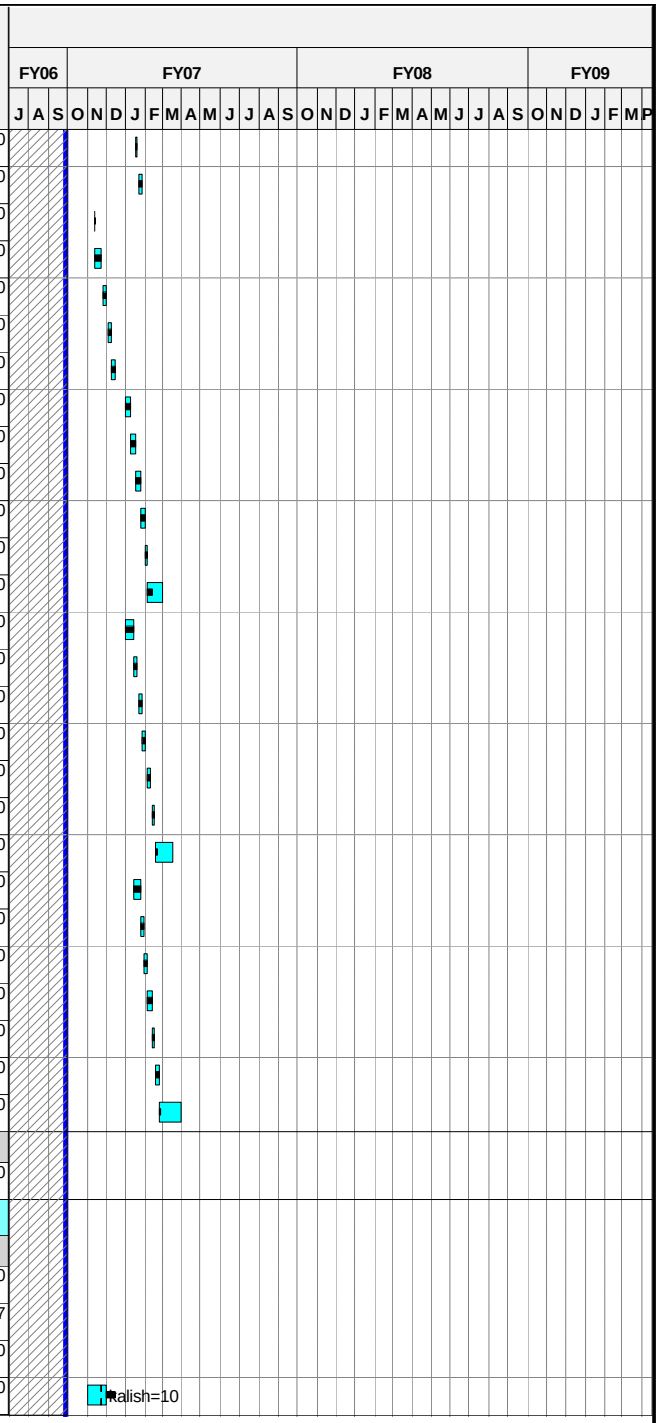
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-xx
ET-60	Measure Permeability, Pack & Ship	18JAN07	2	19JAN07		690		0.00	0.00
ET-61	Receive Wedges for Coil #2 & Coil #3	22JAN07	5	26JAN07		690		0.00	0.00
ET-62	Start Winding 1st Article Coil	13NOV06	1	13NOV06		719		0.00	0.00
ET-63	Coil #1 Winding	14NOV06	9	24NOV06		719		0.00	0.00
ET-64	Coil #1 Ground Insulation	27NOV06	5	01DEC06		719		0.00	0.00
ET-65	Coil #1 VPI	04DEC06	5	08DEC06		719		0.00	0.00
ET-66	Coil #1 Cold Test to VPI Coil Only	11DEC06	5	15DEC06		719		0.00	0.00
ET-67	Coil #1 Wedge-to-Coil VPI	02JAN07*	5	08JAN07		288		0.00	0.00
ET-68	Coil #1 Wedge Machining	09JAN07	5	15JAN07		288		0.00	0.00
ET-69	Coil #1 Final Inspection	16JAN07	7	24JAN07		288		0.00	0.00
ET-70	Coil #1 LN2 Testing	25JAN07	5	31JAN07		288		0.00	0.00
ET-71	Coil #1 Shipping	01FEB07	3	05FEB07		288		0.00	0.00
ET-72	1st Article Coil Review	06FEB07	17*	28FEB07		288		0.00	0.00
ET-73	Coil #2 Winding	02JAN07*	9	12JAN07		276		0.00	0.00
ET-74	Coil #2 Ground Insulation	15JAN07	5	19JAN07		276		0.00	0.00
ET-75	Coil #2 VPI	22JAN07	5	26JAN07		276		0.00	0.00
ET-76	Coil #2 Wedge-to-Coil VPI	29JAN07	5	02FEB07		276		0.00	0.00
ET-77	Coil #2 Wedge Machining	05FEB07	5	09FEB07		276		0.00	0.00
ET-78	Coil #2 Final Inspection	12FEB07	5	16FEB07		276		0.00	0.00
ET-79	Coil #2 Shipping	19FEB07	20*	16MAR07		276		0.00	0.00
ET-80	Coil #3 Winding	15JAN07*	7	23JAN07		266		0.00	0.00
ET-81	Coil #3 Ground Insulation	24JAN07	4	29JAN07		266		0.00	0.00
ET-82	Coil #3 VPI	30JAN07	5	05FEB07		266		0.00	0.00
ET-83	Coil #3 Wedge-to-Coil VPI	06FEB07	5	12FEB07		266		0.00	0.00
ET-84	Coil #3 Wedge Machining	13FEB07	4	16FEB07		266		0.00	0.00
ET-85	Coil #3 Final Inspection	19FEB07	4	22FEB07		266		0.00	0.00
ET-86	Coil #3 Shipping	23FEB07	26*	30MAR07		266		0.00	0.00
13ECP44-06	ECP45 FY06 cv	03OCT05A	2	31MAR06A				37,220.00	37,220.00
Job: 1302 - PF Design -KALISH									
1302-PF	Start PF Preliminary Design**ON HOLD UNTIL FY06*	01MAR05A	145	30SEP05A			100	7,601.50	7,601.50
1302-PFX	Start Preliminary Design	01FEB06A	64*	28APR06A			100	13,524.47	13,524.47
13ECP44-02	ECP45 FY06 cv	03OCT05A	2	31MAR06A				-6,900.00	-6,900.00
1302-200	Complete PF Coil SRD	01NOV06*	20	30NOV06		250		0.00	1,778.60



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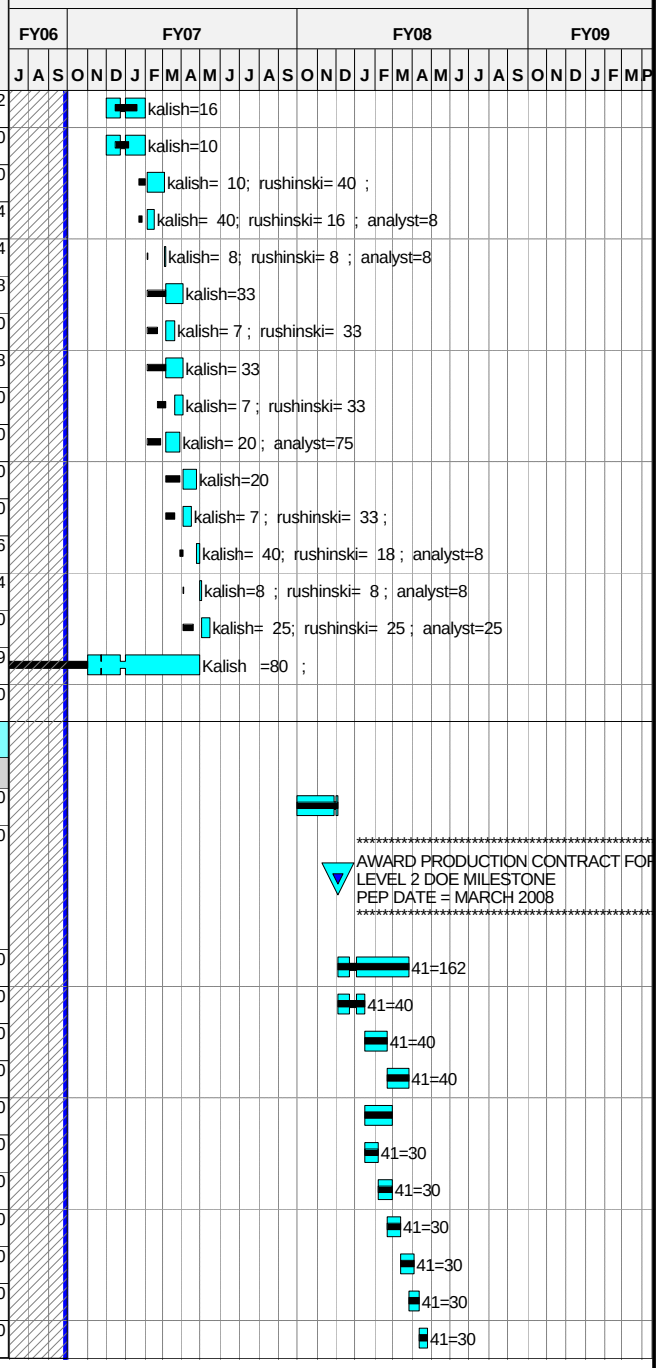
1302-205	Update PF Analysis	01DEC06	40	02FEB07		250		0.00	14,584.52
1302-210	PF Coil ICD	01DEC06	40	02FEB07		270		0.00	1,778.60
1302-215	Complete PDR PF Dwgs	05FEB07	20	02MAR07		250		0.00	8,893.00
1302-220	Prepare for PDR	05FEB07	10	16FEB07		260		0.00	11,383.04
1302-225	PDR	05MAR07	1	05MAR07		250		0.00	4,268.64
1302-230	Prepare PF Procurement Coil Spec	06MAR07	20	02APR07		250		0.00	5,869.38
1302-235	Detail Drawings PF4	06MAR07	10	19MAR07		255		0.00	7,114.40
1302-240	Disposition PDR Chits	06MAR07	20	02APR07		265		0.00	5,869.38
1302-245	Detail Drawings PF5	20MAR07	10	02APR07		255		0.00	7,114.40
1302-250	PF Stress analysis with leads	06MAR07	15	26MAR07		270		0.00	16,896.70
1302-255	Review PF Coil Procurement Spec	03APR07	15	23APR07		250		0.00	3,557.20
1302-260	Detail Drawings PF6	03APR07	10	16APR07		255		0.00	7,114.40
1302-265	Prepare for FDR	24APR07	5	30APR07		250		0.00	11,738.76
1302-270	PF FDR	01MAY07	1	01MAY07		250		0.00	4,268.64
1302-275	Resolve Chits	02MAY07	10	15MAY07		250		0.00	13,339.50
133-010	Design WBS 134 Conv Coil I&C**ON HOLD UNTIL FY06	01MAR05A	415*	30APR07		317	10	1,375.70	13,756.99
FY05CV-6	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			100	-22,000.00	-22,000.00
Job: 1352 - PF Coil Procurement-KALISH									
PF Coil Fabrication									
141-035	Bid & Award PF Coils	01OCT07*	45	04DEC07		155		0.00	0.00
141-036	PF Coils Awarded		0	04DEC07		155		0.00	0.00
1352-100	Material & leads	05DEC07	75	27MAR08		155		0.00	227,610.00
1352-120	Tooling for PF 6	05DEC07	25	17JAN08		155		0.00	56,200.00
1352-115	Tooling for PF 5	18JAN08	25	21FEB08		155		0.00	56,200.00
1352-110	Tooling for PF 4	22FEB08*	25	27MAR08		155		0.00	56,200.00
1352-105	Tooling for PF 1,2 and 3 NOT REQ"D USE PF1a	18JAN08	30	28FEB08		400		0.00	0.00
1352-150	Fabricate/Dlvr PF 6 lower	18JAN08	15	07FEB08		200		0.00	42,150.00
1352-165	Fabricate/Dlvr PF 6 upper	08FEB08	15	28FEB08		247		0.00	42,150.00
1352-145	Fabricate/Dlvr PF 5 lower	22FEB08	15	13MAR08		175		0.00	42,150.00
1352-160	Fabricate/Dlvr PF 5 upper	14MAR08	15	03APR08		222		0.00	42,150.00
1352-140	Fabricate/Dlvr PF 4 lower	28MAR08	10	10APR08		155		0.00	42,150.00
1352-155	Fabricate/Dlvr PF 4 upper	11APR08	10	24APR08		207		0.00	42,150.00



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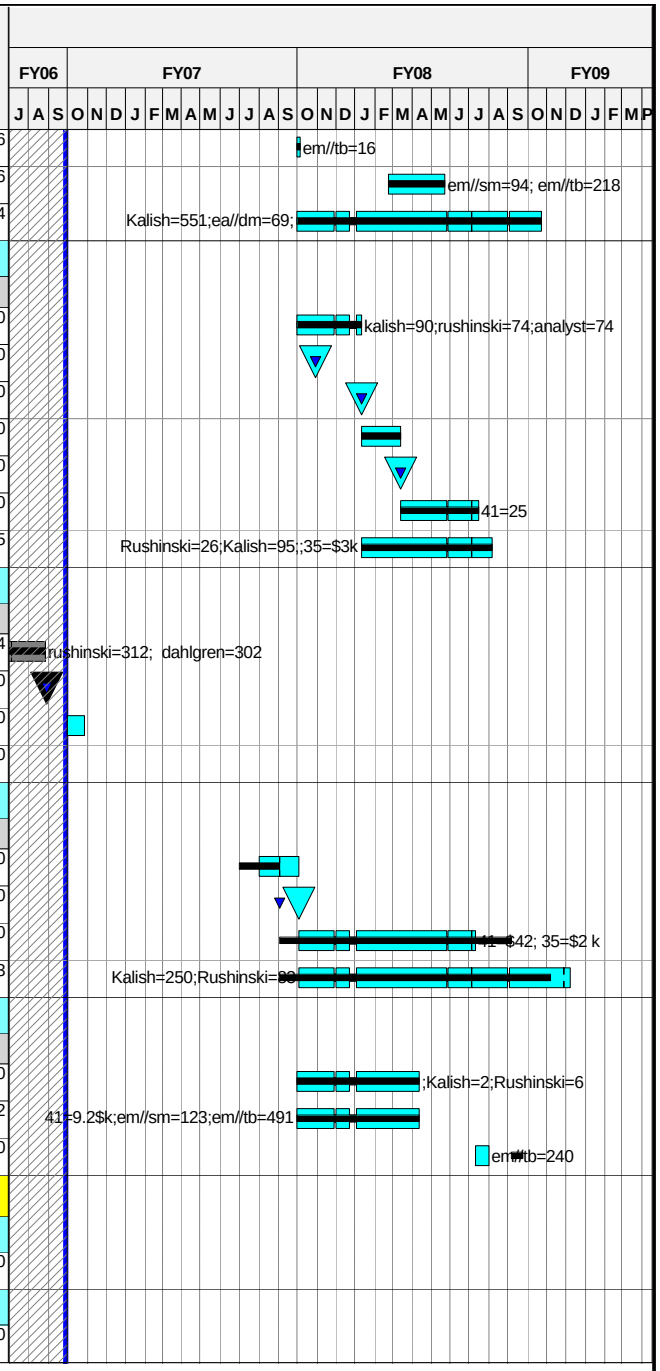
1352-135X	Refurbish NSTX PF1a	01OCT07*	5	05OCT07		333		0.00	1,367.36
722.010	PF Coil receipt inspect/test (formerly wbs 183)	25FEB08*	65	23MAY08		339		0.00	31,275.16
141-031	Title III engr WBS 132	01OCT07*	268	24OCT08		232		0.00	113,758.94
Job: 1354 - Trim Coil Design &Procurement-KALISH									
Trim Coils									
1303-TRIM	Trim Coil Design	01OCT07*	65	10JAN08		160		0.00	43,470.70
1303-136	Trim Coil PDR		0	29OCT07		169		0.00	0.00
1303-137	Trim Coil FDR		0	10JAN08		160		0.00	0.00
184-035	Bid & Award Ext Trim Coils	11JAN08	45	13MAR08		160		0.00	0.00
184-036	Award External Trim Coils		0	13MAR08		160		0.00	0.00
184-037	External Trim Coil Procurement/Fab*ecp16	14MAR08	87	16JUL08		160		0.00	35,125.00
184-015	Title III WBS 133 Rxt Trim Coils	11JAN08	147	06AUG08		288		0.00	27,479.65
Job: 1303 -Central Solenoid Support Dsn-DAHLGREN									
1303-110	CS Support Design& analysis	03JAN06A	167*	25AUG06A			90	96,359.62	106,872.84
1303-115	CS Support FDR		0	29AUG06A				0.00	0.00
1303-120	FDR Chit followup & release drawings for fab	02OCT06*	20	27OCT06		332		0.00	0.00
13ECP44-03	ECP45 FY06 cv	03OCT05A	2	31MAR06A				10,010.00	10,010.00
Job: 1353 - CS Structure Procurement-DAHLGREN									
CS Support Structure									
163-035	Bid & Award CS Support Struct	01AUG07*	45	03OCT07		145		0.00	0.00
163-036.9	Award CS Support Structure		0	03OCT07		145		0.00	0.00
163-037	CS Support Structure Procurement/Fab	04OCT07*	190	10JUL08		145		0.00	62,596.00
163-015	Title III design CS sprt struc	04OCT07	294	08DEC08		203		0.00	61,482.03
Job: 1355 - WBS 13 I&C Proc & Coil Assy-KALISH									
TF/PF Loacl I&C									
133-015	Title III WBS 134 Conv Coil I&C	01OCT07*	130	10APR08		370		0.00	1,461.20
133-037	Conv Coil I&C WBS 134 Proc & Install	01OCT07*	130	10APR08		211		0.00	71,432.82
1355-100	CS and PF 1a Pre-Assy incl coil I&C procurement	11JUL08	15	31JUL08		145		0.00	20,510.40
14 - Modular Coils									
+ Job: 1401 - Mod Coil Prel.DsnCLOSED****									
		01APR03A	636	30SEP05A			100	304,040.00	304,040.00
+ Job: 1402 - Mod.Coil AnalysesCLOSED****									
		01APR03A	636	30SEP05A			100	239,140.00	239,140.00



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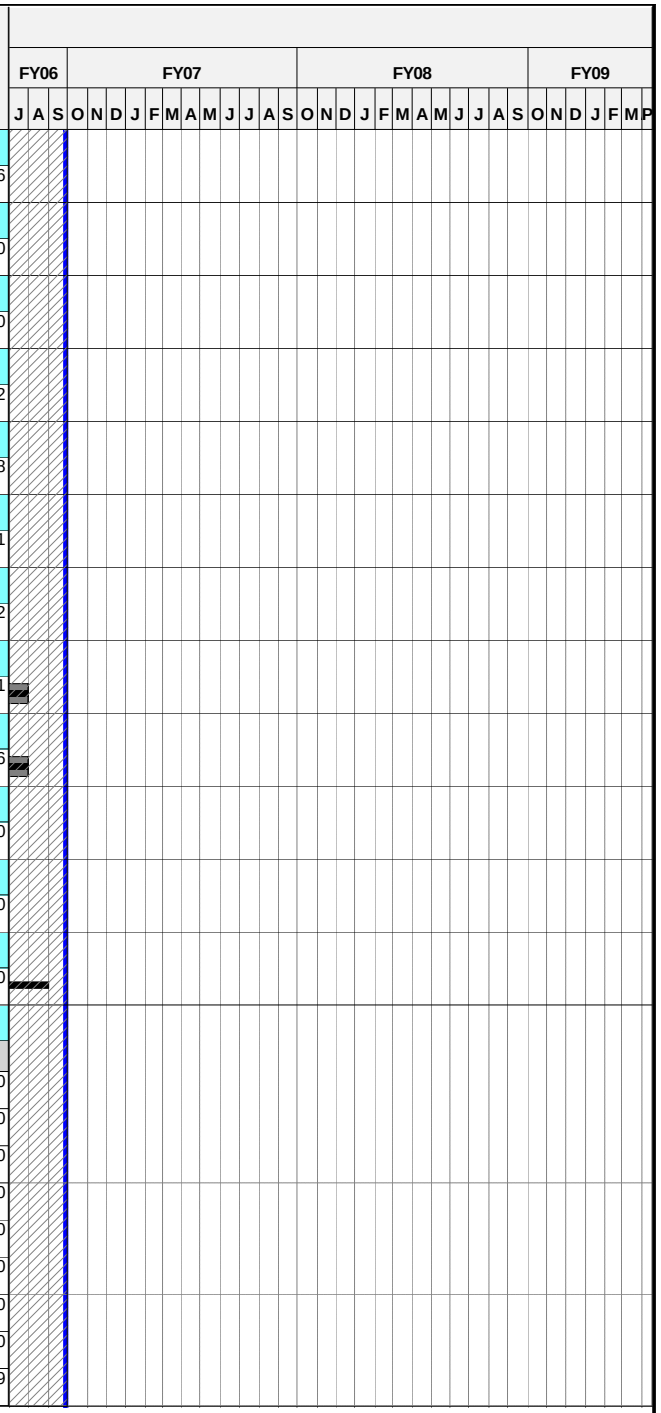
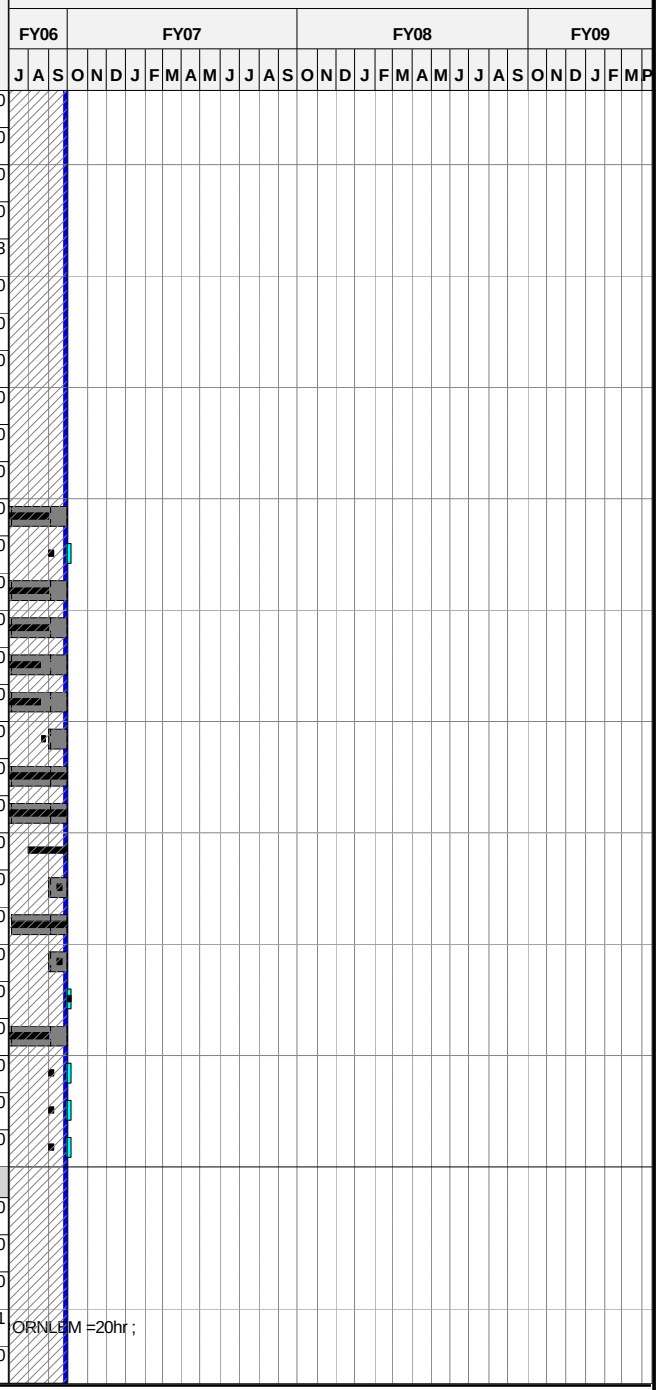
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-xx
+ Job:1404-MCWF R&D & 1st Prod CastingCLOSED****									
		01APR03A	636	30SEP05A			100	2,543,518.06	2,543,518.06
+ Job: 1413 -MCWF Fracture Analysis-CLOSED****									
		01OCT04A	372	30MAR06A			100	27,819.40	27,819.40
+ Job: 1405-Mod Coil Winding R&D Prep-CLOSED****									
		01APR03A	636	30SEP05A			100	168,070.00	168,070.00
+ Job: 1407 -Mod Coil Winding Facility-CLOSED****									
		01APR03A	757	30MAR06A			100	2,571,373.12	2,571,373.12
+ Job: 1412 - Complete Winding Facilities-*CLOSED*									
		01OCT04A	372	30MAR06A			100	540,996.88	540,996.88
+ Job: 1406 - Mod. Coil Winding R&D-CLOSED****									
		01APR03A	757	30MAR06A			100	2,263,568.41	2,263,568.41
+ Job: 1410 MC Twisted Racetrack Fabr-CLOSED****									
		01OCT04A	372	30MAR06A			100	1,049,971.32	1,049,971.32
+ Job: 1409 - Coil Test Stand-GETTELFINGER*CLOSED*									
		20OCT03A	700	31JUL06A			100	825,941.31	825,941.31
+ Job: 1414 Coil Testing-GettelfingerCLOSED****									
		01OCT04A	457	31JUL06A			100	674,833.26	674,833.26
+ Job: 1415 Dim Cntrl Testing-RAFTOPOLOUS*CLOSED**									
		01OCT04A	251	30SEP05A			100	23,850.00	23,850.00
+ Job: 1419-Winding Fac. Mods-CHRZANOWSKI*CLOSED*									
		01OCT04A	372	30MAR06A			100	55,210.00	55,210.00
+ Job: 1403 - Modular Coil Final Design-WILLIAMSON									
		01OCT03A	649	28APR06A				3,310,569.50	3,310,569.50
Job: 1416-Mod Coil Type A&B Final Dsn-WILLIAMSON									
Winding and Assembly Design-Type A									
1416A-113	MCWF mods-As-Built MCWF	01AUG05A	145*	28FEB06A			100	13,153.50	13,153.50
1416A-117	MCWF mods-Studs, Lead Block Mount	01OCT05A	100*	28FEB06A			100	6,748.00	6,748.00
1416A-121	MCWF mods-Seal Groove Adapter	01OCT05A	142*	28APR06A			100	10,122.00	10,122.00
1416A-129	MCWF mods-Check and Promote	30NOV05A	124*	31MAY06A			100	3,374.00	3,374.00
1416A-133	Lead Block Assy-Lead Blocks	01OCT05A	100*	28FEB06A			100	13,496.00	13,496.00
1416A-137	Lead Block Assy-Top and Side Plates	28NOV05A	62*	28FEB06A			100	13,496.00	13,496.00
1416A-141	Lead Block Assy-Detail Parts, Intralink	28NOV05A	84*	10MAR06A			100	10,122.00	10,122.00
1416A-149	Lead Block Assy-Check and Promote		0*	31MAY06A			100	3,374.00	3,374.00
1416A-161	Side A Coil Assy-Cladding Asm	01SEP05A	144*	31MAR06A			100	59,645.29	59,645.29



Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-xx
1416A-165	Side A Coil Assy-Cond Layers, Geom Files	28NOV05A	84*	31MAR06A			100	6,748.00	6,748.00
1416A-169	Side A Coil Assy-Magnetic Loops	28NOV05A	84*	31MAR06A			100	3,374.00	3,374.00
1416A-173	Side A Coil Assy-Chill Plates and Tubing	28NOV05A	84*	31MAR06A			100	40,488.00	40,488.00
1416A-177	Side A Coil Assy-Check and Promote		0*	31MAR06A			100	6,748.00	6,748.00
1416A-181	Side B Coil Assy-Cladding Asm	01SEP05A	144*	31MAR06A			100	39,724.23	39,724.23
1416A-185	Side B Coil Assy-Cond Layers, Geom Files	28NOV05A	84*	31MAR06A			100	6,748.00	6,748.00
1416A-189	Side B Coil Assy-Magnetic Loops	28NOV05A	84*	31MAR06A			100	3,374.00	3,374.00
1416A-193	Side B Coil Assy-Chill Plates and Tubing	28NOV05A	84*	31MAR06A			100	41,774.40	41,774.40
1416A-197	Side B Coil Assy-Check and Promote		0*	28APR06A			100	6,748.00	6,748.00
1416A-213	Clamp Assy-Clamp Hardware	28NOV05A	40*	23DEC05A			100	674.80	674.80
1416A-217	Clamp Assy-Check and Promote	01DEC05A	1	23DEC05A			100	674.80	674.80
1416A-105	Top level models and drawings	03MAR06A	170*	29SEP06A			RPL	5,398.40	5,398.40
1416A-109	-Check and Promote Top Level Drawings	29SEP06	5	05OCT06		157	RPL	0.00	0.00
1416A-153	Lead Terminals-Splice Plates	01MAY06A	107*	29SEP06A			RPL	1,687.00	1,687.00
1416A-157	Lead Terminals-Check and Promote	01MAY06A	107*	29SEP06A			RPL	1,012.20	1,012.20
1416A-201	Coil Post VPI mods-Studs Removed	03DEC05A	206*	29SEP06A			RPL	2,699.20	2,699.20
1416A-205	Coil Post VPI mods-Clamp Arrangement	03DEC05A	206*	29SEP06A			RPL	5,398.40	5,398.40
1416A-209	Coil Post VPI mods-Check and Promote	02SEP06A	5	29SEP06A			RPL	2,699.20	2,699.20
1416A-221	I&C-Strain Gages and T/C	03MAR06A	170*	29SEP06A			RPL	2,361.80	2,361.80
1416A-225	I&C-Rogowski Coils	03MAR06A	188*	29SEP06A			RPL	2,024.40	2,024.40
1416A-229	I&C-Check and Promote	29SEP06*	1*	29SEP06		749	RPL	0.00	0.00
1416A-233	Coil-to-Coil -Current Feed Insul, Covers	01SEP06A	42*	29SEP06A			RPL	1,687.00	1,687.00
1416A-237	Coil-to-Coil -Windings Insul Blanket	03JUL06A	63*	29SEP06A			RPL	1,687.00	1,687.00
1416A-241	Coil-to-Coil -Bushing Installation	01SEP06A	24*	29SEP06A			RPL	1,687.00	1,687.00
1416A-245	Coil-to-Coil -Check and Promote	29SEP06	5	05OCT06		745	RPL	0.00	0.00
1416A-249	-Type-A Coil Asm Specification	01MAY06A	107*	29SEP06A			RPL	5,398.40	5,398.40
1416A-253	-Review and Approve Type-A Spec	29SEP06*	5	05OCT06		745	RPL	0.00	0.00
1416A-257	-Update Coil Fab Procedures	29SEP06*	5	05OCT06		745	RPL	0.00	0.00
1416A-261	-Prepare for FDR	29SEP06*	5	05OCT06		735	RPL	0.00	0.00
Winding and Assembly Design-Type B									
1416B-113	MCWF mods-As-Built MCWF	01DEC05A	123*	31MAY06A			100	6,748.00	6,748.00
1416B-117	MCWF mods-Studs, Lead Block Mount	01MAY06A	0*	31MAY06A			100	6,748.00	6,748.00
1416B-121	MCWF mods-Seal Groove Adapter	01MAY06A	0*	31MAY06A			100	6,748.00	6,748.00
1416B-129	MCWF mods-Check and Promote	01MAY06A	5	30JUN06A			100	3,372.31	3,372.31
1416B-133	Lead Block Assy-Lead Blocks	28NOV05A	104*	14APR06A			100	13,496.00	13,496.00



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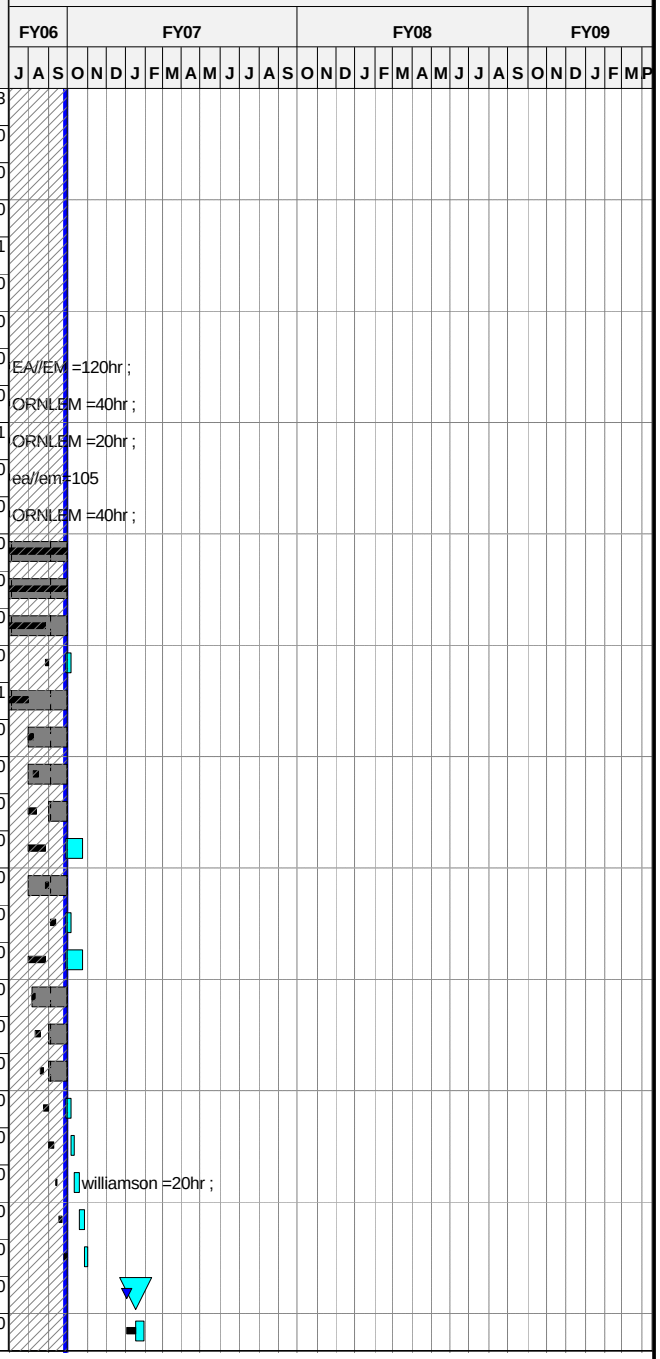
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-xx
1416B-137	Lead Block Assy-Top and Side Plates	28NOV05A	104*	14APR06A			100	13,492.63	13,492.63
1416B-141	Lead Block Assy-Detail Parts, Intralink	10FEB06A	56*	28APR06A			100	10,122.00	10,122.00
1416B-161	Side A Coil Assy-Cladding Asm	03DEC05A	121*	31MAY06A			100	24,461.50	24,461.50
1416B-165	Side A Coil Assy-Cond Layers, Geom Files	03MAR06A	63*	31MAY06A			100	6,748.00	6,748.00
1416B-169	Side A Coil Assy-Magnetic Loops	03MAR06A	63*	31MAY06A			100	3,372.31	3,372.31
1416B-173	Side A Coil Assy-Chill Plates and Tubing	03MAR06A	63*	31MAY06A			100	32,053.00	32,053.00
1416B-177	Side A Coil Assy-Check and Promote	01MAY06A	0*	31MAY06A			100	6,748.00	6,748.00
1416B-181	Side B Coil Assy-Cladding Asm	03DEC05A	143*	30JUN06A			100	20,887.20	20,887.20
1416B-185	Side B Coil Assy-Cond Layers, Geom Files	03MAR06A	85*	30JUN06A			100	6,748.00	6,748.00
1416B-189	Side B Coil Assy-Magnetic Loops	03MAR06A	85*	30JUN06A			100	3,372.31	3,372.31
1416B-193	Side B Coil Assy-Chill Plates and Tubing	03MAR06A	85*	30JUN06A			100	18,276.30	18,276.30
1416B-197	Side B Coil Assy-Check and Promote	01MAY06A	44*	30JUN06A			100	6,748.00	6,748.00
1416B-201	Coil Post VPI mods-Studs Removed	03MAR06A	148*	29SEP06A			RPL	2,699.20	2,699.20
1416B-205	Coil Post VPI mods-Clamp Arrangement	03MAR06A	148*	29SEP06A			RPL	5,398.40	5,398.40
1416B-105	Top level models and drawings	11MAR06A	142*	29SEP06A			RPL	5,398.40	5,398.40
1416B-109	-Check and Promote top level drawings	29SEP06	5	05OCT06		211	RPL	0.00	0.00
1416B-149	Lead Block Assy-Check and Promote	01MAR06A	150*	29SEP06A			RPL	3,372.31	3,372.31
1416B-153	Lead Terminals-Splice Plates	01AUG06A	64*	29SEP06A			RPL	2,361.80	2,361.80
1416B-157	Lead Terminals-Check and Promote	01AUG06A	64*	29SEP06A			RPL	674.80	674.80
1416B-205A	Coil Post VPIU mods cooling/electrical	01SEP06A	28*	29SEP06A			RPL	3,374.00	3,374.00
1416B-209	Coil Post VPI mods-Check and Promote	29SEP06*	19	25OCT06		190	RPL	0.00	0.00
1416B-221	I&C-Strain Gages and T/C	01AUG06A	43*	29SEP06A			RPL	3,374.00	3,374.00
1416B-225	I&C-Rogowski Coils	29SEP06*	5	05OCT06		199	RPL	0.00	0.00
1416B-229	I&C-Check and Promote	29SEP06*	19	25OCT06		190	RPL	0.00	0.00
1416B-233	Coil-to-Coil -Current Feed Insul, Covers	04AUG06A	61*	29SEP06A			RPL	3,374.00	3,374.00
1416B-237	Coil-to-Coil -Windings Insul Blanket	01SEP06A	46*	29SEP06A			RPL	1,687.00	1,687.00
1416B-241	Coil-to-Coil -Bushing Installation	01SEP06A	51*	29SEP06A			RPL	1,687.00	1,687.00
1416B-245	Coil-to-Coil -Check and Promote	29SEP06	5	05OCT06		204	RPL	0.00	0.00
1416B-249	-Type-B Coil Asm Specification	06OCT06*	5	12OCT06		715	RPL	0.00	0.00
1416B-253	-Review and Approve Type-B Spec	13OCT06*	5	19OCT06		715	RPL	0.00	0.00
1416B-257	-Update Coil Fab Procedures	20OCT06*	5	26OCT06		715	RPL	0.00	0.00
1416B-261	-Prepare and Conduct FDR	27OCT06*	5	02NOV06		715	RPL	0.00	0.00
1416B-262	TYPE A, B & C closeout FDR		0	15JAN07		671	RPL	0.00	0.00
1416B-265	-Resolve FDR Comments	16JAN07	10	29JAN07		671	RPL	0.00	0.00



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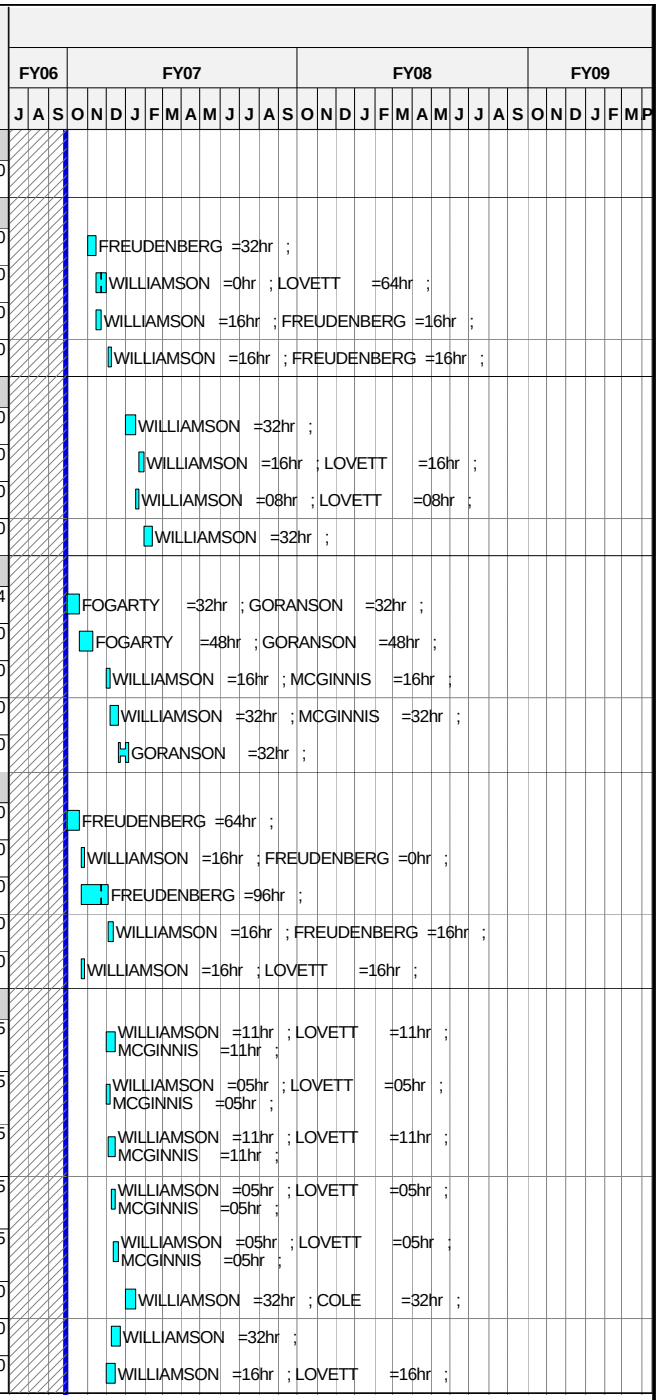
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-xx
Prior Costs									
FY06CV-109	ECP45 FY06 cv	01OCT05A	*251**	30MAR06A			***100***	-211,700.00	-211,700.00
Shear plate design & test									
1416-100	Prepare and test 2nd shear plate mockup	02NOV06*	*10*	15NOV06		***701***		0.00	5,500.80
1416-101	Add shear feature to top-level models/drawings	16NOV06	*10*	01DEC06		***701***		0.00	11,001.60
1416-102	Prepare procedure, materials list for FPA	16NOV06	*5*	22NOV06		***711***		0.00	5,500.80
1416-103	Review and approve shear plate concept	04DEC06	*5*	08DEC06		***701***		0.00	5,500.80
Clamp hardware modifications									
1416-201	Evaluate and select clamp hardware modifications	02JAN07*	*10*	15JAN07		***118***		0.00	5,500.80
1416-202	Revise assembly models/drawings	23JAN07	*5*	29JAN07		***118***		0.00	5,500.80
1416-203	Prepare part dwgs / procurement documentation	16JAN07	*5*	22JAN07		***118***		0.00	2,750.40
1416-204	Review and approve clamp hardware modifications	30JAN07	*10*	12FEB07		***118***		0.00	5,500.80
Blanket thermal insulation									
1416-301	Investigate blanket insulation requirements and	29SEP06	*15*	19OCT06		***113***		0.00	10,987.94
1416-302	Prepare and test install insulation mockups on c	20OCT06	*15*	09NOV06		***113***		0.00	16,502.40
1416-303	Revise part dwgs / procurement documentation	01DEC06*	*5*	07DEC06		***100***		0.00	5,500.80
1416-304	Revise assembly models/drawings	08DEC06	*10*	21DEC06		***100***		0.00	11,001.60
1416-305	Review and approve insulation concept	22DEC06	*5*	05JAN07		***100***		0.00	5,500.80
Fiber optic gage qualification									
1416-401	Perform LN2 adhesion tests	29SEP06	*16*	20OCT06		***133***		0.00	10,988.80
1416-402	Prepare purchase req for gages, adhesive	23OCT06	*5*	27OCT06		***158***		0.00	2,750.40
1416-403	Perform strain cycle tests	23OCT06	*30*	05DEC06		***133***		0.00	16,502.40
1416-404	Review and approve fiber optic gage qualificatio	06DEC06	*5*	12DEC06		***133***		0.00	5,500.80
1416-405	Complete layout of T/Cs and strain gages	23OCT06	*5*	27OCT06		***158***		0.00	5,500.80
Top level assy models/drawings									
1416-501	Complete models/drawings of coolant line routing	01DEC06*	*10*	14DEC06		***697***		0.00	5,497.35
1416-502	Check layout of flux loop terminations and revis	01DEC06*	*5*	07DEC06		***702***		0.00	2,753.85
1416-503	Complete models/drawings of power cable connect	04DEC06*	*10*	15DEC06		***696***		0.00	5,497.35
1416-504	Complete models/drawings of protective covers	11DEC06*	*5*	15DEC06		***696***		0.00	2,753.85
1416-505	Drawing callouts for interface hdw (prelim model	13DEC06*	*5*	19DEC06		***694***		0.00	2,753.85
1416-506	Check and promote top-level models/drawings	02JAN07*	*10*	15JAN07		***661***		0.00	11,001.60
1416-507	Update, review and approve coil asm spec	11DEC06*	*10*	22DEC06		***691***		0.00	5,500.80
1416-508	Complete drawing rev to leads, terminal asm (ECN	01DEC06*	*10*	14DEC06		***697***		0.00	5,500.80



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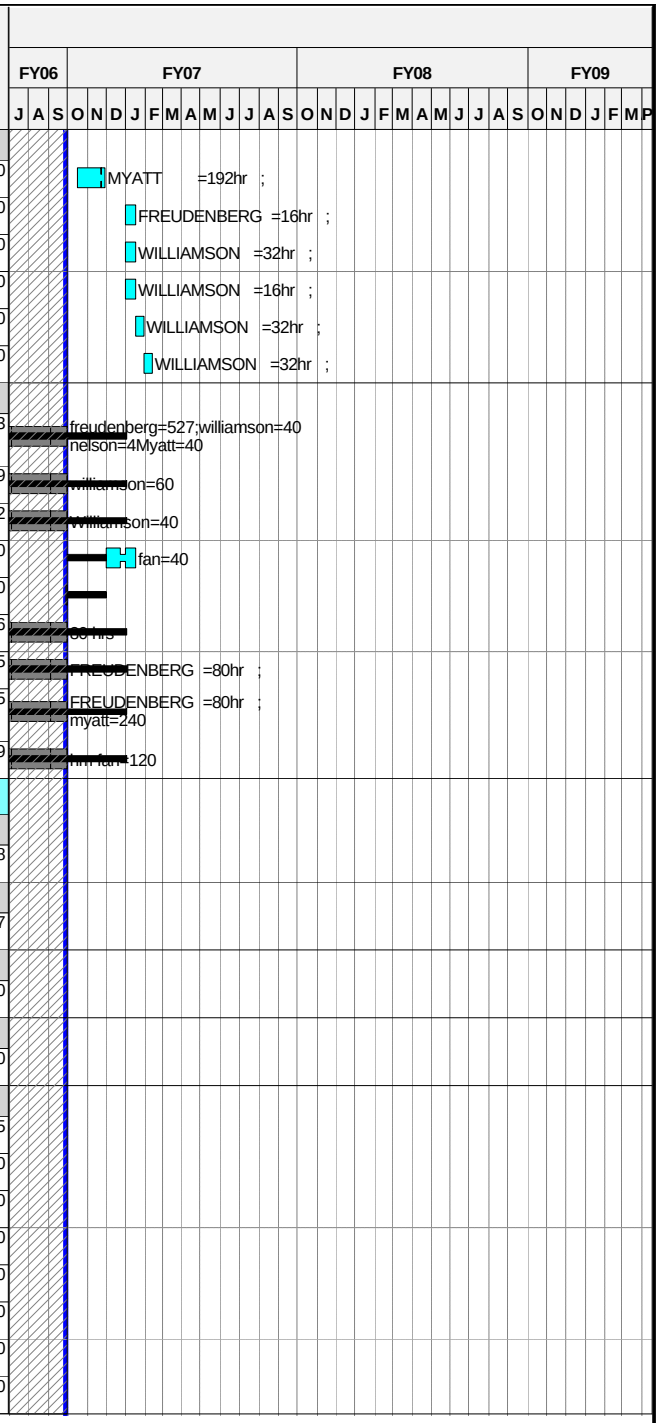
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-xx
Analysis and closeout documentation									
1416-601	Prepare EM and structural analysis of leads	16OCT06*	30	28NOV06		709		0.00	33,004.80
1416-602	Design memo KF structural analysis	02JAN07*	10	15JAN07		681		0.00	2,750.40
1416-603	Update, review and approve FMECA	02JAN07*	10	15JAN07		681		0.00	5,500.80
1416-604	Finalize draft documents - materials, eddy curre	02JAN07*	10	15JAN07		681		0.00	2,750.40
1416-605	Prepare Type-ABC closeout FDR	16JAN07	10	29JAN07		661		0.00	5,500.80
1416-606	Resolve FDR comments	30JAN07	10	12FEB07		661		0.00	5,500.80
Type C Design Closeout									
1403-40.2Z	Update nonlinear winding pack analysis	02AUG04A	560*	29SEP06A			RPL	81,764.53	81,764.53
1403-42H	calculate EM loads at leads	01SEP05A	288*	29SEP06A			RPL	7,038.69	7,038.69
1403-47A	Update,review & approve FMECA	26SEP05A	271*	29SEP06A			RPL	673.72	673.72
1403-47C	Perform cool-down/warmup analysis	01DEC06*	26	15JAN07		671		0.00	7,114.40
1403-50A	Check inductance calculation	29SEP06A	43	29SEP06A			RPL	0.00	0.00
1403-60C	Finish Update design basis document	02MAY05A	374*	29SEP06A			RPL	7,898.66	7,898.66
1403-73	Prep struct analysis report	01MAY05A	374*	29SEP06A			RPL	10,531.55	10,531.55
1403-76	Structural analysis of leads	01OCT04A	517*	29SEP06A			RPL	10,356.65	10,356.65
1403-90	Compile Material properties database	01OCT04A	559*	29SEP06A			RPL	16,285.19	16,285.19
Job:1408-Mod Coil Winding Supplies-CHRZANOWSKI									
+ Prior Costs									
		01APR03A	657	31OCT05A				204,658.48	204,658.48
+ Copper Conductor									
		02AUG04A	315	31OCT05A			100	273,914.27	273,914.27
+ Insulation for conductor									
		09JUL04A	245	30JUN05A			100	26,901.00	26,901.00
+ Groundwrap Insulation									
		03JAN05A	41	28FEB05A			100	25,620.00	25,620.00
Cladding									
1408-505	PPPL Fabr Cladding Type C for Coil c1	01MAY05A	15	31MAY05A			100	3,586.65	3,586.65
1408-507	PPPL Fabr Cladding Type C for Coil c2	02OCT05A	58*	23DEC05A			100	3,838.80	3,838.80
1408-501	Submet Requisition for Type C Cladding	31OCT05A	1	31OCT05A			100	0.00	0.00
1408-503	Bid and Award Type C Cladding (PE006336)	01NOV05A	20	30NOV05A			100	0.00	0.00
1408-509	Fabr Cladding Type C for Coil c3	03DEC05A	36	31JAN06A			100	3,838.80	3,838.80
1408-511	Fabr Cladding Type C for Coil c4	03DEC05A	36	31JAN06A			100	3,838.80	3,838.80
1408-513	Fabr Cladding Type C for Coil c5	03DEC05A	36	31JAN06A			100	3,838.80	3,838.80
1408-515	Fabr Cladding Type C for Coil c6	03DEC05A	36	31JAN06A			100	3,838.80	3,838.80



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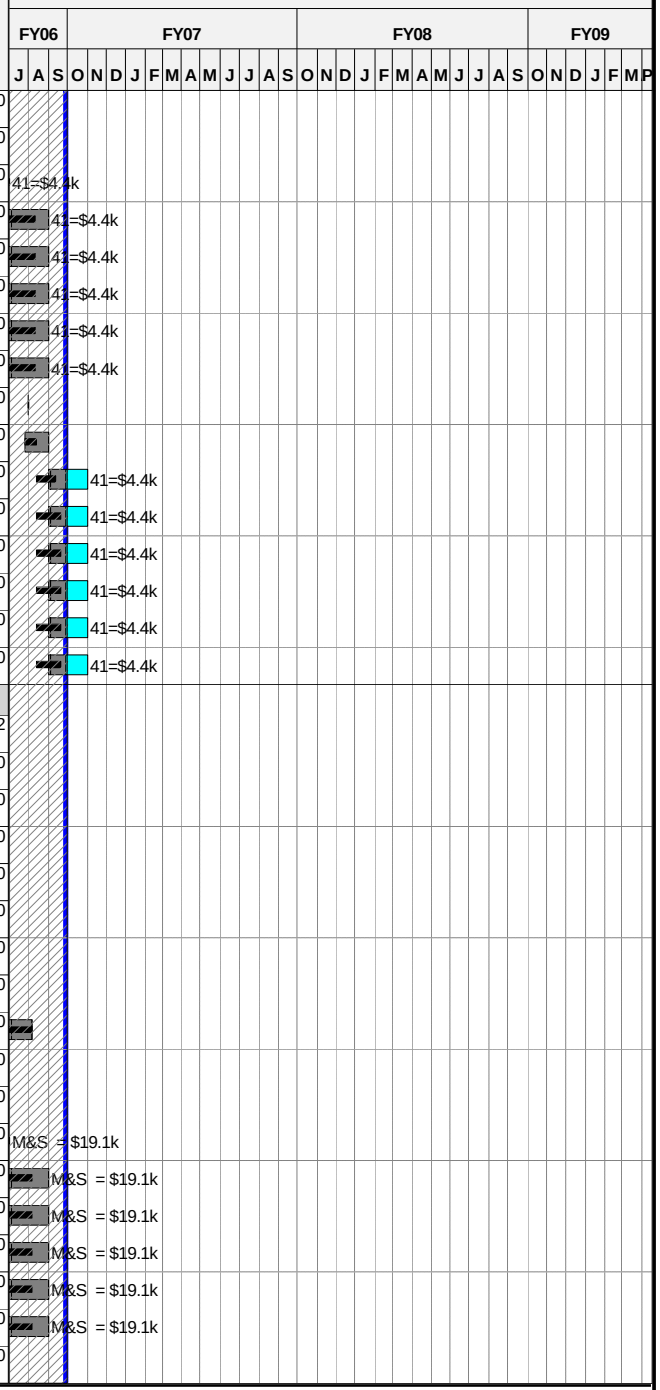
1408-517	Submet Requisition for Type A Cladding	01APR06A	5	14APR06A				0.00	0.00
1408-519	Bid and Award Type A Cladding	17APR06A	30	26APR06A				0.00	0.00
1408-521	Fabr Cladding Type A for Coil a1	01JUN06A	0*	30JUN06A			100	6,032.40	6,032.40
1408-523	Fabr Cladding Type A for Coil a2	01JUN06A	49*	31AUG06A			100	6,032.40	6,032.40
1408-525	Fabr Cladding Type A for Coil a3	01JUN06A	49*	31AUG06A			100	6,032.40	6,032.40
1408-527	Fabr Cladding Type A for Coil a4	01JUN06A	49*	31AUG06A			100	6,032.40	6,032.40
1408-529	Fabr Cladding Type A for Coil a5	01JUN06A	49*	31AUG06A			100	6,032.40	6,032.40
1408-531	Fabr Cladding Type A for Coil a6	01JUN06A	49*	31AUG06A			100	6,032.40	6,032.40
1408-533	Submet Requisition for Type B Cladding	31JUL06A	5	31JUL06A				0.00	0.00
1408-535	Bid and Award Type B Cladding	24JUL06A	29*	31AUG06A				0.00	0.00
1408-537	Fabr Cladding Type B for Coil b1	01SEP06A	43*	01NOV06		112	50	3,016.20	6,032.40
1408-539	Fabr Cladding Type B for Coil b2	01SEP06A	43*	01NOV06		158	50	3,016.20	6,032.40
1408-541	Fabr Cladding Type B for Coil b3	01SEP06A	43*	01NOV06		177	50	3,016.20	6,032.40
1408-543	Fabr Cladding Type B for Coil b4	01SEP06A	43*	01NOV06		204	50	3,016.20	6,032.40
1408-545	Fabr Cladding Type B for Coil b5	01SEP06A	43*	01NOV06		223	50	3,016.20	6,032.40
1408-547	Fabr Cladding Type B for Coil b6	01SEP06A	43*	01NOV06		250	50	3,016.20	6,032.40
Lead hardware & Fillers									
1408-705	Fabr Lead HW Type C for Coil c1	01JUL05A	131*	30DEC05A			100	93,326.22	93,326.22
1408-707	Fabr Lead HW Type C for Coil c2	01JUL05A	131*	31JAN06A			100	24,911.70	24,911.70
1408-701	Submet Requisition for Type C3-C6 Lead HW	01AUG05A	5	05AUG05A			100	0.00	0.00
1408-703	Bid and Award Type C3-C6 Lead HW	08AUG05A	30	02DEC05A			100	0.00	0.00
1408-709	Fabr Lead HW Type C for Coil c3	03JAN06A	20	31JAN06A			100	26,186.10	26,186.10
1408-711	Fabr Lead HW Type C for Coil c4	03JAN06A	20	31JAN06A			100	26,186.10	26,186.10
1408-713	Fabr Lead HW Type C for Coil c5	03JAN06A	20	31JAN06A			100	26,186.10	26,186.10
1408-715	Fabr Lead HW Type C for Coil c6	03JAN06A	20	31JAN06A			100	26,186.10	26,186.10
1408-721A	Fab & Deliver Lower lead blocks (PE006621)	31MAR06A	85*	03AUG06A				0.00	0.00
1408-717	Submet Req for Type A Lead HW R403928	31MAR06A	5	31MAR06A				0.00	0.00
1408-719	Bid and Award Type A Lead HW (PE006621 & 6646)	31MAR06A	25	14APR06A				0.00	0.00
1408-721	Fabr Lead HW Type A for Coil a1	01MAY06A	44*	30JUN06A			100	26,186.10	26,186.10
1408-723	Fabr Lead HW Type A for Coil a2	01MAY06A	67*	31AUG06A			100	26,186.10	26,186.10
1408-725	Fabr Lead HW Type A for Coil a3	01MAY06A	67*	31AUG06A			100	26,186.10	26,186.10
1408-727	Fabr Lead HW Type A for Coil a4	01MAY06A	67*	31AUG06A			100	26,186.10	26,186.10
1408-729	Fabr Lead HW Type A for Coil a5	01MAY06A	67*	31AUG06A			100	26,186.10	26,186.10
1408-731	Fabr Lead HW Type A for Coil a6	01MAY06A	67*	31AUG06A			100	26,186.10	26,186.10
1408-733	Submet Requisition for Type B Lead HW	09JUN06A	5	09JUN06A				0.00	0.00



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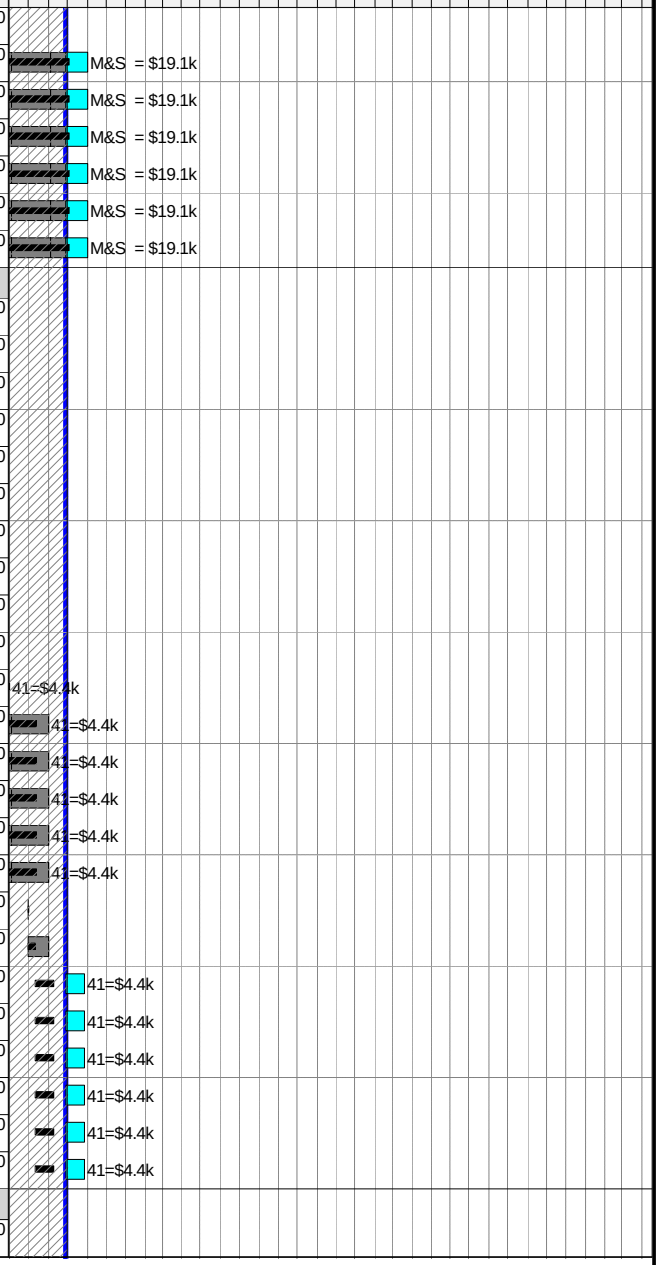
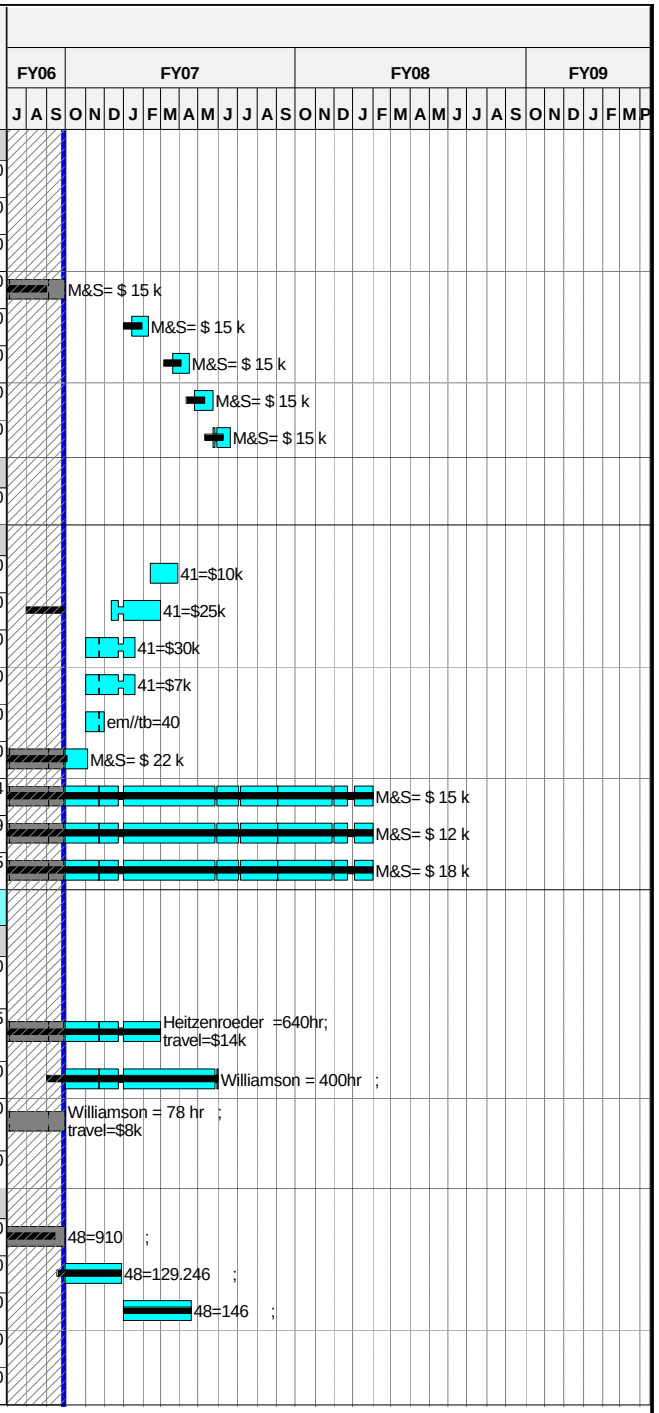
1408-735	Bid and Award Type B Lead HW	12JUN06A	20	23JUN06A				0.00	0.00
1408-737	Fabr Lead HW Type B for Coil b1	23JUN06A	92*	01NOV06		119	70	18,330.27	26,186.10
1408-739	Fabr Lead HW Type B for Coil b2	23JUN06A	92*	01NOV06		276	70	18,330.27	26,186.10
1408-741	Fabr Lead HW Type B for Coil b3	23JUN06A	92*	01NOV06		184	70	18,330.27	26,186.10
1408-743	Fabr Lead HW Type B for Coil b4	23JUN06A	92*	01NOV06		211	70	18,330.27	26,186.10
1408-745	Fabr Lead HW Type B for Coil b5	23JUN06A	92*	01NOV06		230	70	18,330.27	26,186.10
1408-747	Fabr Lead HW Type B for Coil b6	23JUN06A	92*	01NOV06		257	70	18,330.27	26,186.10
Chill Plates									
1408-605	PPPL Fabr Chill Plts Type C for Coil c1	28NOV05A	20*	22DEC05A			100	3,838.80	3,838.80
1408-601	Submet Requisition for Type C Chill Plts	28NOV05A	5	30NOV05A			100	0.00	0.00
1408-603	Bid and Award Type C Chill Plts	01DEC05A	30	05DEC05A			100	0.00	0.00
1408-607	Fabr Chill Plts Type C for Coil c2	03JAN06A	20	31JAN06A			100	3,838.80	3,838.80
1408-609	Fabr Chill Plts Type C for Coil c3	03JAN06A	20	31JAN06A			100	3,838.80	3,838.80
1408-611	Fabr Chill Plts Type C for Coil c4	03JAN06A	20	31JAN06A			100	3,838.80	3,838.80
1408-613	Fabr Chill Plts Type C for Coil c5	03JAN06A	20	31JAN06A			100	3,838.80	3,838.80
1408-615	Fabr Chill Plts Type C for Coil c6	03JAN06A	20	31JAN06A			100	3,838.80	3,838.80
1408-617	Submet Requisition for Type A Chill Plts	01APR06A	5	14APR06A				0.00	0.00
1408-619	Bid and Award Type A Chill Plts (PE006657)	17APR06A	30	26APR06A				0.00	0.00
1408-621	Fabr Chill Plts Type A for Coil a1	01JUN06A	0*	30JUN06A			100	6,032.40	6,032.40
1408-623	Fabr Chill Plts Type A for Coil a2	01JUN06A	51*	31AUG06A			100	6,032.40	6,032.40
1408-625	Fabr Chill Plts Type A for Coil a3	01JUN06A	51*	31AUG06A			100	6,032.40	6,032.40
1408-627	Fabr Chill Plts Type A for Coil a4	01JUN06A	51*	31AUG06A			100	6,032.40	6,032.40
1408-629	Fabr Chill Plts Type A for Coil a5	01JUN06A	51*	31AUG06A			100	6,032.40	6,032.40
1408-631	Fabr Chill Plts Type A for Coil a6	01JUN06A	51*	31AUG06A			100	6,032.40	6,032.40
1408-633	Submet Requisition for Type B Chill Plts	31JUL06A	5	31JUL06A				0.00	0.00
1408-635	Bid and Award Type B Chill Plts	01AUG06A	8	31AUG06A				0.00	0.00
1408-637	Fabr Chill Plts Type B for Coil b1	29SEP06*	20	26OCT06		154		0.00	6,032.40
1408-639	Fabr Chill Plts Type B for Coil b2	29SEP06*	20	26OCT06		311		0.00	6,032.40
1408-641	Fabr Chill Plts Type B for Coil b3	29SEP06*	20	26OCT06		219		0.00	6,032.40
1408-643	Fabr Chill Plts Type B for Coil b4	29SEP06*	20	26OCT06		246		0.00	6,032.40
1408-645	Fabr Chill Plts Type B for Coil b5	29SEP06*	20	26OCT06		265		0.00	6,032.40
1408-647	Fabr Chill Plts Type B for Coil b6	29SEP06*	20	26OCT06		292		0.00	6,032.40
+ Tubing									
		28NOV05A	41	31JAN06A			100	2,742.00	2,742.00



Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-xx
Epoxy									
1408-111	Epoxy - Requisition	01JAN05A	5	31JAN05A			100	0.00	0.00
1408-114	Epoxy -Evaluate Bids & Award	01MAY05A	10	31MAY05A			100	0.00	0.00
1408-117	Epoxy -1st Delivery for Production	31JAN06A	20	31JAN06A			100	20,565.00	20,565.00
1408-119	Epoxy -2nd Delivery for Production	01MAY06A	107*	29SEP06A			100	20,565.00	20,565.00
1408-121	Epoxy -3rd Delivery for Production	15JAN07	20	09FEB07		121		0.00	20,565.00
1408-123	Epoxy -4th Delivery for Production	20MAR07	20	16APR07		123		0.00	20,565.00
1408-125	Epoxy -5th Delivery for Production	25APR07	20	22MAY07		117		0.00	20,565.00
1408-127	Epoxy -6th Delivery for Production	23MAY07	20	20JUN07		117		0.00	20,565.00
+ Clamps									
		01DEC05A	123	31MAY06A			100	370,170.00	370,170.00
Other									
1408-950	Buy new clamp hardware (bushings)	13FEB07*	30	26MAR07		118		0.00	13,710.00
174-035	Procure Modular Coil local Strain Gages	13DEC06*	50	28FEB07		133		0.00	34,275.00
174-036	Procure Modular Coil I&C Data Acq Controller	01NOV06*	50	19JAN07		161		0.00	41,130.00
174-037	Procure Modular Coil Thermocouples	01NOV06*	50	19JAN07		161		0.00	9,597.00
1408-038	PPPL Fab I&C Termination Boxes (36)	01NOV06*	20	30NOV06		195		0.00	3,328.80
1408-184	Vulcanizing tape, felt and RTV	03JAN06A	216*	03NOV06		724	83	25,034.46	30,162.00
1408-137	Safety & PPE equipt & supplies	01MAY05A	686*	31JAN08		420	80	16,329.55	20,411.94
1408-138	Misc. Supplies	01JUL05A	643*	31JAN08		420	80	13,114.87	16,393.59
1408-173	Epoxy for Shell Mold (Hysol)	03JAN06A	520*	31JAN08		420	60	14,863.29	24,772.15
Job: 1411-MCWF Fabrication S005242-HEITZENROEDER									
Contract Oversighjt and Title III									
172-031	Title III engr	24MAY04A	340*	30SEP05A			LOE	76,273.90	76,273.90
172-031.1	Title III engr	01OCT05A	350*	01MAR07		648	LOE	96,945.01	136,734.85
172-031.1X	Title III engr ORNL FY07	02OCT06*	165*	31MAY07		584	LOE	0.00	68,760.00
172-031.2	Title III engr ORNL	01OCT05A	249*	29SEP06A			LOE	21,294.60	21,294.60
FY05CV-23	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				275,000.00	275,000.00
MCWF-001	EIO Project Mgt. & Reporting	29OCT04A	495*	29SEP06A			LOE	910,000.00	910,000.00
MCWF-001A	EIO Project Mgt. & Reporting AMEND #11	29SEP06	66*	29DEC06		709		0.00	129,250.00
MCWF-001B	EIO Project Mgt. & Reporting AMEND #12	02JAN07*	76*	17APR07		633		0.00	146,000.00
MCWF-011	Pattern A complete	29OCT04A	126*	01APR05A			100	290,125.00	290,125.00
MCWF-021	Pattern B complete	01DEC04A	220*	30SEP05A			100	255,120.00	255,120.00



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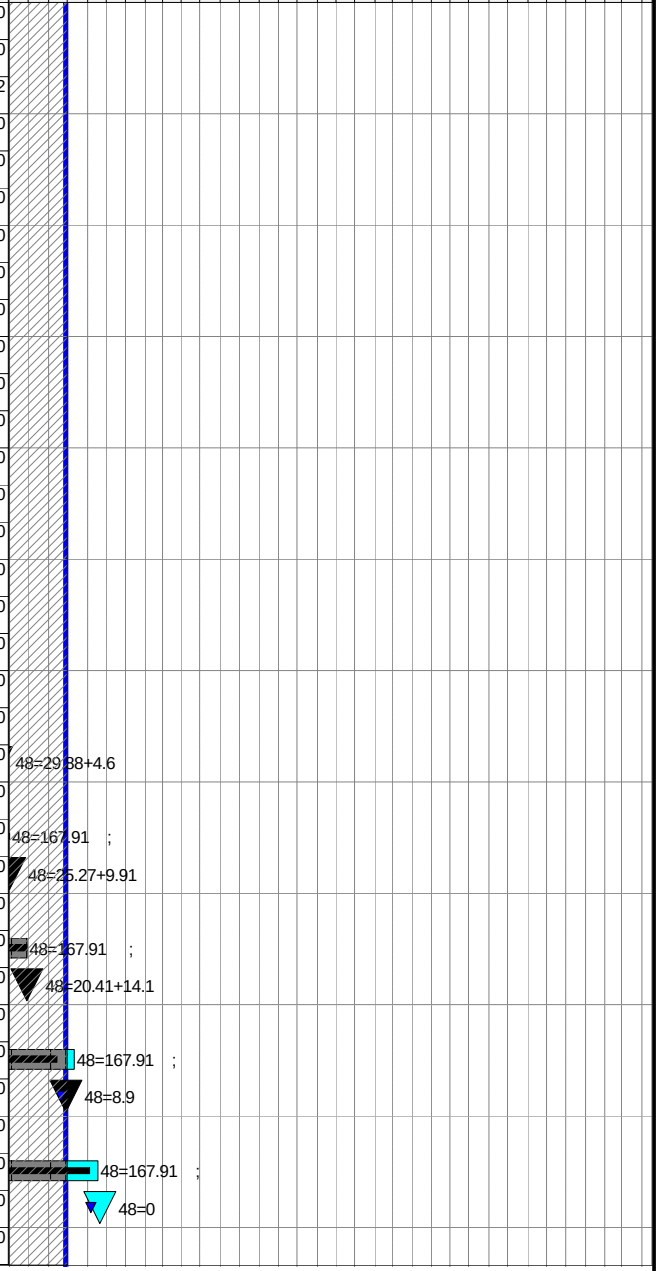
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-xx
MCWF-031	Major Tool Tooling Complete	29OCT04A	82*	28FEB05A			100	628,622.00	628,622.00
MCWF-041	Materials (MetalTek)	29NOV04A	282*	31AUG05A			100	744,750.00	744,750.00
MCWF-051	C1-MTK-casting upgrade	20DEC04A	63*	31MAR05A			100	146,248.12	146,248.12
MCWF-061	C1-MTM - machining/inspection	01APR05A	136*	30SEP05A	M		100	159,560.00	159,560.00
C-121.1	First MCWF C-1 Delivered		0	30SEP05A			100	0.00	0.00
MCWF-071	C1-Receive at PPPL		0	03OCT05A			100	0.00	0.00
MCWF-081	C2-MTK-casting	01APR05A	66*	27JUN05A			100	142,920.00	142,920.00
MCWF-091	C2-MTM - machining/inspection	28JUN05A	125*	16DEC05A			100	169,040.00	169,040.00
MCWF-101	C2-Receive at PPPL		0	16DEC05A			100	0.00	0.00
MCWF-141	C3-MTK-casting	12MAY05A	102*	19SEP05A			100	142,920.00	142,920.00
MCWF-151	C3-MTM - machining/inspection	20SEP05A	108*	27FEB06A			100	167,910.00	167,910.00
MCWF-161	C3-Receive at PPPL		0	27FEB06A			100	45,000.00	45,000.00
MCWF-201	C4-MTK-casting	16MAY05A	122*	31OCT05A			100	142,920.00	142,920.00
MCWF-211	C4-MTM - machining/inspection	31OCT05A	102*	27MAR06A			100	167,910.00	167,910.00
MCWF-221	C4-Receive at PPPL		0	27MAR06A			100	35,790.00	35,790.00
MCWF-261	C5-MTK-casting	30MAY05A	128*	30NOV05A			100	142,920.00	142,920.00
MCWF-271	C5-MTM - machining/inspection	01DEC05A	101*	28APR06A			100	167,910.00	167,910.00
MCWF-281	C5-Receive at PPPL		0	28APR06A			100	38,480.00	38,480.00
MCWF-111	A1-MTK-casting	22APR05A	116*	08SEP05A			100	142,710.00	142,710.00
MCWF-121	A1-MTM - machining/inspection	09SEP05A	108*	01JUN06A			100	167,910.00	167,910.00
MCWF-131	A1-Receive at PPPL		0	05JUN06A			100	34,480.00	34,480.00
MCWF-171	A2-MTK-casting	17AUG05A	91*	23DEC05A			100	142,710.00	142,710.00
MCWF-181	A2-MTM - machining/inspection	14NOV05A	156*	30JUN06A			100	167,910.00	167,910.00
MCWF-191	A2-Receive at PPPL		0	30JUN06A			100	35,180.00	35,180.00
MCWF-351	A3-MTK-casting	26SEP05A	84*	31JAN06A			100	142,710.00	142,710.00
MCWF-361	A3-MTM - machining/inspection	01MAR06A	107*	27JUL06A			100	167,910.00	167,910.00
MCWF-371	A3-Receive at PPPL		0	28JUL06A			100	34,510.00	34,510.00
MCWF-231	B1-MTK-casting	16SEP05A	110*	28FEB06A			100	142,710.00	142,710.00
MCWF-241	B1-MTM - machining/inspection	01MAR06A	159*	12OCT06		740	100	157,331.67	167,910.00
MCWF-251	B1-Receive at PPPL		0	27SEP06A			100	8,900.00	8,900.00
MCWF-381	A4-MTK-casting	15DEC05A	71*	14MAR06A			100	142,920.00	142,920.00
MCWF-391	A4-MTM - machining/inspection	14MAR06A	176*	17NOV06		114	75	125,932.50	167,910.00
MCWF-401	A4-Receive at PPPL		0	20NOV06		114		0.00	0.00
MCWF-321	B2-MTK-casting	31JAN06A	64*	28APR06A			100	142,710.00	142,710.00



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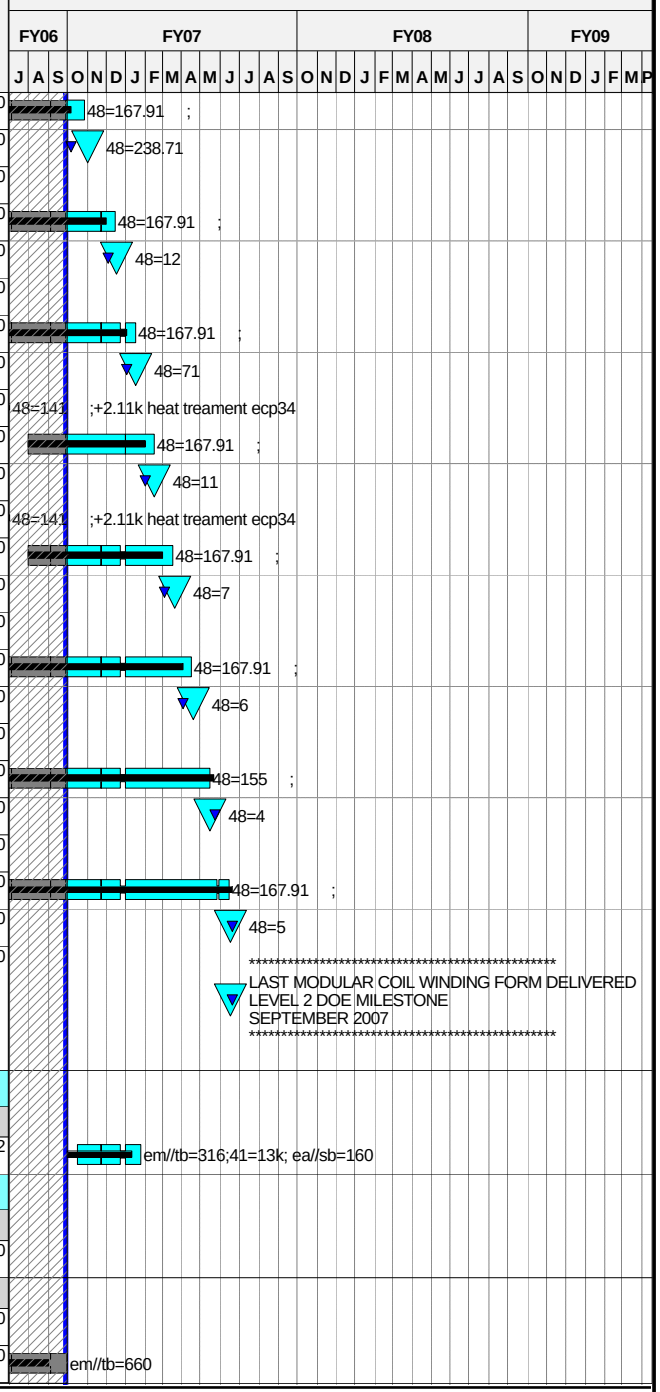
MCWF-331	B2-MTM - machining/inspection	28APR06A	128*	27OCT06		156	85	142,723.50	167,910.00
MCWF-341	B2-Receive at PPPL		0	01NOV06*		154		0.00	238,710.00
MCWF-471	B3-MTK-casting	13FEB06A	65*	12MAY06A			100	142,920.00	142,920.00
MCWF-481	B3-MTM - machining/inspection	18MAY06A	147*	15DEC06		142	35	58,768.50	167,910.00
MCWF-491	B3-Receive at PPPL		0	18DEC06		142		0.00	12,000.00
MCWF-501	B4-MTK-casting	28MAR06A	39*	25MAY06A			100	142,920.00	142,920.00
MCWF-511	B4-MTM - machining/inspection	26MAY06A	156*	15JAN07		154	35	58,768.50	167,910.00
MCWF-521	B4-Receive at PPPL		0	16JAN07		154		0.00	71,000.00
MCWF-531	B5-MTK-casting	13APR06A	56*	30JUN06A			100	142,920.00	142,920.00
MCWF-541	B5-MTM - machining/inspection	31JUL06A	142*	14FEB07		151	15	25,186.50	167,910.00
MCWF-551	B5-Receive at PPPL		0	15FEB07		151		0.00	11,000.00
MCWF-561	B6-MTK-casting	28APR06A	45*	30JUN06A			100	142,920.00	142,920.00
MCWF-571	B6-MTM - machining/inspection	31JUL06A	156*	16MAR07		156	1	1,679.10	167,910.00
MCWF-581	B6-Receive at PPPL		0	19MAR07		156		0.00	7,000.00
MCWF-411	A5-MTK-casting	13JAN06A	45*	29MAR06A			100	142,920.00	142,920.00
MCWF-421	A5-MTM - machining/inspection	01MAY06A	240*	16APR07		154	10	16,791.00	167,910.00
MCWF-431	A5-Receive at PPPL		0	17APR07		154		0.00	6,000.00
MCWF-441	A6-MTK-casting	31JAN06A	64*	20APR06A			100	142,710.00	142,710.00
MCWF-451	A6-MTM - machining/inspection	01MAY06A	261*	15MAY07		160	2	3,100.00	155,000.00
MCWF-461	A6-Receive at PPPL		0	16MAY07		160		0.00	4,000.00
MCWF-291	C6-MTK-casting	16JUN05A	155*	03FEB06A			100	142,920.00	142,920.00
MCWF-301	C6-MTM - machining/inspection	03APR06A	302*	14JUN07		158	20	33,582.00	167,910.00
MCWF-311	C6-Receive at PPPL		0	15JUN07		158		0.00	5,000.00
C-501B1	Last MCWF Delivered		0	15JUN07		573		0.00	0.00
Job:1460 3rd Winding Fixture-CHRZANOWSKI									
WINDFIX	3rd winding fixture	16OCT06*	65	24JAN07	1	674	100	0.00	63,058.12
Job: 1451 - Mod Coil Winding-CHRZANOWSKI									
Prior Costs									
FY05CV-25	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				81,000.00	81,000.00
Station 1 Prep casting & Install Cladding									
C1RW	C1 rework	03OCT05A	5	07OCT05A	1		100	46,461.00	46,461.00
C2RW	type C h/w rework	03APR06A	149*	29SEP06A	1		100	53,750.40	53,750.40



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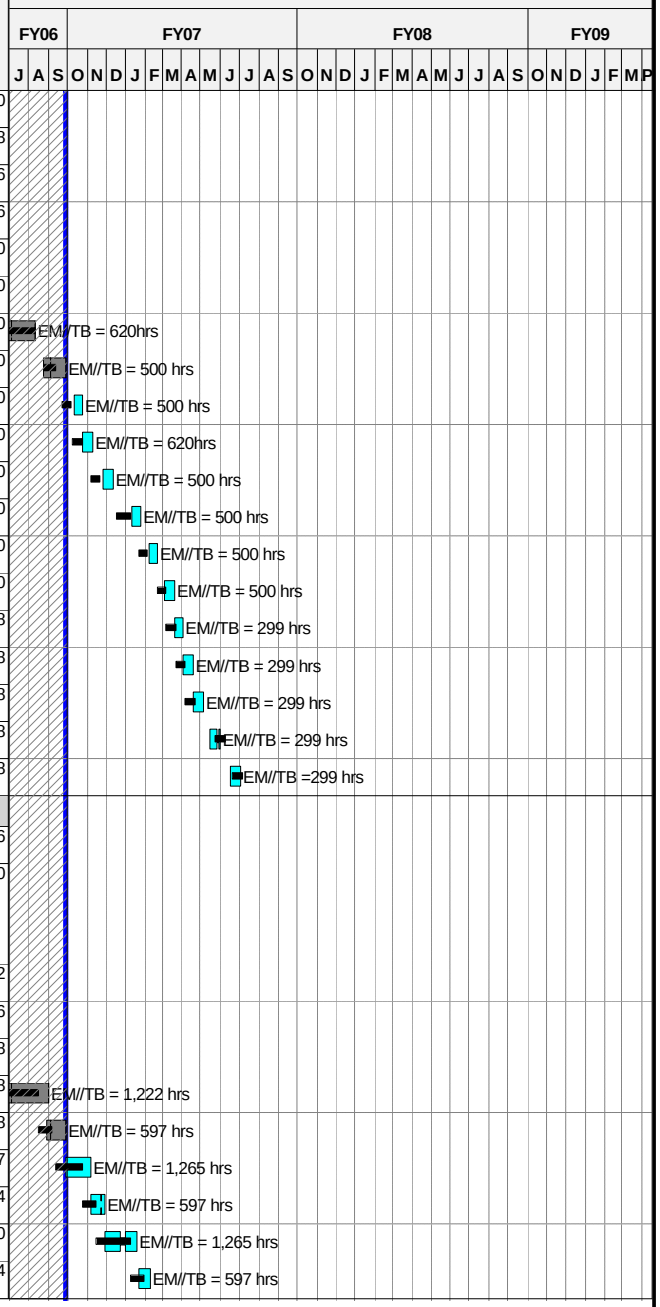
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-xx
1451TRAIN	Training for winding teams	25JUL05A	3	29JUL05A			100	0.00	0.00
P1-001	Rec C1,Prep& Instl Cladding>>@125% 1 shift	10OCT05A	23	24OCT05A	1		100	54,727.68	54,727.68
P1-091	Receive C2, Prep& Instl Cladding	19DEC05A	26*	26JAN06A	1		100	44,303.36	44,303.36
P2-091	Receive C3, Prep& Instl Cladding	03MAR06A	16	31MAR06A	1		100	44,303.36	44,303.36
P3-091	Receive C4, Prep& Instl Cladding	28MAR06A	46*	10MAY06A	1		100	40,720.00	40,720.00
P1-121	Receive C5, Prep& Instl Cladding	22MAY06A	29*	23JUN06A	1		100	40,720.00	40,720.00
P2-001	Receive A1, Prep& Instl Cladding	19JUN06A	37*	09AUG06A	1		100	50,492.80	50,492.80
P3-001	Receive A2, Prep& Instl Cladding	24AUG06A	25*	26SEP06A	2		100	40,720.00	40,720.00
P3-031	Receive A3, Prep& Instl Cladding	11OCT06	11	25OCT06	2	97		0.00	41,610.00
P1-031	Receive B1, Prep& Instl Cladding	26OCT06	12	10NOV06	2	112		0.00	51,596.40
P3-121	Receive A4, Prep& Instl Cladding	27NOV06	11	11DEC06	2	112		0.00	41,610.00
P2-121	Receive B2, Prep& Instl Cladding	11JAN07	11	25JAN07	2	112		0.00	41,610.00
P2-061	Receive B3, Prep& Instl Cladding	07FEB07	11	21FEB07	2	112		0.00	41,610.00
P2-151	Receive B4, Prep& Instl Cladding	05MAR07	11	19MAR07	2	121		0.00	41,610.00
P3-061	Receive B5, Prep& Instl Cladding	20MAR07	11	03APR07	2	129		0.00	24,882.78
P3-151	Receive B6, Prep& Instl Cladding	04APR07	11	18APR07	2	145		0.00	24,882.78
P1-061	Receive A5, Prep& Instl Cladding	19APR07	11	03MAY07	2	153		0.00	24,882.78
P1-151	Receive A6, Prep& Instl Cladding	17MAY07	11	01JUN07	2	160		0.00	24,882.78
P2-031	Receive C6, Prep& Instl Cladding	18JUN07	11	02JUL07	2	158		0.00	24,882.78
Station 2-Winding, Instl Chill Plates,Tubing,Bag									
P1-011	Wind coil C1>>@150%	25OCT05A	63*	27JAN06A	2		100	118,006.56	118,006.56
P1-011J	Complete Winding First Modular Coil		0	19DEC05A	2		100	0.00	0.00
P1-020	Instl Chill Plates,Tubing, Bag C1>>@150%	31JAN06A	24*	03MAR06A	2		100	41,371.52	41,371.52
P2-101	Wind coil C-3	31MAR06A	43*	15MAY06A	2		100	116,377.76	116,377.76
P2-110	Instl Chill Plates,Tubing,Bag C3	16MAY06A	33*	21JUN06A	2		100	48,619.68	48,619.68
P1-131	Wind coil C5	23JUN06A	37*	30AUG06A	2		100	99,519.68	99,519.68
P1-140	Instl Chl Plates,Tubing, Bag C5	30AUG06A	21*	26SEP06A	2		100	48,619.68	48,619.68
P3-011	Wind coil A2	27SEP06A	29	06NOV06	2	101	11	11,554.44	105,040.37
P3-020	Instl Chill Plates,Tubing, Bag A2	07NOV06	15	29NOV06	2	101		0.00	49,682.34
P1-041	Wind coil B1	30NOV06	31	19JAN07	2	101		0.00	105,273.30
P1-050	Instl Chl Plates,Tubing, Bag B1	22JAN07	15	09FEB07	2	101		0.00	49,682.34



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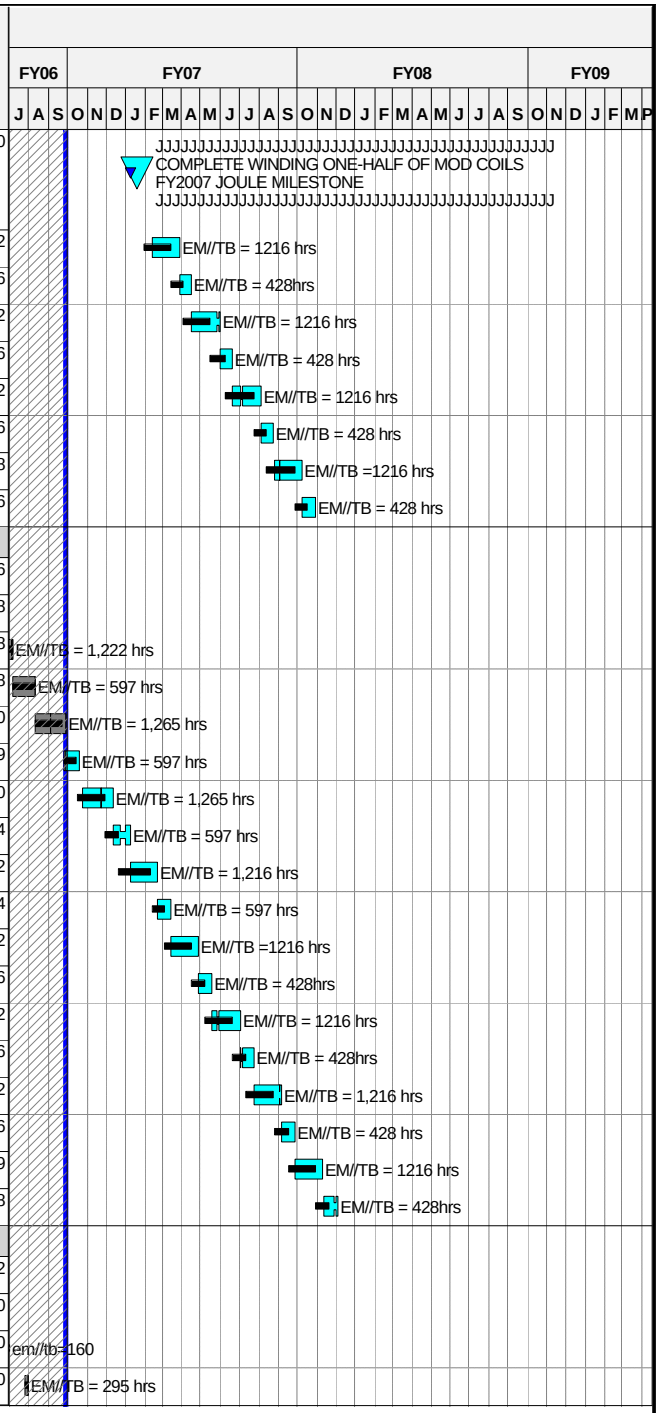
P2-041JOUL	JOULE FY07 Cmplt winding one-half modular coils		0	19JAN07	2	101		0.00	0.00
P1-071	Wind coil B2	12FEB07	31	26MAR07	2	101		0.00	101,195.52
P1-080	Instl Chl Plates,Tubing,Bag B2	27MAR07	15	16APR07	2	101		0.00	35,618.16
P2-161	Wind coil B4	17APR07	31	30MAY07	2	101		0.00	101,195.52
P2-170	Instl Chill Plates,Tubing,Bag B4	31MAY07	15	20JUN07	2	101		0.00	35,618.16
P3-161	Wind coil B6	21JUN07	31	03AUG07	2	101		0.00	101,195.52
P3-170	Instl Chill Plates,Tubing,Bag B6	06AUG07	15	24AUG07	2	101		0.00	35,618.16
P1-161	Wind coil A6	27AUG07	31	09OCT07	2	101		0.00	101,810.58
P1-170	Instl Chill Plates,Tubing,Bag A6	10OCT07	15	30OCT07	2	101		0.00	36,405.96
Station 4-Winding, Instl Chill Plates,Tubing,Bag									
P1-101	Wind coil C-2>>@125%	27JAN06A	46*	31MAR06A	2		100	116,377.76	116,377.76
P1-110	Instl Chill Plates,Tubing,Bag C2	01APR06A	42*	09MAY06A	2		100	48,619.68	48,619.68
P3-101	Wind coil C4	11MAY06A	38*	06JUL06A	2		100	99,519.68	99,519.68
P3-110	Instl Chill Plates,Tubing, Bag C4	06JUL06A	25*	10AUG06A	2		100	48,619.68	48,619.68
P2-011	Wind coil A1	11AUG06A	34*	26SEP06A	2		100	103,021.60	103,021.60
P2-020	Instl Chill Plates,Tubing, Bag A1	26SEP06A	15	19OCT06	2	101	23	11,372.62	49,446.19
P3-041	Wind coil A3	26OCT06	31	11DEC06	2	97		0.00	105,273.30
P3-050	Instl Chl Plates,Tubing, Bag A3	12DEC06	15	09JAN07	2	97		0.00	49,682.34
P3-131	Wind coil A4	10JAN07	31	21FEB07	2	97		0.00	101,195.52
P3-140	Instl Chl Plates,Tubing, Bag A4	22FEB07	15	14MAR07	2	97		0.00	49,682.34
P2-071	Wind coil B3	15MAR07	31	26APR07	2	97		0.00	101,195.52
P2-080	Instl Chill Plates,Tubing,Bag B3	27APR07	15	17MAY07	2	97		0.00	35,618.16
P3-071	Wind coil B5	18MAY07	31	02JUL07	2	97		0.00	101,195.52
P3-080	Instl Chill Plates,Tubing,Bag B5	03JUL07	15	24JUL07	2	97		0.00	35,618.16
P2-131	Wind coil A5	25JUL07	31	06SEP07	2	97		0.00	101,195.52
P2-140	Instl Chl Plates,Tubing, Bag A5	07SEP07	15	27SEP07	2	97		0.00	35,618.16
P2-041	Wind coil C6	28SEP07	31	09NOV07	2	97		0.00	103,831.49
P2-050	Instl Chl Plates,Tubing, Bag C6	12NOV07	15	04DEC07	2	97		0.00	36,576.88
Station 5-VPI									
P1-021V	VPI (Station 5) C1	06MAR06A	6*	13MAR06A	2		100	26,712.32	26,712.32
P1-111V	VPI (Station 5) C2	22MAY06A	4*	31MAY06A	2		100	24,024.80	24,024.80
P1-111VCU	Cleanup and Ready Autoclave	03JUN06A	8	30JUN06A	1		100	13,030.40	13,030.40
P2-111V	VPI (Station 5) C3	24JUL06A	8	31JUL06A	2		100	24,024.80	24,024.80



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Forecast
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Critical Activity

0609

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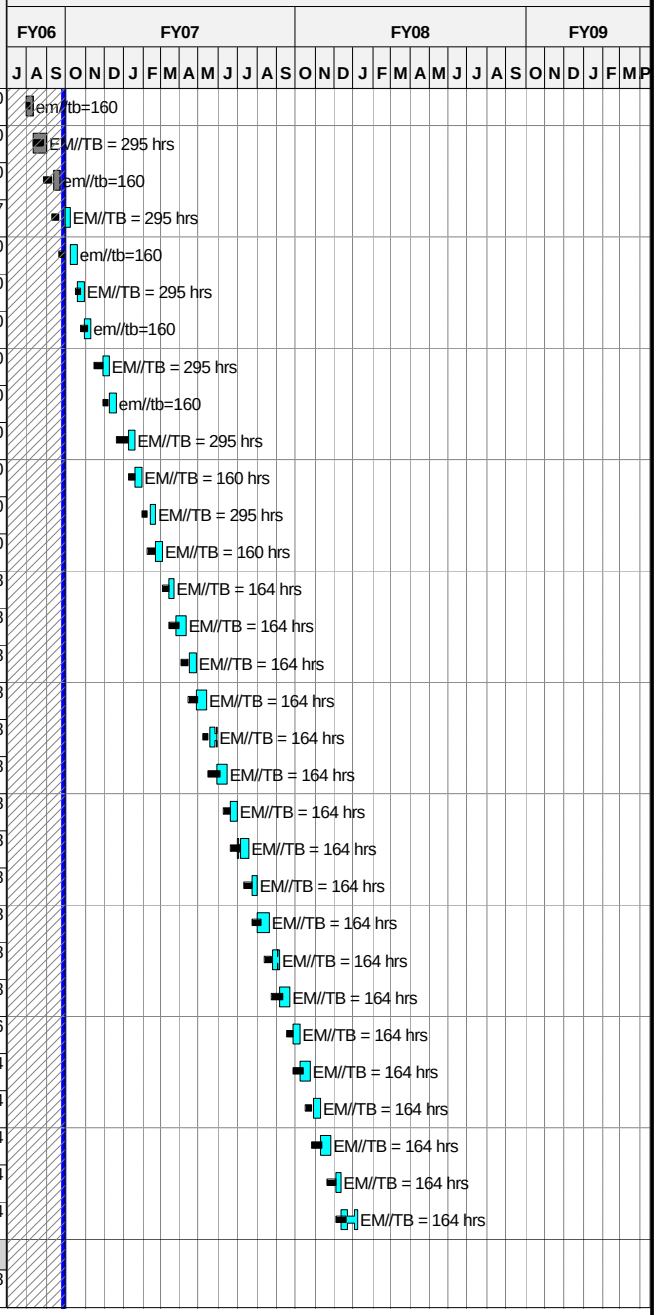
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-xx
P2-111VCU	Cleanup and Ready Autoclave	01AUG06A	4*	09AUG06A	1		100	13,030.40	13,030.40
P3-111V	VPI (Station 5) C4	10AUG06A	12*	31AUG06A	2		100	24,024.80	24,024.80
P3-111VCU	Cleanup and Ready Autoclave	11SEP06A	8	22SEP06A	1		100	13,030.40	13,030.40
P1-141V	VPI (Station 5) C5	27SEP06A	7	09OCT06	2	133	25	6,093.72	24,374.87
P1-141VCU	Cleanup and Ready Autoclave	10OCT06	8	19OCT06	1	133		0.00	13,315.20
P2-021V	VPI (Station 5) A1	20OCT06	7	30OCT06	2	133		0.00	24,549.90
P2-021VCU	Cleanup and Ready Autoclave	31OCT06	8	09NOV06	1	133		0.00	13,315.20
P3-021V	VPI (Station 5) A2	30NOV06	7	08DEC06	2	121		0.00	24,549.90
P3-021VCU	Cleanup and Ready Autoclave	11DEC06	8	20DEC06	1	125		0.00	13,315.20
P3-051V	VPI (Station 5) A3	10JAN07	7	18JAN07	2	117		0.00	24,549.90
P3-051VCU	Cleanup and Ready Autoclave	19JAN07	8	30JAN07	1	129		0.00	13,315.20
P1-051V	VPI (Station 5) B1	12FEB07	7	20FEB07	2	121		0.00	24,549.90
P1-051VCU	Cleanup and Ready Autoclave	21FEB07	8	02MAR07	1	137		0.00	13,315.20
P3-141V	VPI (Station 5) A4	15MAR07	7	23MAR07	2	129		0.00	13,648.08
P3-141VCU	Cleanup and Ready Autoclave	26MAR07	12	10APR07	1	129		0.00	13,648.08
P2-141V	VPI (Station 5) B2	17APR07	7	25APR07	2	125		0.00	13,648.08
P2-141VCU	Cleanup and Ready Autoclave	26APR07	12	11MAY07	1	125		0.00	13,648.08
P2-081V	VPI (Station 5) B3	18MAY07	7	29MAY07	2	121		0.00	13,648.08
P2-081VCU	Cleanup and Ready Autoclave	30MAY07	12	14JUN07	1	121		0.00	13,648.08
P3-081V	VPI (Station 5) B4	21JUN07	7	29JUN07	2	117		0.00	13,648.08
P3-081VCU	Cleanup and Ready Autoclave	02JUL07	12	18JUL07	1	117		0.00	13,648.08
P2-171V	VPI (Station 5) B5	25JUL07	7	02AUG07	2	113		0.00	13,648.08
P2-171VCU	Cleanup and Ready Autoclave	03AUG07	12	20AUG07	1	113		0.00	13,648.08
P3-171V	VPI (Station 5) B6	27AUG07	7	05SEP07	2	109		0.00	13,648.08
P3-171VCU	Cleanup and Ready Autoclave	06SEP07	12	21SEP07	1	109		0.00	13,648.08
P1-081V	VPI (Station 5) A5	28SEP07	7	08OCT07	2	105		0.00	13,962.96
P1-081VCU	Cleanup and Ready Autoclave	09OCT07	12	24OCT07	1	105		0.00	14,015.44
P1-171V	VPI (Station 5) A6	31OCT07	7	08NOV07	2	101		0.00	14,015.44
P1-171VCU	Cleanup and Ready Autoclave	09NOV07	12	26NOV07	1	101		0.00	14,015.44
P2-051V	VPI (Station 5) C6	05DEC07	7	13DEC07	2	97		0.00	14,015.44
P2-051VCU	Cleanup and Ready Autoclave	14DEC07	12	09JAN08	1	436		0.00	14,015.44
Station 1B Final Clamp Installation									
P1-021C	Final Clamps & Warm Test (Station1) C1	14MAR06A	5*	28MAR06A	1		100	12,378.88	12,378.88



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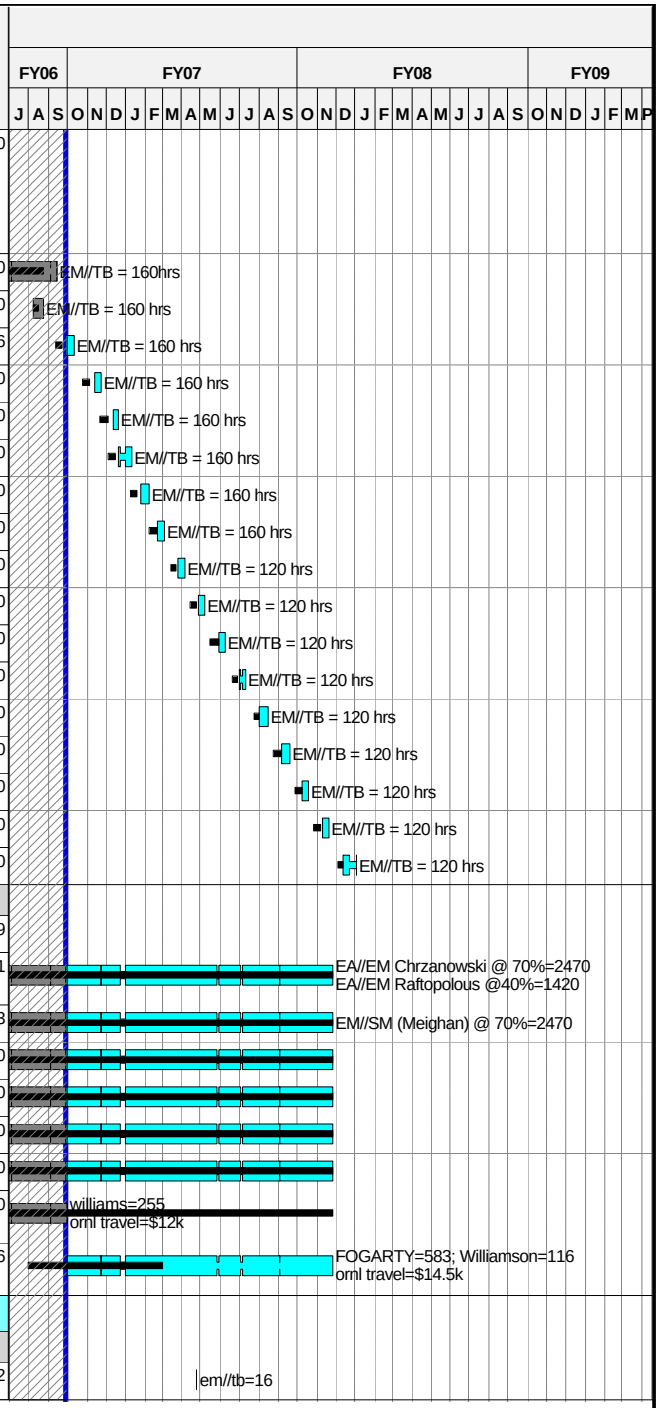
P1-021.1	Complete First Mod Coil Fabrication C1		0	28MAR06A	1			0.00	0.00
P1-111C	Final Clamps & Warm Test (Station1) C2	01JUN06A	84*	15SEP06A	1		100	13,030.40	13,030.40
P2-111C	Final Clamps & Warm Test (Station1) C3	09AUG06A	6*	24AUG06A	1		100	13,030.40	13,030.40
P3-111C	Final Clamps & Warm Test (Station1) C4	27SEP06A	8	10OCT06	1	97	30	3,968.93	13,229.76
P1-141C	Final Clamps & Warm Test (Station1) C5	13NOV06	8	22NOV06	1	112		0.00	13,315.20
P2-021C	Final Clamps & Warm Test (Station1) A1	12DEC06	8	21DEC06	1	112		0.00	13,315.20
P3-021C	Final Clamps & Warm Test (Station1) A2	22DEC06	8	10JAN07	1	112		0.00	13,315.20
P3-051C	Final Clamps & Warm Test (Station1) A3	26JAN07	8	06FEB07	1	112		0.00	13,315.20
P1-051C	Final Clamps & Warm Test (Station1) B1	21FEB07	8	02MAR07	1	121		0.00	13,315.20
P3-141C	Final Clamps & Warm Test (Station1) A4	26MAR07	8	04APR07	1	236		0.00	9,986.40
P2-141C	Final Clamps & Warm Test (Station1) B2	26APR07	8	07MAY07	1	158		0.00	9,986.40
P2-081C	Final Clamps & Warm Test (Station1) B3	30MAY07	8	08JUN07	1	170		0.00	9,986.40
P3-081C	Final Clamps & Warm Test (Station1) B4	02JUL07	8	12JUL07	1	167		0.00	9,986.40
P3-171C	Final Clamps & Warm Test (Station1) B5	03AUG07	8	14AUG07	1	169		0.00	9,986.40
P2-171C	Final Clamps & Warm Test (Station1) B6	06SEP07	9	18SEP07	1	165		0.00	9,986.40
P1-081C	Final Clamps & Warm Test (Station1) A5	09OCT07	8	18OCT07	1	128		0.00	10,255.20
P1-171C	Final Clamps & Warm Test (Station1) A6	09NOV07	8	20NOV07	1	120		0.00	10,255.20
P2-051C	Final Clamps & Warm Test (Station1) C6	14DEC07	8	03JAN08	1	97		0.00	10,255.20
LOE Oversight & Supervision									
171-000	Winding Preparations (LOE) FY05	01AUG05A	49*	30SEP05A				53,382.29	53,382.29
171-040	Winding Oversight (LOE)	10OCT05A	534*	26NOV07		459	LOE	312,381.03	686,551.71
171-041	Tech Supervision	10OCT05A	534*	26NOV07		459	LOE	146,090.23	321,077.43
SSD-ST2	Second shift cost differential	25OCT05A	523*	26NOV07		459	LOE	23,583.76	77,500.00
SSD-ST3	Second shift cost differential	27JAN06A	463*	26NOV07		459	LOE	21,512.59	77,500.00
SSD-ST4	Planned overtime (due to 10hr 1st shift)	03APR06A	417*	26NOV07		459	LOE	36,529.92	120,960.00
SSD-ST4.1	Unplanned overtime and rework	03APR06A	417*	26NOV07		459	LOE	36,529.92	120,960.00
TITLE3W	Titel III Design ORNL- Component Fab & WINDING	10OCT05A	244*	29SEP06A			LOE	82,214.50	82,214.50
TITLE3F	Titel III Design ORNL- Component Fab & WINDING	02OCT06*	290*	26NOV07		459	LOE	0.00	135,872.36
Job: 1459 - Mod Coil Fabr.Punch List-CHRZANOWSKI									
Co-wound loop termination box installation									
1459-003	Install Co-wound loop term boxes- C1	23APR07	1	23APR07		100		0.00	1,331.52



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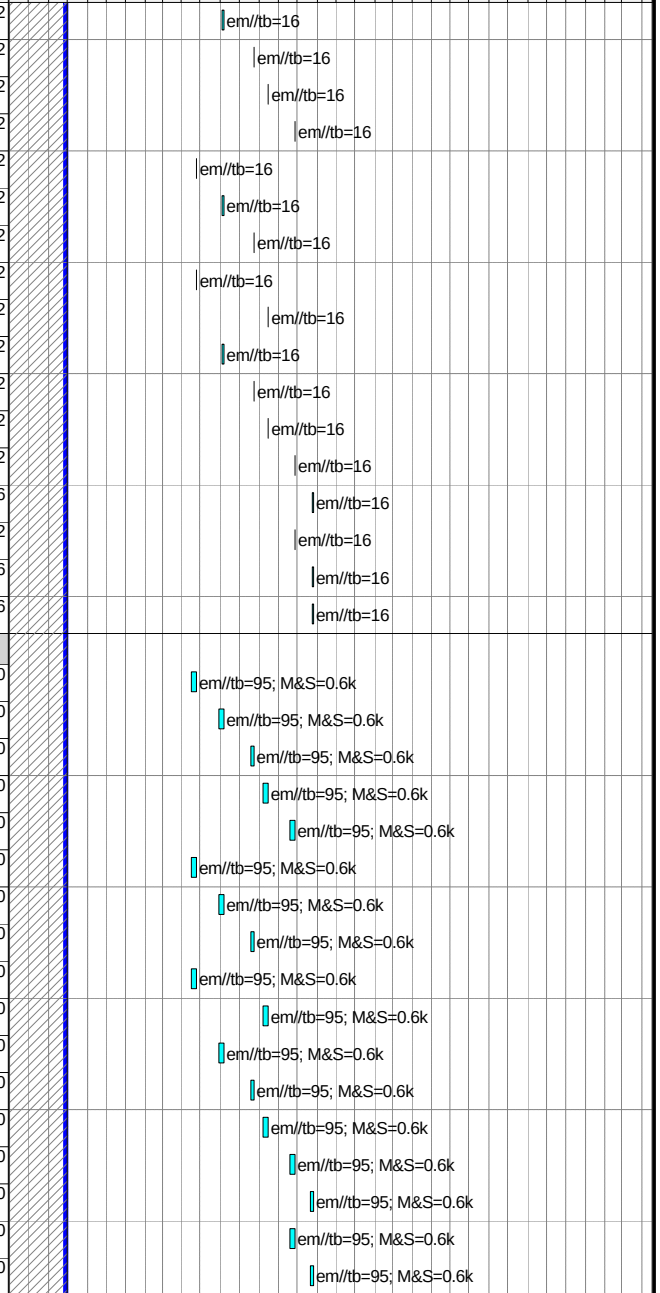
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-xx
1459-005	Install Co-wound loop term boxes- C2	05JUN07	1	05JUN07		100		0.00	1,331.52
1459-007	Install Co-wound loop term boxes- C3	25JUL07	1	25JUL07		103		0.00	1,331.52
1459-009	Install Co-wound loop term boxes- C4	15AUG07	1	15AUG07		103		0.00	1,331.52
1459-011	Install Co-wound loop term boxes- C5	27SEP07	1	27SEP07		103		0.00	1,331.52
1459-013	Install Co-wound loop term boxes- A1	23APR07	1	23APR07		100		0.00	1,331.52
1459-015	Install Co-wound loop term boxes- A2	05JUN07	1	05JUN07		100		0.00	1,331.52
1459-017	Install Co-wound loop term boxes- A3	25JUL07	1	25JUL07		103		0.00	1,331.52
1459-019	Install Co-wound loop term boxes- B1	23APR07	1	23APR07		100		0.00	1,331.52
1459-021	Install Co-wound loop term boxes- A4	15AUG07	1	15AUG07		103		0.00	1,331.52
1459-023	Install Co-wound loop term boxes- B2	05JUN07	1	05JUN07		100		0.00	1,331.52
1459-025	Install Co-wound loop term boxes- B3	25JUL07	1	25JUL07		103		0.00	1,331.52
1459-027	Install Co-wound loop term boxes- B4	15AUG07	1	15AUG07		103		0.00	1,331.52
1459-029	Install Co-wound loop term boxes- B5	27SEP07	1	27SEP07		103		0.00	1,331.52
1459-031	Install Co-wound loop term boxes- B6	26OCT07	1	26OCT07		97		0.00	1,367.36
1459-033	Install Co-wound loop term boxes- A5	27SEP07	1	27SEP07		103		0.00	1,331.52
1459-035	Install Co-wound loop term boxes- A6	26OCT07	1	26OCT07		97		0.00	1,367.36
1459-037	Install Co-wound loop term boxes- C6	26OCT07	1	26OCT07		97		0.00	1,367.36
Strain gages,cooling tube terminations,TC									
1459-002	Strain gages,Thrmcpl,cooling tube term - C1	17APR07	5	23APR07		100		0.00	8,728.50
1459-004	Strain gages,Thrmcpl,cooling tube term - C2	30MAY07	5	05JUN07		100		0.00	8,728.50
1459-006	Strain gages,Thrmcpl,cooling tube term - C3	19JUL07	5	25JUL07		103		0.00	8,728.50
1459-008	Strain gages,Thrmcpl,cooling tube term - C4	09AUG07	5	15AUG07		103		0.00	8,728.50
1459-010	Strain gages,Thrmcpl,cooling tube term - C5	21SEP07	5	27SEP07		103		0.00	8,728.50
1459-012	Strain gages,Thrmcpl,cooling tube term - A1	17APR07	5	23APR07		100		0.00	8,728.50
1459-014	Strain gages,Thrmcpl,cooling tube term - A2	30MAY07	5	05JUN07		100		0.00	8,728.50
1459-016	Strain gages,Thrmcpl,cooling tube term - A3	19JUL07	5	25JUL07		103		0.00	8,728.50
1459-018	Strain gages,Thrmcpl,cooling tube term - B1	17APR07	5	23APR07		100		0.00	8,728.50
1459-020	Strain gages,Thrmcpl,cooling tube term - A4	09AUG07	5	15AUG07		103		0.00	8,728.50
1459-022	Strain gages,Thrmcpl,cooling tube term - B2	30MAY07	5	05JUN07		100		0.00	8,728.50
1459-024	Strain gages,Thrmcpl,cooling tube term - B3	19JUL07	5	25JUL07		103		0.00	8,728.50
1459-026	Strain gages,Thrmcpl,cooling tube term - B4	09AUG07	5	15AUG07		103		0.00	8,728.50
1459-028	Strain gages,Thrmcpl,cooling tube term - B5	21SEP07	5	27SEP07		103		0.00	8,728.50
1459-030	Strain gages,Thrmcpl,cooling tube term - B6	22OCT07	5	26OCT07		97		0.00	8,961.70
1459-032	Strain gages,Thrmcpl,cooling tube term - A5	21SEP07	5	27SEP07		103		0.00	8,728.50
1459-034	Strain gages,Thrmcpl,cooling tube term - A6	22OCT07	5	26OCT07		97		0.00	8,961.70



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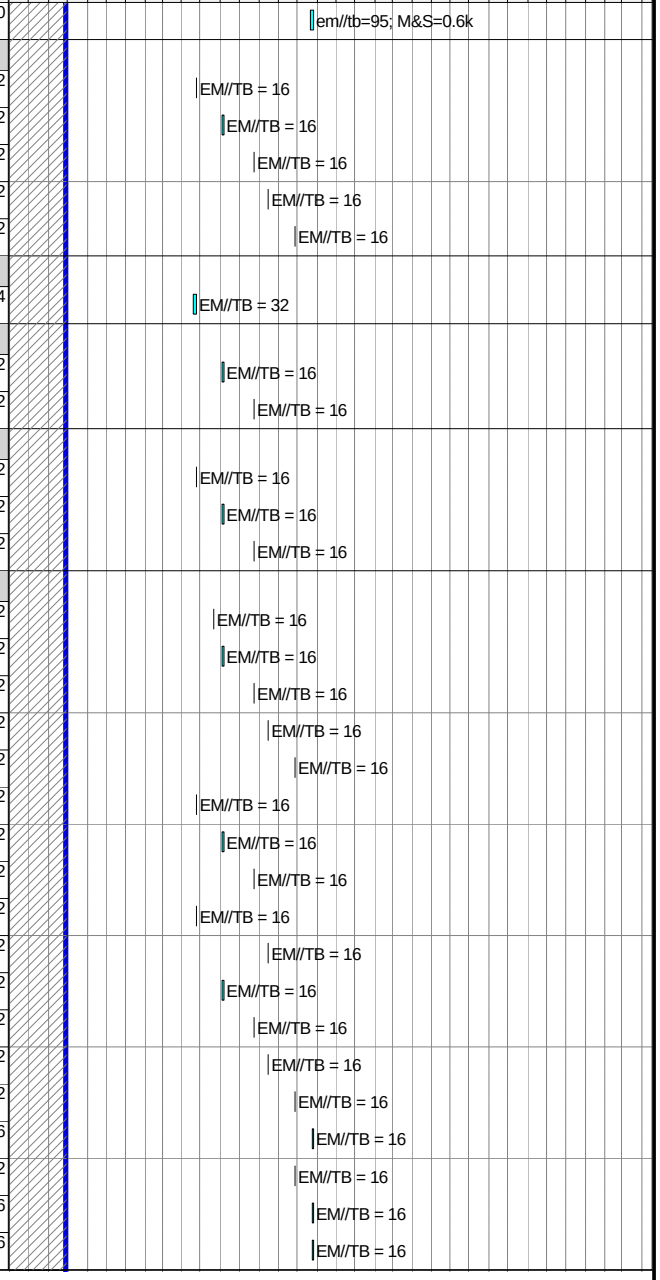
1459-036	Strain gages,Thrmcpl,cooling tube term - C6	22OCT07	5	26OCT07		97		0.00	8,961.70
Poloidal Break Hardware									
1459-100	Replace Poloidal break h/w on C1	23APR07	1	23APR07		100		0.00	1,331.52
1459-102	Replace Poloidal break h/w on C2	05JUN07	1	05JUN07		100		0.00	1,331.52
1459-104	Replace Poloidal break h/w on C3	25JUL07	1	25JUL07		103		0.00	1,331.52
1459-106	Replace Poloidal break h/w on C4	15AUG07	1	15AUG07		103		0.00	1,331.52
1459-108	Replace Poloidal break h/w on C5	27SEP07	1	27SEP07		103		0.00	1,331.52
Casting plugs									
1459-150	Repair/install casting plugs C1 (by tech shop)	20APR07	2	23APR07		100		0.00	2,663.04
Rogowski Coil Installation									
1459-700	Install Rogowski coil C2	05JUN07	1	05JUN07		100		0.00	1,331.52
1459-702	Install Rogowski coil C3	25JUL07	1	25JUL07		103		0.00	1,331.52
Excess material removal/Grinding work									
1459-200	Grinding C1 (by tech shop)	23APR07	1	23APR07		100		0.00	1,331.52
1459-202	Grinding C2 (by tech shop)	05JUN07	1	05JUN07		100		0.00	1,331.52
1459-204	Grinding C3 (by tech shop)	25JUL07	1	25JUL07		103		0.00	1,331.52
Bat Insulation installation									
1459-400	Install bat insulation C1	21MAY07	1	21MAY07		100		0.00	1,331.52
1459-402	Install bat insulation C2	05JUN07	1	05JUN07		100		0.00	1,331.52
1459-404	Install bat insulation C3	25JUL07	1	25JUL07		103		0.00	1,331.52
1459-406	Install bat insulation C4	15AUG07	1	15AUG07		103		0.00	1,331.52
1459-408	Install bat insulation C5	27SEP07	1	27SEP07		103		0.00	1,331.52
1459-410	Install bat insulation A1	23APR07	1	23APR07		100		0.00	1,331.52
1459-412	Install bat insulation A2	05JUN07	1	05JUN07		100		0.00	1,331.52
1459-414	Install bat insulation A3	25JUL07	1	25JUL07		103		0.00	1,331.52
1459-416	Install bat insulation B1	23APR07	1	23APR07		100		0.00	1,331.52
1459-418	Install bat insulation A4	15AUG07	1	15AUG07		103		0.00	1,331.52
1459-420	Install bat insulation B2	05JUN07	1	05JUN07		100		0.00	1,331.52
1459-422	Install bat insulation B3	25JUL07	1	25JUL07		103		0.00	1,331.52
1459-424	Install bat insulation B4	15AUG07	1	15AUG07		103		0.00	1,331.52
1459-426	Install bat insulation B5	27SEP07	1	27SEP07		103		0.00	1,331.52
1459-428	Install bat insulation B6	26OCT07	1	26OCT07		97		0.00	1,367.36
1459-430	Install bat insulation A5	27SEP07	1	27SEP07		103		0.00	1,331.52
1459-432	Install bat insulation A6	26OCT07	1	26OCT07		97		0.00	1,367.36
1459-434	Install bat insulation C6	26OCT07	1	26OCT07		97		0.00	1,367.36



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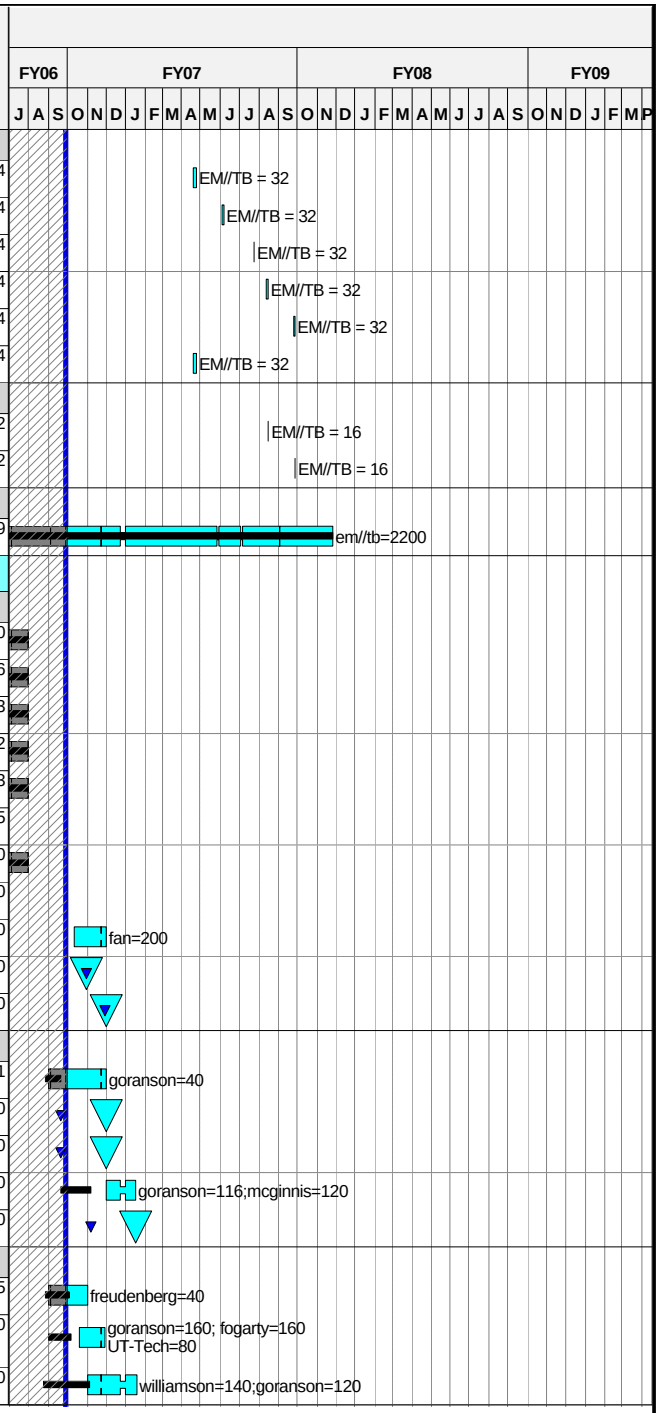
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-xx
Clamp Modifications									
1459-600	Clamp mods C1	20APR07	2	23APR07		100		0.00	2,663.04
1459-602	Clamp mods C2	04JUN07	2	05JUN07		100		0.00	2,663.04
1459-604	Clamp mods C3	24JUL07	2	25JUL07		103		0.00	2,663.04
1459-606	Clamp mods C4	14AUG07	2	15AUG07		103		0.00	2,663.04
1459-608	Clamp mods C5	26SEP07	2	27SEP07		103		0.00	2,663.04
1459-610	Clamp mods A1	20APR07	2	23APR07		100		0.00	2,663.04
Bearing Plate Installation									
1459-650	Bearing Plate Installation C4	15AUG07	1	15AUG07		103		0.00	1,331.52
1459-652	Bearing Plate Installation C5	27SEP07	1	27SEP07		103		0.00	1,331.52
SSD-ST5	Misc tech shop support	01MAY06A	397*	26NOV07		459	LOE	48,737.51	182,537.49
Job: 1421-Mod Coil Interface Design-WILLIAMSON									
Coil-to-coil Interface Design									
1403-11.1	Describe interfaces as part of coil FDR's	01NOV04A	471*	31JUL06A				35,507.90	35,507.90
1403-16	Assembly bolts, nuts,washers	01OCT04A	496*	31JUL06A				16,858.96	16,858.96
1403-17	Assembly shims	01OCT04A	332*	31JUL06A				20,557.93	20,557.93
1403-18	Eccentric ball assembly	08NOV04A	471*	31JUL06A				22,616.72	22,616.72
1403-19	Top assembly dwgs for mod coil shell	01OCT04A	332*	31JUL06A				24,684.03	24,684.03
1403-19A	Bladder Details	01JUL05A	146*	30NOV05A				9,411.15	9,411.15
1421-10	add'l analysis of coil to coil joints/friction	01MAY06A	123*	31JUL06A				2,699.20	2,699.20
FY06CV-111	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	-89,310.00	-89,310.00
IH1-001	Coil to coil analysis	13OCT06*	34	01DEC06		706		0.00	35,460.00
1403-PDR	PDR		0	30OCT06*		728		0.00	0.00
1403-FDR	FDR		0	01DEC06*		706		0.00	0.00
3 Point positioning hardware									
IH1-005	review requirements, as-built casting features	01SEP06A	62*	30NOV06		149	20	1,366.94	6,834.71
IH1-010	obtain results from mockup test		0	30NOV06		707		0.00	0.00
IH1-015	Review for approval to proceed		0	30NOV06		707		0.00	0.00
IH1-020	Prepare dwgs and release	01DEC06	27	16JAN07		149		0.00	23,378.40
IH1-025	Issue dwgs for Fabrication		0	16JAN07		149		0.00	0.00
Bladders									
IH2-005	review and finalize structural requirements	01SEP06A	42*	31OCT06		727	20	1,363.01	6,815.05
IH2-010	select and test concept(s)	20OCT06	25	27NOV06		126		0.00	68,139.20
IH2-015	Finalize / select design (config and materials	01NOV06*	50	19JAN07		113		0.00	44,694.00



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Forecast
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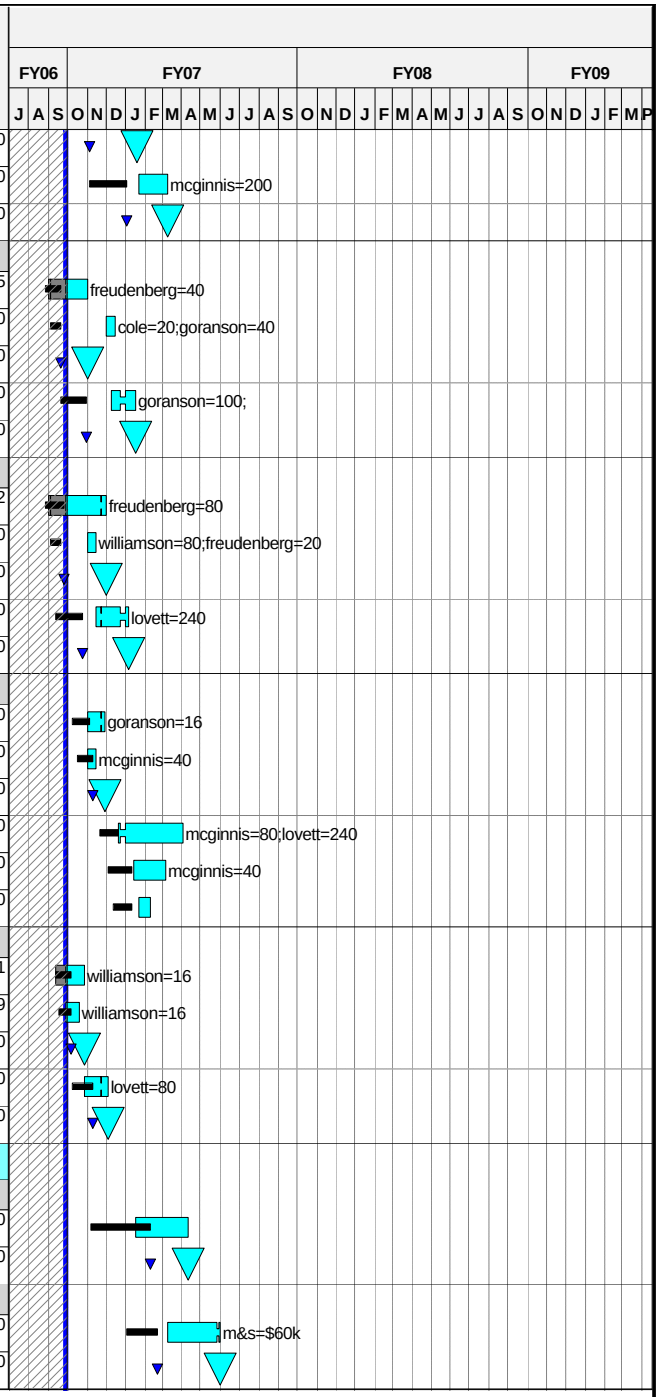
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-xx
IH2-020	Review for approval to proceed		0	19JAN07		113		0.00	0.00
IH2-025	Prepare dwgs and release	22JAN07	33	07MAR07		113		0.00	34,380.00
IH2-030	Issue dwgs for Fabrication		0	07MAR07		113		0.00	0.00
Bolt Reaming									
IH3-005	review and finalize structural requirements	01SEP06A	42*	31OCT06		175	20	1,363.01	6,815.05
IH3-010	Finalize concept	01DEC06*	10	14DEC06		697		0.00	47,511.20
IH3-015	Review for approval to proceed		0	31OCT06		175		0.00	0.00
IH3-020	Prepare tooling specs, drawings	11DEC06*	21	16JAN07		149		0.00	17,190.00
IH3-025	Issue dwgs for Procuremenet/ Fabrication		0	16JAN07		149		0.00	0.00
Shear plate and shims									
IH4-005	Complete testing	01SEP06A	62*	30NOV06		156	50	6,834.71	13,669.42
IH4-010	Finalize design, select material	02NOV06*	10	15NOV06		165		0.00	17,190.00
IH4-015	Review for approval to prceed		0	30NOV06		156		0.00	0.00
IH4-020	Prepare dwgs and release	15NOV06	30	05JAN07		156		0.00	41,256.00
IH4-025	Issue dwgs for Fabrication		0	05JAN07		156		0.00	0.00
Top Assy drawings									
IH5-005	Identify all stud, bushing, sperical washer, i	01NOV06*	17	27NOV06		172		0.00	2,750.40
IH5-010	Prepare advanced procurement dwgs calling out	01NOV06*	11	15NOV06		178		0.00	6,876.00
IH5-015	Issue specs/dwgs for procurement (studs, bushi		0	27NOV06		172		0.00	0.00
IH5-020	Finish 3-coil, 6 coil, and 18 coil top assembl	22DEC06*	67	03APR07		154		0.00	55,008.00
IH5-025	Develop as-built model and drawing format	15JAN07*	36	05MAR07		175		0.00	6,876.00
IH5-030	Complete assembly spec	22JAN07	15	09FEB07		191		0.00	0.00
Other insulation over wings									
IH6-005	Finalize requirements	11SEP06A	34*	26OCT06		184	20	545.56	2,727.81
IH6-010	finalize design	29SEP06*	15	19OCT06		189		0.00	2,746.99
IH6-015	Review for approval to proceed		0	26OCT06		184		0.00	0.00
IH6-020	Prepare dwgs and release	27OCT06	25	04DEC06		184		0.00	13,752.00
IH6-025	Issue dwgs for Fabrication		0	04DEC06		184		0.00	0.00
Job: 1431 - Mod. Coil Interface Hardware-DUDEK									
3 Point positioning hardware									
IH1-030	Bid, Award, Procure or Fabricate	17JAN07*	60	10APR07		149		0.00	0.00
IH1-035	Receive and inspect 3 point positioning hardwa		0	10APR07		149		0.00	0.00
Bladders									
1421-410	Bid, Award, Procure or Fab Bladders	08MAR07	60	31MAY07		113		0.00	60,000.00
IH2-040	Receive and inspect Bladders		0	31MAY07		113		0.00	0.00



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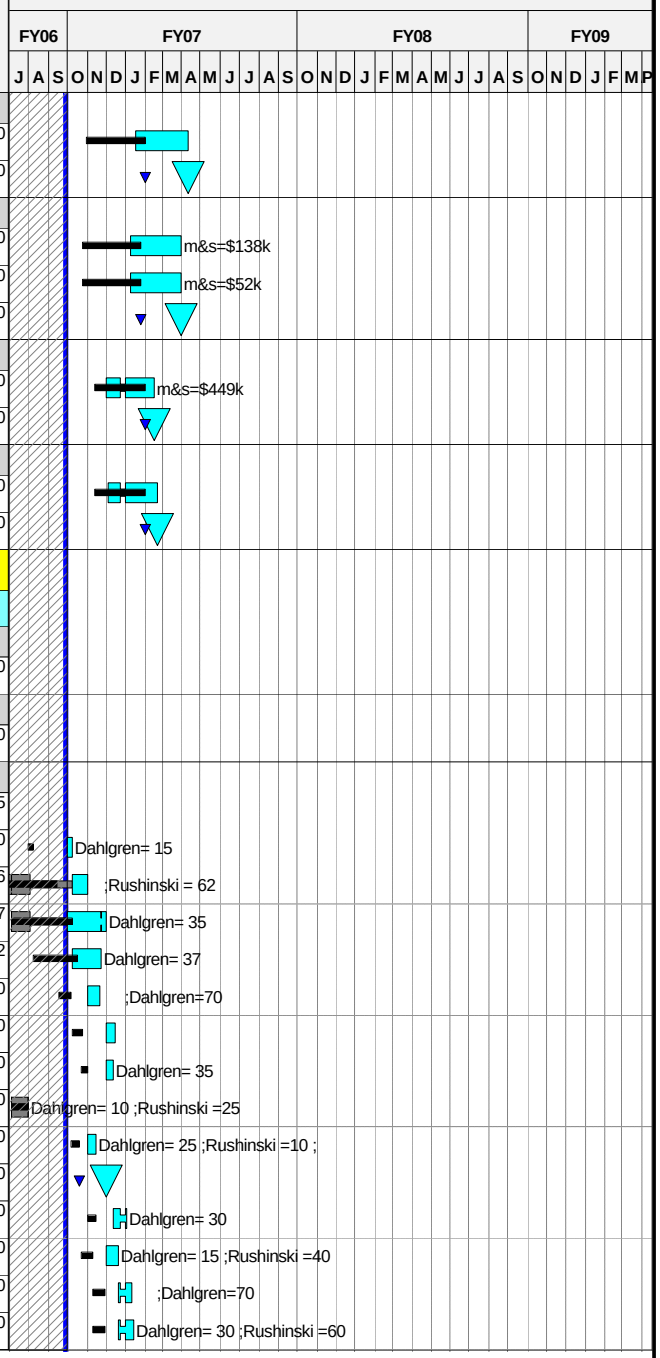
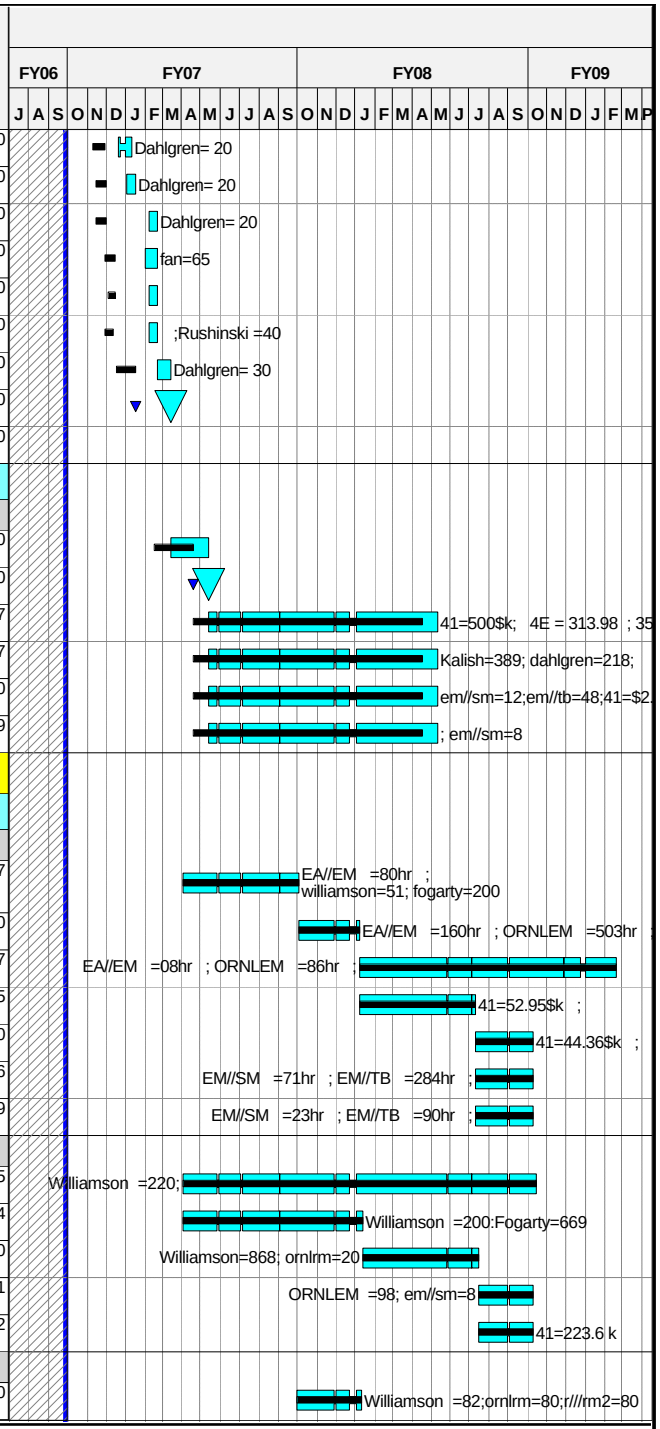
Bolt Reaming									
IH3-030	Bid, Award, Procure or Fab Bolt Reaming	17JAN07*	60	10APR07		149		0.00	0.00
IH3-035	Receive and inspect Bolt Reaming		0	10APR07		149		0.00	0.00
Shear plate and shims									
1421-210	Bid, Award, Procure Shear plate and shims	08JAN07*	60	30MAR07		156		0.00	138,000.00
1421-411	Deliverhardware for inboard joint friciton	08JAN07*	60	30MAR07		156		0.00	52,000.00
IH4-035	Receive and inspect Shear plate and shims		0	30MAR07		156		0.00	0.00
Top Assy drawings									
1421-110	Bid, Award, Procure stud, bushing, sperical wa	01DEC06*	50	16FEB07		186		0.00	449,000.00
IH5-040	Receive and inspect stud, bushing, sperical wa		0	16FEB07		186		0.00	0.00
Other insulation over wings									
IH6-030	Bid, Award, Procure or Fab Other insulation	05DEC06*	50	20FEB07		184		0.00	0.00
IH6-035	Receive and inspect Other insulation over wing		0	20FEB07		184		0.00	0.00
15 - Coil Structures									
Job: 1501 - Coil Structures Design- DAHLGREN									
+ PDR/PBR Task List									
		07OCT03A	31	18NOV03A			100	18,540.00	18,540.00
+ Reqmnts,Configuration, Interfaces and PDR									
		21OCT03A	242	30SEP04A				16,068.00	16,068.00
1501-001	Prelim Design Structures	01JUL05A	110*	30SEP05A			100	45,443.75	45,443.75
1501-201	Write ICD's	02OCT06*	6	09OCT06		110		0.00	2,667.90
1501-205	Update Design/models	01MAY06A	87*	31OCT06		115		8,844.02	10,838.26
1501-209	Prepare SRD	03JUL06A	63*	30NOV06		106	25	1,545.19	6,180.77
1501-213	Approve ICD's	10OCT06*	32	22NOV06		110		0.00	6,580.82
1501-217	Update stress analysis	01NOV06*	15	21NOV06		111		0.00	12,450.20
1501-221	approve SRD	01DEC06	10	14DEC06		697		0.00	0.00
1501-225	Write prelim purchase spec	01DEC06*	8	12DEC06		106		0.00	6,225.10
1501-229	Create Prelim Assemblies	03JUL06A	5	31JUL06A			100	6,092.10	6,092.10
1501-233	PDR Preparation	01NOV06*	11	15NOV06		115		0.00	6,225.10
1501-PDR	PDR		0	30NOV06		106		0.00	0.00
1501-241	Write final purchase spec	13DEC06*	10	03JAN07		106		0.00	5,335.80
1501-246	Update Models	01DEC06*	14	20DEC06		106		0.00	9,782.30
1501-249	Update Analysis	21DEC06	10	11JAN07		106		0.00	12,450.20
1501-253	Prep Final Drawings	21DEC06	11	12JAN07		109		0.00	16,007.40



Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-xx
1501-257	Detailed Hardware Analysis	21DEC06	10	11JAN07		106		0.00	3,557.20
1501-261	Write Statement of work	04JAN07	10	17JAN07		106		0.00	3,557.20
1501-265	Approve Purchase Spec	07FEB07*	10	20FEB07		92		0.00	3,557.20
1501-269	Check Analysis	01FEB07*	14	20FEB07		92		0.00	11,560.90
1501-273	Approve SOW	07FEB07	10	20FEB07		92		0.00	0.00
1501-277	Prep Assy Dwgs	07FEB07	10	20FEB07		92		0.00	7,114.40
1501-281	Prep for FDR	21FEB07	15	13MAR07		92		0.00	5,335.80
1501-FDR	FDR		0	13MAR07		92		0.00	0.00
FY06CV-113	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	2,350.00	2,350.00
Job:1550 - Coil Structures Procurement -DAHLGREN									
1501-245	Prep Spec,Solicit Bids, and Evaluate Bids	14MAR07*	43	11MAY07		92		0.00	0.00
162-036.9	Award Coil Support Structure		0	11MAY07		92		0.00	0.00
162-037	Fabricate Coil Structure	14MAY07	249	12MAY08		92		0.00	1,013,426.37
162-031	Title III engr WBS 151	14MAY07	249	12MAY08		92		0.00	109,394.67
153.037	WBS 153 Support Structure I&C Procurement/Fab	14MAY07*	249	12MAY08		92		0.00	9,165.20
153.015	Title III design WBS 153 locall&C	14MAY07*	249	12MAY08		92		0.00	1,065.19
16 - Coil Services									
Job: 1601 - Coil Services Design-WILLIAMSON									
161 - LN2 Distribution									
191-001	Title I design WBS 161 LN2 manifolds&piping	02APR07*	129*	02OCT07		105		0.00	57,409.27
191-011	Title II design WBS 161 LN2 manifolds&piping	03OCT07	60	07JAN08		105		0.00	119,261.00
191-031	Title III engr WBS 161	08JAN08	280	18FEB09		158		0.00	17,085.57
191-037	Procurement WBS 161	08JAN08	130	09JUL08		105		0.00	74,394.75
191-038	PDR#17	10JUL08*	65	09OCT08		105		0.00	62,493.00
191-041	LN2 Manifolds & ppg Fab/assy/instl WBS 161	10JUL08*	65	09OCT08		105		0.00	34,068.76
191-042	PDR #17,25,3	10JUL08*	65	09OCT08		105		0.00	10,864.19
162 - Electrical Leads									
132-000	PDR #17 & 25	02APR07*	389*	16OCT08		238		0.00	38,917.55
132-001	Title I design WBS 162 Coil leads	02APR07*	194*	14JAN08		95		0.00	151,511.94
132-011	Title II design WBS 162 Coil leads	15JAN08	130	16JUL08		95		0.00	159,391.00
132-015	Title III design WBS 162 Coil leads	17JUL08*	60	09OCT08		243		0.00	18,706.71
132-037	Coil Leads Procurement WBS 162	17JUL08*	60	09OCT08		95		0.00	315,099.22
163 - Coil Protection System									
163.001	Title I design WBS 163 Coil protection	01OCT07*	65	10JAN08		187		0.00	43,938.80



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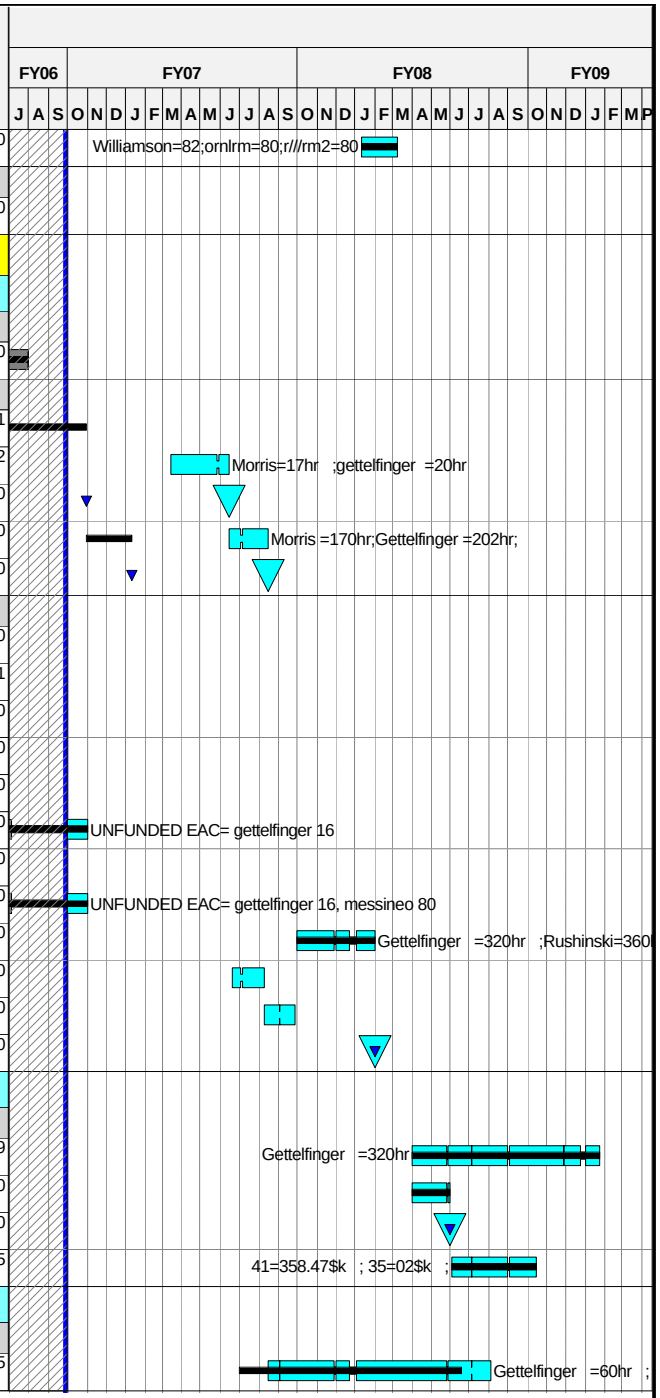
163.011	Title II design WBS 163 Coil protection	11JAN08	40	06MAR08		187		0.00	43,938.80
FY06CV-114	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	2,790.00	2,790.00
17 - Cryostat and Base Support Structure									
Job:1701-Cryost&Base Sprt Strct Dsn-GETTLEFINGER									
+ Prior Costs									
		01APR03A	842	31JUL06A				239,180.00	239,180.00
Base Support									
161-001	Revise Preliminary Design for new supt locations	03APR06A	123*	30JUN06A			100	49,300.81	49,300.81
161-002	Complete Preliminary Design	14MAR07	65	13JUN07		124		4,948.85	5,498.72
151-003	Base Support Struct PDR		0	13JUN07*		124		0.00	0.00
161-011	Final Design Base Support Structure WBS 172	14JUN07	45	16AUG07		124		0.00	55,935.80
172-199	Base Support Structure FDR		0	16AUG07		124		0.00	0.00
Cryostat									
151-000	Adv Concep Design Cryostat shell & struct	01DEC03A	103*	31MAR04A			100	6,000.00	6,000.00
151-001	Title I design WBS 171 cryostat	01APR04A	270*	29APR05A			100	125,850.61	125,850.61
151-002	Cryostat PDR		0	29APR05A			100	0.00	0.00
171-100	Investigate Alt Cryostat Architecture	01DEC05A	38*	31JAN06A			100	0.00	0.00
171-101	Finalize cryostat penetrations for VV	03JAN06A	0*	31JAN06A			100	0.00	0.00
171-102	Select gas-filled insulation-all svcs	03JAN06A	151*	31OCT06		381	95	0.00	0.00
171-103	Finalize cryo midplane arch	03JAN06A	20*	31JAN06A			100	0.00	0.00
171-104	Plan WBS 16 interface	22FEB06A	115*	31OCT06		381	5	0.00	0.00
151-011	Final Design Cryostat WBS 171	01OCT07*	80	31JAN08		154		0.00	124,019.60
171-190	Define prototypical testing plan	21JUN07	35	09AUG07		154		0.00	0.00
171-192	Test cooling system	10AUG07	35	28SEP07		154		0.00	0.00
171-199	Cryostat FDR		0	31JAN08		154		0.00	0.00
Job: 1751 - Cryostat Procurement									
171 - Cryostat									
151-031	Title III engr	01APR08	202	23JAN09		176		0.00	59,712.19
151-036.8	Prep Spec, Solicit bids, and Select Vendor	01APR08*	43	30MAY08		112		0.00	0.00
151-036.9	Award Cryostat Procurement		0	30MAY08*		112		0.00	0.00
151-037	Cryostat Procurement & PPPL fab [A/1]	02JUN08	95	14OCT08		112		0.00	317,562.35
Job: 1752 - Base Support Structure Procurement									
172 - Base Support Structure									
161-031	Title III engr WBS 172	17AUG07	240	04AUG08		290		0.00	10,888.95



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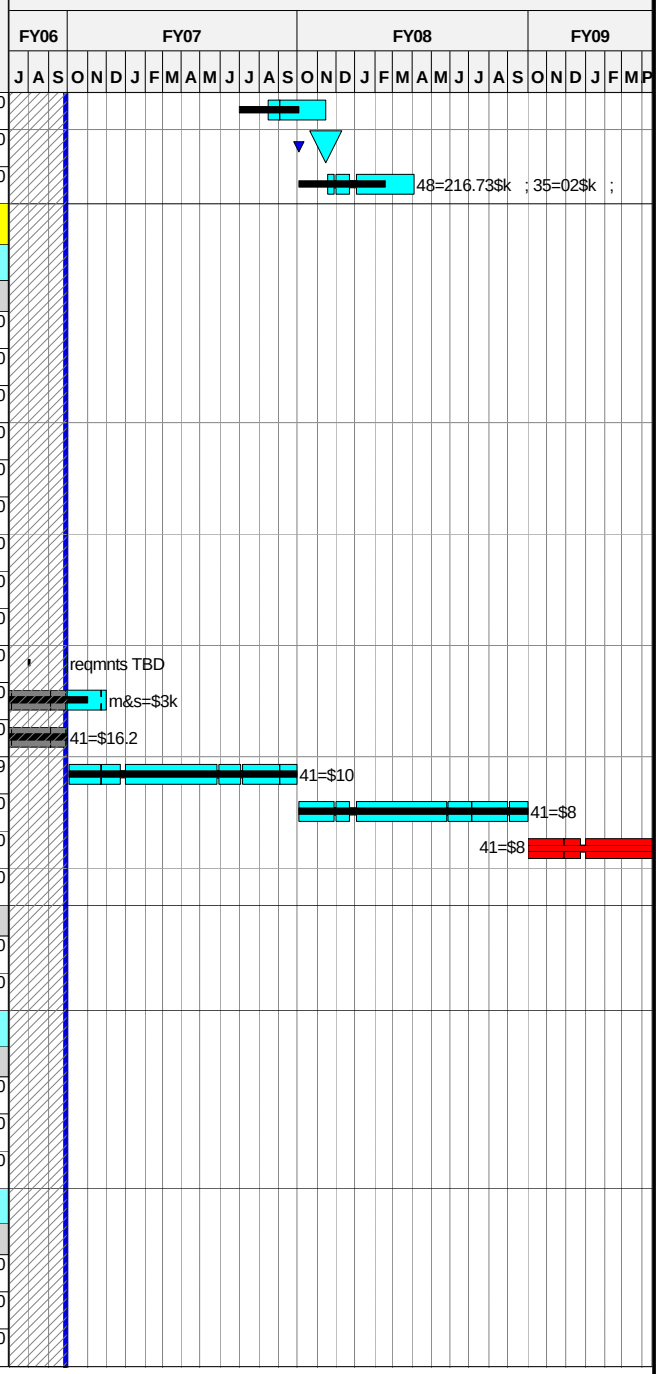
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-xx
161-036.8	Prep Spec, Solicit bids, and Select Vendor	17AUG07*	65	16NOV07		124		0.00	0.00
161-036.9	Award Mach Base&Coil struct as one Procurement		0	16NOV07		124		0.00	0.00
161-037	Machine Base&supports Procurement [A/1]	19NOV07*	90	03APR08		124		0.00	220,316.00
18 - Field Period Assembly									
Job: 1804-Metrology Hardware-RAFTOPOULOS									
Metrology									
740.010	Final Design Measurement systems	19JAN04A	181*	30SEP04A			LOE	26,000.00	26,000.00
740.011	3-D Scanner/Faro Arm FDR		0	30JAN04A				0.00	0.00
740.015	Prepare Requisition 3-D scanner & Romer Arm	30JAN04A	10	30JAN04A				0.00	0.00
740.030	Deliver 3-D Scanner & Romer Arm	01APR04A	10*	30APR04A			100	171,990.00	171,990.00
740.030A	Romer Arm Training	06JUL04A	3*	08JUL04A			100	0.00	0.00
740.031	Metrology Software Review		0	30JAN04A				0.00	0.00
740.032	Prepare Met Software Requisition	30JAN04A	10	30JAN04A				0.00	0.00
740.045	Purchase- second Faro Arm PE005330	01OCT04A	102	29OCT04A			100	70,455.00	70,455.00
1803-8	Metrology Support (moved from 1803)	01NOV04A	230*	30SEP05A			LOE	101,133.00	101,133.00
740.035	Deliver Metrology Software	29SEP06*	1	29SEP06		749		0.00	0.00
740.100	Romer CMM- spare probes	03JAN06A	233*	30NOV06		707	50	2,056.50	4,113.00
740.105	Romer CMM-Software support&warranty renewal FY06	01OCT05A	249*	29SEP06		749	LOE	22,121.36	22,210.20
740.106	Romer CMM-Software support&warranty renewal FY07	03OCT06*	249*	01OCT07		499		0.00	13,721.19
740.107	Romer CMM-Software support&warranty renewal FY07	03OCT07*	248*	30SEP08		250		0.00	11,240.00
740.108	Romer CMM-Software support&warranty renewal FY07	03OCT08*	248*	30SEP09		0		0.00	11,520.00
740.110	Romer CMM-Laptop for 2nd arm	01OCT05A	5	31OCT05A			100	5,484.00	5,484.00
FY05CV-30	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				68,000.00	68,000.00
FY06CV-145	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	81,690.00	81,690.00
Job: 1801-Field Period Assly -CHRZANOWSKI (ORNL)									
Prior Costs									
1801-001	Apr-Sept MIE Costs PPPL	01APR03A	42	30SEP03A			100	7,750.00	7,750.00
1801-002	Apr-Sept MIE Costs ORNL	01APR03A	42	30SEP03A			100	53,050.00	53,050.00
FY06CV-130	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	3,890.00	3,890.00
Job: 1803- FP Assy Toolg/Constructability-BROWN									
1.00-VV Prep Station									
1803-1.01	Concept definition and requirements	01FEB05A	10	28FEB05A			100	16,056.00	16,056.00
1803-1.02	VV Support Fixture - model design& drawing detai	01FEB05A	73	31MAY05A			100	13,604.00	13,604.00
1803-1.04	Metrology -sightline layout metrology support	13APR05A	18	31MAY05A			100	25,502.00	25,502.00



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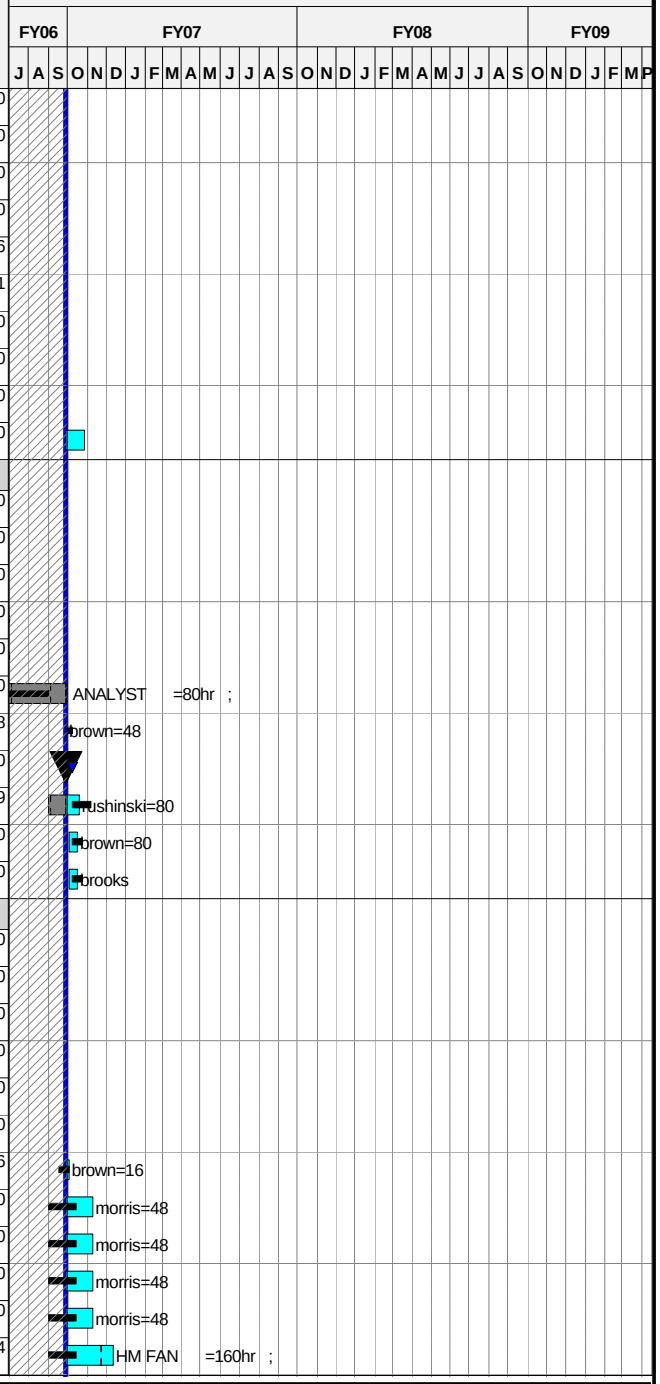
1803-1.05	Structural / Seismic Analysis check	01FEB05A	86*	31MAY05A			100	13,220.00	13,220.00
1803-1.06	Design review PDR VV Prep Station	01AUG05A	0*	10AUG05A			100	1,983.00	1,983.00
1803-1.09	Safety Review documentation / presentation	02SEP05A	10	15SEP05A			100	2,644.00	2,644.00
1803-1.061	Design review FDR VV Prep Station	16SEP05A	2	19SEP05A			100	1,983.00	1,983.00
1803-1.07	Design check and sign-off	20SEP05A	30*	31OCT05A			100	3,636.96	3,636.96
1803-1.10	Fab / Design Review - follow-up activities	20SEP05A	30*	31OCT05A			100	7,214.11	7,214.11
1803-1.08	Prep & Issue dwgs,and requisition	31OCT05A	5*	31OCT05A			100	0.00	0.00
1803-1.12	PPPL FAB - VV support Fixture (1st)	17OCT05A	77*	31JAN06A			100	23,307.00	23,307.00
1803-1.13	PPPL FAB - VV support Fixture (2nd)	16DEC05A	53*	31JAN06A			100	0.00	0.00
1803-1.20	Finalize loop layout on FP 2 & 3	29SEP06	20	26OCT06		730	100	0.00	0.00
Station 2-Modular Coil Sub- Assembly									
1803-2.01	Concept definition and requirements	03JAN05A	52*	28FEB05A			100	16,056.00	16,056.00
1803-2.02	MC Holding Fixture - model design and drawing	01FEB05A	79*	29APR05A			100	21,728.00	21,728.00
1803-2.04	Metrology - sightline layout design details metr	01AUG05A	77*	30SEP05A			100	15,209.60	15,209.60
1803-2.055	Update concept definition and reqmnts	05JUN06A	5	30JUN06A			100	0.00	0.00
1803-2.056	HP support stand	01JUN06A	15	30JUN06A			100	0.00	0.00
1803-2.05	Structural / Seismic Analysis	10APR06A	137*	27SEP06A			100	11,139.84	13,924.80
1803-2.057	Resolve use of JPP holdinbg fixture	27SEP06A	6	27SEP06A			100	8,354.88	8,354.88
1803-2.061	PDR/FDR Half Period Assy		0	27SEP06A			100	0.00	0.00
1803-2.08D	Dwgs/specs for tooling released for fab	01SEP06A	35*	20OCT06		147	90	12,649.58	14,055.09
1803-2.08A	Assy sequence plan drafted	03OCT06*	10	16OCT06		231		0.00	14,228.80
1803-2.08C	Dimensional control plan drafted	03OCT06*	10	16OCT06		231		0.00	0.00
Station 3-Modular Coil to VVSA Assembly									
1803-3.01	Concept definition and requirements	25OCT04A	5	29OCT04A			100	6,610.00	6,610.00
1803-3.02	MC Turning Fixture and base - model design and d	15NOV04A	48*	31JAN05A			100	1,983.00	1,983.00
1803-3.03	MC Gantry Crane - model design and drawing detai	29NOV04A	40*	31JAN05A			100	14,265.00	14,265.00
1803-3.04	VV support stand - model design and drawing deta	29NOV04A	104*	29APR05A			100	8,849.00	8,849.00
1803-3.05	Platform - design and drawing details	01FEB05A	7	29APR05A			100	9,179.50	9,179.50
1803-3.084	Industry Info Meeting	21FEB05A	1	21FEB05A			100	0.00	0.00
1803-3.15A	Requirements finalized	29SEP06*	2*	02OCT06		218	75	0.00	2,815.36
1803-3.15	Models&dwgs for- MC load support	29SEP06*	30	09NOV06		190	75	0.00	8,531.20
1803-3.17	Models&dwgs for- Laser screen guide mods	29SEP06*	30	09NOV06		190	75	0.00	8,531.20
1803-3.18	Models&dwgs for-VV support stand	29SEP06*	30	09NOV06		190	75	0.00	8,531.20
1803-3.19	Models&dwgs for-Mechanical screw drive	29SEP06*	30	09NOV06		190	75	0.00	8,531.20
1803-3.07	Structural analysis Analysis	29SEP06	50	11DEC06		150		0.00	28,445.44



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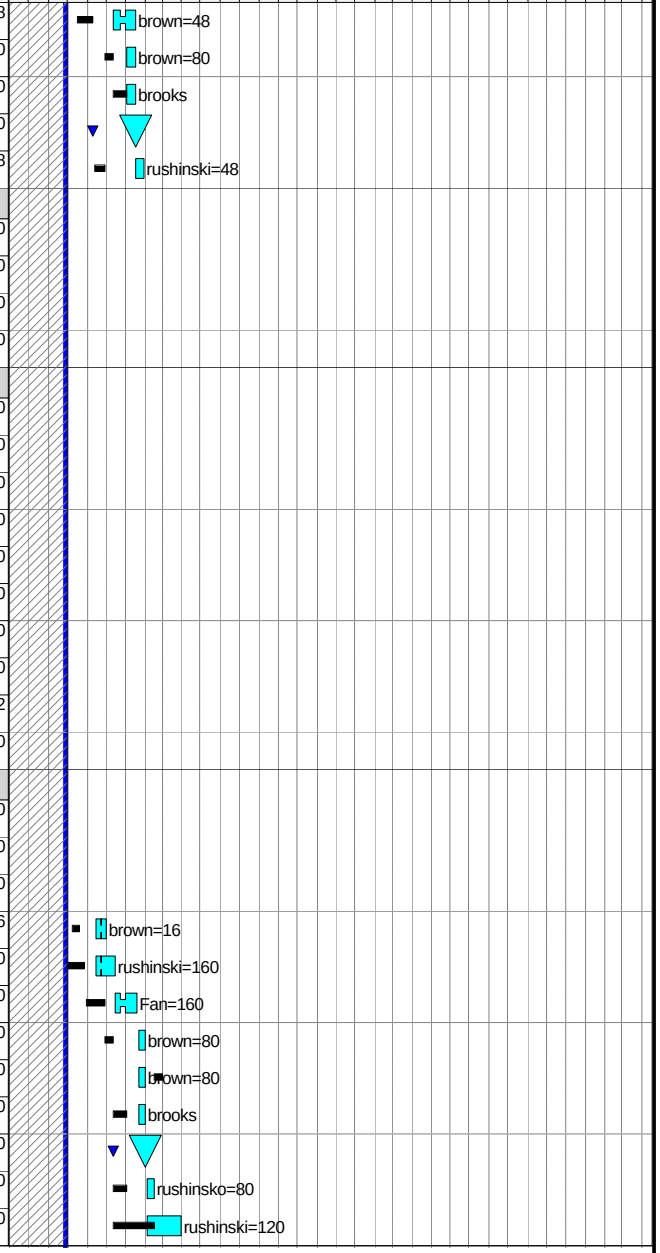
1803-3.66	Metrology layout	12DEC06*	20	16JAN07		150		0.00	8,537.28
1803-3.22	Assy sequence plan drafted	03JAN07	10	16JAN07		150		0.00	14,228.80
1803-3.23	Dimensional control plan drafted	03JAN07	10	16JAN07		150		0.00	0.00
1803-3.15E	PDR/FDR		0	16JAN07		150		0.00	0.00
1803-3.20	Dwgs/specs for tooling released for fab	17JAN07*	10	30JAN07		150		0.00	8,537.28
3.10 MC Turning Fixture-Industry Option									
1803-3.10A	Issue dwgs	02MAY05A	30	31MAY05A			100	20,243.80	20,243.80
180303.10A	Issue RFP		0	31MAY05A			100	0.00	0.00
1803-3.10C	Proposals Due		0	17JUN05A			100	0.00	0.00
1803-3.14	DECISION ON APPROACH		0	31AUG05A			100	0.00	0.00
3.20 MC Turning Fixture-Crane Option									
1803-3.30	Develop Crane Design Option	01MAY05A	6*	31MAY05A			100	0.00	0.00
1803-3.33	Design Equivalent Test Simulation Model	16MAY05A	33*	17JUN05A			100	6,416.80	6,416.80
1803-3.36	Design Test Track	20JUN05A	7	24JUN05A			100	6,416.80	6,416.80
1803-3.39	Fab Test Track	27JUN05A	24*	29JUL05A			100	56,326.60	56,326.60
1803-3.40	Site Prep	27JUN05A	5	30JUN05A			100	0.00	0.00
1803-3.43	Assembly of Test Article	29JUL05A	5	29JUL05A			100	11,923.20	11,923.20
1803-3.46	Metrology set-up	29JUL05A	5	29JUL05A			100	0.00	0.00
1803-3.49	Run Test	29JUL05A	3	29JUL05A			100	11,004.00	11,004.00
1803-3.50	Test Evaluation and Write up	31AUG05A	0*	31AUG05A			100	2,566.72	2,566.72
1803-3.52	DECISION ON APPROACH		0	31AUG05A			100	0.00	0.00
Station 4-TF Coil Sub-assembly									
1803-4.02	MC Support Stand - model design and drawing deta	01APR05A	89*	31MAY05A			100	14,265.00	14,265.00
1803-5.001	Concept definition and requirements	02MAY05A	10	31MAY05A			100	10,704.00	10,704.00
1803-4.04	FP Assembly platform - model design drawing det	01AUG05A	65*	30SEP05A			100	21,397.50	21,397.50
1803-4.01A	Requirements finalized	15NOV06*	10	30NOV06		200		0.00	2,845.76
1803-4.06	Models&dwgs completed for TF suprt&rotation fixt	15NOV06*	20	14DEC06		170		0.00	28,457.60
1803-4.07	Structural Analysis	15DEC06*	20	19JAN07		170		0.00	28,457.60
1803-4.06A	Metrology layout	22JAN07	10	02FEB07		170		0.00	14,228.80
1803-4.10B	Assy sequence plan drafted	22JAN07	10	02FEB07		170		0.00	14,228.80
1803-4.10C	Dimensional control plan drafted	22JAN07	10	02FEB07		170		0.00	0.00
1803-4.08	PDR/FDR		0	02FEB07		170		0.00	0.00
1803-4.081	Dwgs/specs for tooling released for fab	05FEB07	10	16FEB07*		170		0.00	14,228.80
1803-4-105	Stage 4 dwg-SE130-XXX HALF PERIOD TF ASSY	05FEB07*	40	30MAR07		200		0.00	21,343.20



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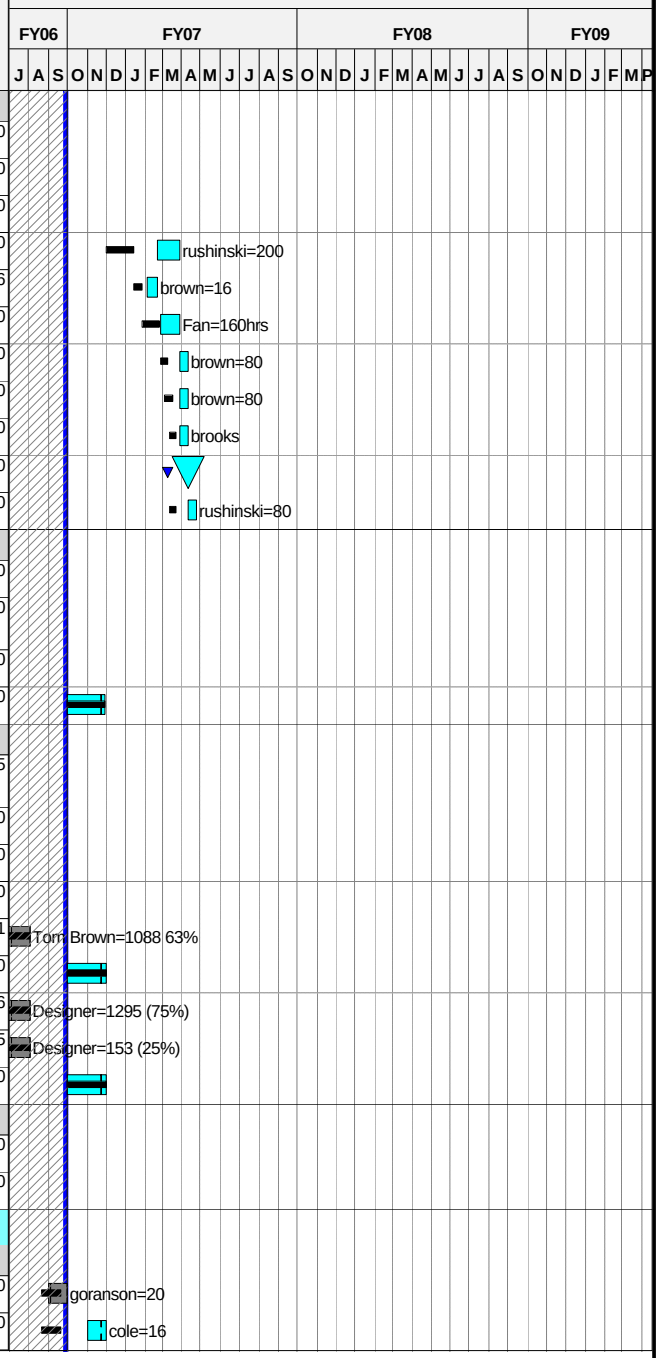
Station 5-Final Field Period Assembly									
1803-4.01	Concept definition and requirements	01MAR05A	5	28MAR05A			100	10,704.00	10,704.00
1803-4.03	TF HP support turning fixture - model design d	01APR05A	15	30JUN05A			100	14,265.00	14,265.00
1803-5.002	TF Rotation Fixture plus dwgs start	02MAY05A	129*	30SEP05A			100	32,592.00	32,592.00
1803-5.003	Models & dwgs completed	20FEB07*	25	26MAR07		127		0.00	35,572.00
1803-5.1	Requirements finalized	06FEB07*	10	19FEB07		127		0.00	2,845.76
1803-5.004	Structural Analysis	27FEB07	20	26MAR07		127		0.00	28,457.60
1803-5.200	Metrology layout	27MAR07	10	09APR07		127		0.00	14,228.80
1803-5.101	Assy sequence plan drafted	27MAR07	10	09APR07		127		0.00	14,228.80
1803-5.102	Dimensional control plan drafted	27MAR07*	10	09APR07		127		0.00	0.00
1803-5.005	PDR/FDR		0	09APR07		127		0.00	0.00
1803-5.007	Dwgs/Specs for tooling released for fab	10APR07	10	23APR07		127		0.00	14,228.80
6.00-Interface/Test Activities									
1803-5.01	Finalize TFTR test cell FPA assembly layout draw	01JUN05A	42*	29JUL05A			100	9,066.40	9,066.40
1803-5.03	Design MC assy test components	01JUN05A	25*	30JUN05A			100	32,112.00	32,112.00
1803-5.04	Fab - Test Articles	01JUL05A	65*	30SEP05A			100	19,215.00	19,215.00
1803-5.02	TFTR Test Cell FPA arrgmnt dwg	02OCT06*	40	28NOV06		212		0.00	0.00
7.00-Oversight									
1803-7.01	Meetings Prep and Reporting	01NOV04A	230*	30SEP05A			LOE	114,037.05	114,037.05
1803-7.02	Develop and maintain concept definition document	01NOV04A	230*	30SEP05A			LOE	9,915.00	9,915.00
1803-7.03	Develop and maintain assembly plan document	01NOV04A	349*	30SEP05A			LOE	9,254.00	9,254.00
1803-7.04	Mike Cole's FY05 on-site involvement in assembly	01NOV04A	230*	30SEP05A			LOE	24,800.00	24,800.00
1803-7.10	Tom Brown Engineering	03OCT05A	249*	01AUG06A			LOE	156,615.71	156,615.71
1803-7.11	Tom Brown Engineering (resources above)	02OCT06*	42*	30NOV06		707	LOE	0.00	0.00
1803-7.20	Design Activity	03OCT05A	249*	01AUG06A			LOE	124,050.46	124,050.46
1803-7.21	Design Activity	01MAY06A	107*	01AUG06A			LOE	10,598.45	10,598.45
1803-7.22	Design Activity (resources above)	02OCT06*	42*	30NOV06		707	LOE	0.00	0.00
Prior Costs									
FY05CV-29	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-148,000.00	-148,000.00
FY06CV-140	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	6,100.00	6,100.00
Job: 1806 - FP Assembly specs and drawings-COLE									
1.00-VV Prep Station									
1803-1-100	Prep Stage 1 Spec	01SEP06A	20	29SEP06A			100	3,374.00	3,374.00
1803-1-105	Stage 1 dwg -SE121-004	02NOV06*	20	01DEC06		230		0.00	2,750.40



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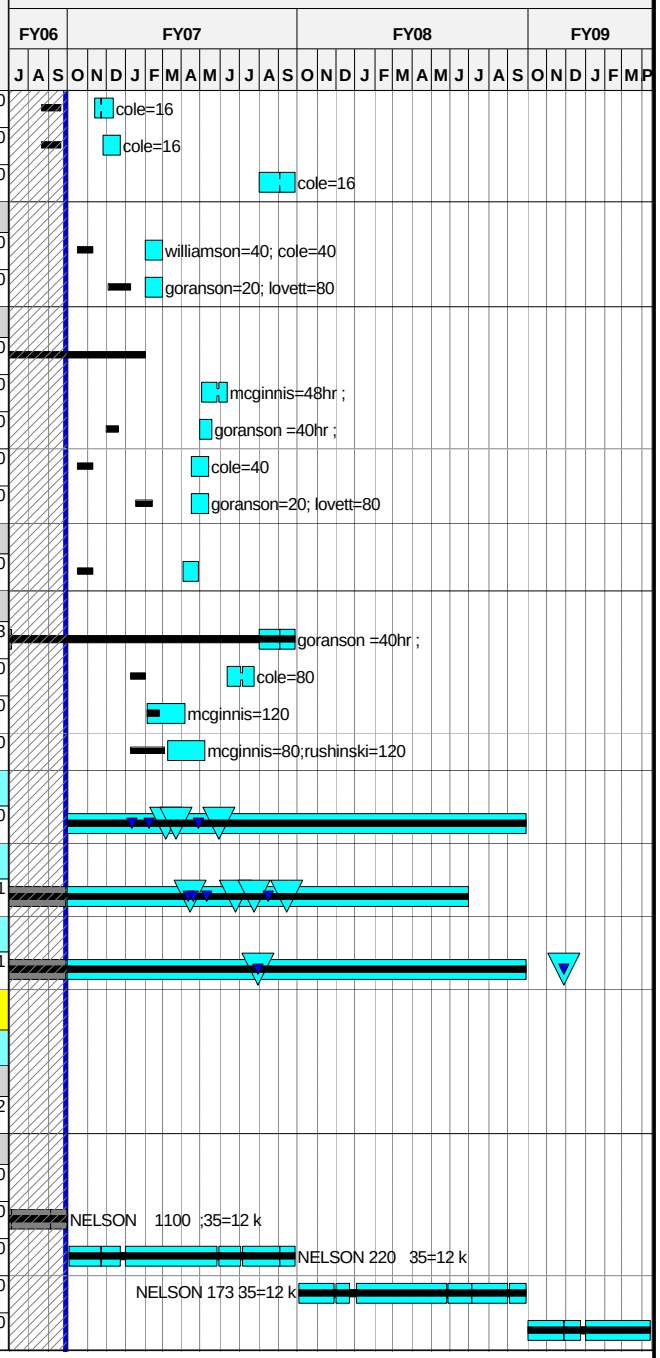
1803-1-110	Stage 1 dwg -SE121-008	14NOV06*	20	13DEC06		222		0.00	2,750.40
1803-1-115	Stage 1 dwg -SE121-049 (BOM)	27NOV06*	20	22DEC06		215		0.00	2,750.40
1803-1-120	Spacer specification and assy dwgs	01AUG07*	40	26SEP07		283		0.00	2,750.40
Station 2-Modular Coil Sub- Assembly									
1803-2-100	Prep Stage 2 Spec	02FEB07*	20	01MAR07		141		0.00	13,752.00
1803-2-105	Stage 2 dwg-se140-xInterface between MC &insul	01FEB07*	20	28FEB07		142		0.00	17,190.00
Station 3-Modular Coil to VVSA Assembly									
1203-803	Prelim VV final assy dwgs 120-049,004 & 008		83*	30JUN06A			60	4,048.80	4,048.80
1203-880	Issue 120-049,004 & 008	02MAY07*	28	11JUN07		117		0.00	8,251.20
1203-804	Issue VV assy specification	01MAY07*	13	17MAY07		133		0.00	6,876.00
1803-3-100	Prep stage 3 Spec	16APR07*	20	11MAY07		137		0.00	6,876.00
1803-3-105	Stage 3 dwg-se140-xxx - Interface between VV and	16APR07*	20	11MAY07		137		0.00	17,190.00
Station 4-TF Coil Sub-assembly									
1803-4-100	Prep stage 4 Spec	02APR07*	20	27APR07		180		0.00	0.00
Station 5-Final Field Period Assembly									
1203-802	Issue spacer field machining dwgs	01JAN06A	171*	28SEP07		287	80	5,423.55	18,982.43
1803-5-100	Prep stage 5 Spec	11JUN07*	30	23JUL07		134		0.00	13,752.00
1803-5-105	Prep stage 5 dwg-SE180-x PORT LOC.&WELD DETAILS	05FEB07*	44	05APR07		209		0.00	20,628.00
1803-5-110	Prep stage 5 dwg-SE180-XXX TF FIELD PERIOD ASSY	08MAR07*	44	08MAY07		186		0.00	35,095.20
+ Job: 1805-FP Assy H/W&Fixture Procurements-DUDEK									
		02OCT06	498	29SEP08		251		0.00	315,190.20
+ Job: 1802 - FP Assy Oversight&Support-VIOLA									
		13OCT03A	1,183	30JUN08		314		662,947.69	1,602,318.41
+ Job:1810 - Field Period Assembly-VIOLA									
		01OCT05A	789	26NOV08		209		167,824.85	2,613,880.41
19 - Stellarator Core Management and Integration									
Job: 1901 - Stellarator Core Mngtt&Integr-NELSON									
+ Prior Costs									
		01APR03A	757	30MAR06A				1,490,162.42	1,490,162.42
191 - Stellarator Core Management & Oversight									
192-6.07	Time constant calcs using SPARK	01APR04A	42*	28MAY04A			100	6,180.00	6,180.00
0191-6	LOE-FY06 WBS 191	03OCT05A	249*	29SEP06A			LOE	197,774.00	197,774.00
0191-6X	LOE-FY07 WBS 191	03OCT06*	247	27SEP07		501	LOE	0.00	50,226.00
0191-7	LOE-FY08 WBS 191	03OCT07*	247	29SEP08		251	LOE	0.00	43,591.00
191-8	LOE-FY09 WBS 191	03OCT08*	130	15APR09		118	LOE	0.00	0.00



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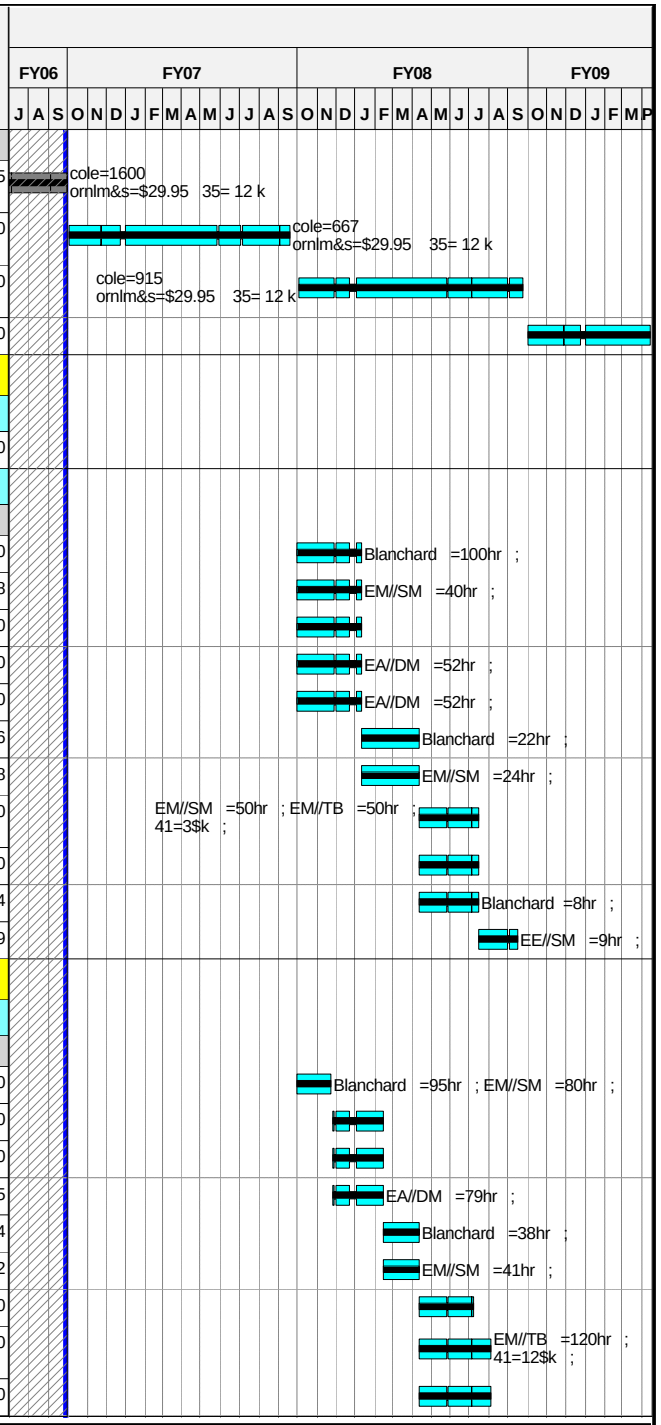
192 - Stellarator Core Integration & Analysis									
0192-6	LOE-FY06 WBS 192	03OCT05A	*249**	29SEP06A			***LOE***	312,481.45	312,481.45
0192-6X	LOE-FY07 WBS 192	03OCT06*	*242*	20SEP07		***506***	***LOE***	0.00	158,033.60
0192-7	LOE-FY08 WBS 192	03OCT07*	*242*	22SEP08		***256***	***LOE***	0.00	207,916.40
0192-99	LOE-FY09	01OCT08*	*130*	13APR09		***120***	***LOE***	0.00	153,664.00
21 - Fueling Systems									
+ Job: 2001-VPS,Gas& Cond Sys Oversight-BLANCHARD									
		01APR03A	*757*	30MAR06A				62,897.20	62,897.20
Job: 2101 - Fueling Systems									
ECP 16 October 2004									
21-10	Eng. Work Planning and Design	01OCT07*	*65*	10JAN08		***96***		0.00	18,208.00
21-15	Design Gas Handling Hardware	01OCT07	*65*	10JAN08		***96***		0.00	5,246.28
21-20	Design PLC Controls	01OCT07	*65*	10JAN08		***161***		0.00	0.00
21-25	Electrical Drafting for pumping system	01OCT07	*65*	10JAN08		***161***		0.00	6,320.60
21-30	Drafting	01OCT07	*65*	10JAN08		***161***		0.00	6,320.60
21-35	Eng. Work Planning and Design during fab	11JAN08	*65*	10APR08		***161***		0.00	4,005.76
21-40	Fabrication/Install Hardware	11JAN08	*65*	10APR08		***96***		0.00	3,228.48
21-45	Fabrication/installation	11APR08	*65*	14JUL08		***96***		0.00	15,214.00
21-55	Install PLC Controls	11APR08	*65*	14JUL08		***96***		0.00	0.00
21-60	Integrated Systems Testing/Eng	11APR08	*65*	14JUL08		***96***		0.00	1,456.64
21-65	Integrated Systems Testing/Tech Support	15JUL08	*45*	16SEP08		***96***		0.00	1,196.19
22 - Torus Vacuum Pumping Systems									
Job: 2201 - Vacuum Pumping Systems									
22-25	Eng. Work Planning and Design	01OCT07*	*40*	23NOV07		***113***		0.00	28,059.20
22-30	Design PLC based control system *N/R*	26NOV07	*50*	14FEB08		***153***		0.00	0.00
22-35	Electrical Drafting for pumping system *N/R*	26NOV07	*50*	14FEB08		***173***		0.00	0.00
22-40	Drafting	26NOV07	*50*	14FEB08		***113***		0.00	9,602.45
22-45	Eng. Work Planning and Design during fab	15FEB08	*40*	10APR08		***133***		0.00	6,919.04
22-50	Perform maint. & repair of pmpg sys	15FEB08	*40*	10APR08		***113***		0.00	5,515.32
22-55	Repair and Calibration vac instrumentation*N/R*	11APR08	*60*	07JUL08		***133***		0.00	0.00
22-60	Fabrication/installation	11APR08	*80*	04AUG08		***113***		0.00	27,115.20
22-65		11APR08	*80*	04AUG08		***113***		0.00	0.00



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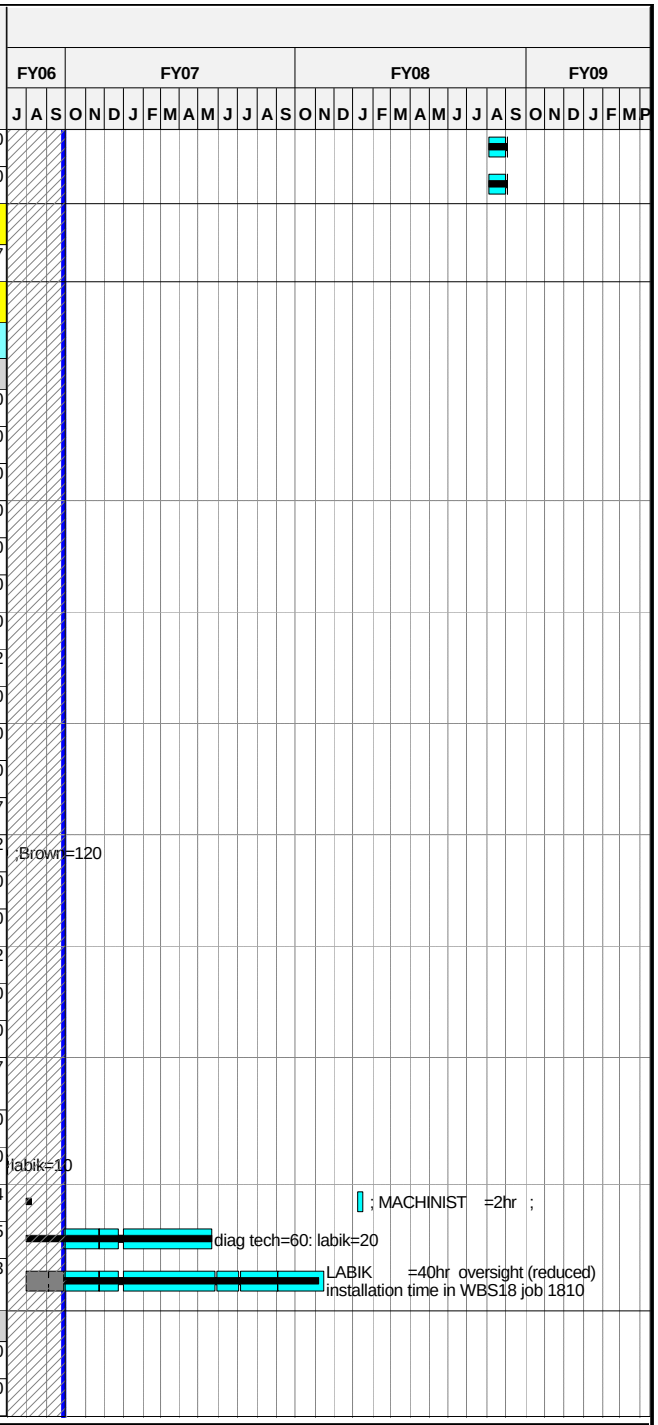
22-70	Integrated Systems Testing/Eng *N/R*	05AUG08	20	02SEP08		113		0.00	0.00
22-75	Integrated Systems Testing/Tech Support*N/R*	05AUG08	20	02SEP08		113		0.00	0.00
+ 25 - Neutral Beam Injection System									
		01APR03A	757	30MAR06A				285,017.67	285,017.67
31 - Magnetic Diagnostics									
Job: 3101 Magnetic Diagnostics									
Vacuum Vessel Saddle Loops									
3101-105	DEVELOP LOCATING, MOUNTING STRATEGY	01JAN05A	20	31JAN05A			100	1,000.00	1,000.00
3101-109	INTEGRATE LOOP AND LEAD DESIGN WITH H/C TUBES	01JAN05A	40	28FEB05A			100	6,416.80	6,416.80
3101-113	INTEGRATE LAYOUT, MEAS NEEDS W/ VSL METRO PLANS	01JAN05A	40	28FEB05A			100	3,208.40	3,208.40
3101-117	DEVELOP CONSTRAINTS FOR ARRAY LAYOUT	01JAN05A	20	31JAN05A			100	0.00	0.00
3101-121	LAYOUT CANDIDATE SENSOR ARRAY ON PRO-E VV MODEL	01FEB05A	20	28FEB05A			100	0.00	0.00
3101-125	PDR PREP -VESSEL SADDLE LOOP MOUNTING	02MAY05A	5	31MAY05A			100	9,483.60	9,483.60
3101-126	PEER REVIEW -VESSEL SADDLE LOOP MOUNTING		0	31MAY05A			100	0.00	0.00
3101-129	DESIGN AND PROTOTYPE SADDLE LOOP TERMINATIONS	01MAR05A	107*	29JUL05A			100	7,643.52	7,643.52
3101-133	Prototype loops on vsl proto segment using ARI	01MAR05A	107*	29JUL05A			100	6,189.20	6,189.20
3101-137	FINAL OPTIMIZATION OF LOOP LOCATION, AREA	01JAN05A	193*	30SEP05A			100	0.00	0.00
3101-149	PREPARE METROLOGY	01JUN05A	87*	31AUG05A			100	6,416.80	6,416.80
3101-145	Procure MI Cable	26SEP05A	68*	23DEC05A			100	22,182.57	22,182.57
3101-139	Develop ProE model of loops, flat dev, fiducials	26SEP05A	254*	30JUN06A			100	20,859.52	20,859.52
3101-141	FDR PREP-	01DEC05A	123*	31MAY06A			100	10,410.60	10,410.60
3101-142	FDR - VESSEL SADDLE LOOP TEMPLATES		0	16DEC05A			100	0.00	0.00
3101-153	Fab Installation Templates (for FP assy)	01JAN06A	41*	28FEB06A			100	2,619.92	2,619.92
3101-143	FDR - VESSEL SADDLE LOOP INSTALLATION		0	31MAY06A			100	0.00	0.00
3101-146	Procure remaining materials	01OCT05A	99*	28FEB06A			100	12,424.40	12,424.40
3101-157	Design & fab tooling and clamps	01JUN05A	209*	31MAR06A			100	13,035.67	13,035.67
3101-167	Design voltage loops	01DEC05A	123*	31MAY06A			100	3,470.20	3,470.20
3101-169	Voltage loop connection peer review	30JUN06A	1	30JUN06A			100	1,735.10	1,735.10
3101-154	Fab Installation Templates (for spacers)	10JAN08	5	16JAN08		212		0.00	269.04
3101-165	Identify lead wires at multiple locations	29SEP06*	159*	21MAY07		591	LOE	0.00	8,538.05
3101-161	SUPT LOOP INSTL 200 LOOPS), TESTING	01AUG06A	327*	16NOV07		465	LOE	907.84	7,092.53
Modular Coil C-wound Loops									
3101-205	MOUNTING/LOCATING STRATEGY MC CO-WOUND LOOPS	01JAN05A	20	31JAN05A			100	3,208.40	3,208.40
3101-209	PROTOTYPE ON TWISTED RACETRACK	01MAR05A	20	31MAR05A			100	4,741.80	4,741.80



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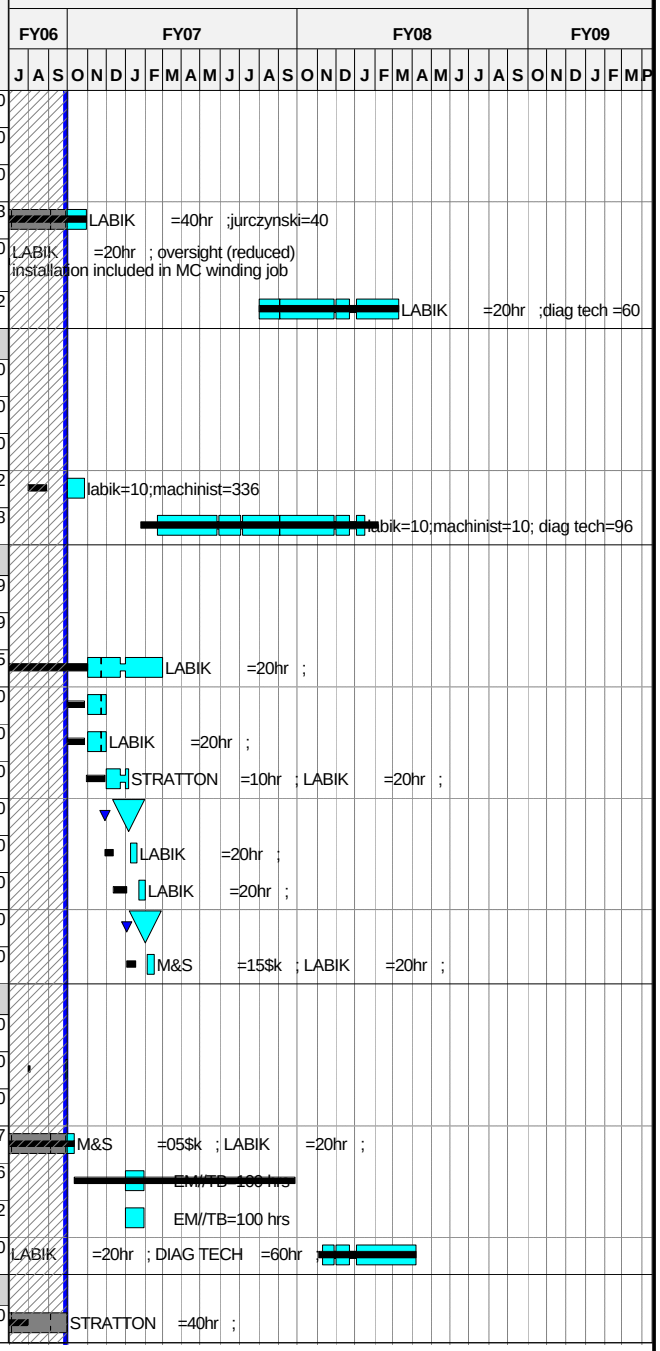
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-xx
3101-213	DESIGN TERMINATION	01MAR05A	130*	31AUG05A			100	7,302.40	7,302.40
3101-221	PROCURE MATERIALS	25JUL05A	0*	29JUL05A			100	6,410.90	6,410.90
3101-217	Peer review of lead routing	31JAN06A	0*	31JAN06A			100	6,940.40	6,940.40
3101-230	Install heat shrink tubing on MI cable	31JAN06A	192*	30OCT06		263	25	3,024.31	12,097.23
3101-229	SUPPORT NSTALLATION	01MAR06A	318*	30JUN06A			100	3,470.20	3,470.20
3101-231	Terminate MC co-wound loops	01AUG07*	149*	10MAR08		393		0.00	11,626.32
Saddle Loop Termination Boxes									
3101-333	Complete termination box design & prototyping	26SEP05A	47*	31OCT05A			100	10,833.80	10,833.80
3101-421	FDR of terminations incl in saddle loop FDR	31MAY06A	1	31MAY06A			100	0.00	0.00
3101-422	Fab Prototype term. Box	01MAY06A	20	31MAY06A			100	3,257.60	3,257.60
3101-517	Fab termination boxes (24)	02OCT06*	20	27OCT06		729		0.00	29,734.92
3101-517A	Install termination boxes	21FEB07	224*	16JAN08		114		0.00	10,682.18
Rogowski Coils									
3101-301	LAYOUT LOCATION ROWGOSKI COIL &EST COIL DIMEN	01JUN05A	166*	31JAN06A			100	4,924.69	4,924.69
3101-309	DESIGN COIL MOUNTING TECHNIQUE	26SEP05A	127*	31MAR06A			100	3,459.89	3,459.89
3101-305	work on coil design with vendor	03OCT05A	221*	28FEB07		649	75	2,622.71	3,496.95
3101-312	Mandrel prototype	01NOV06*	20	30NOV06		707		0.00	0.00
3101-313	DESIGN LEAD ROUTING AND TERMINATION	01NOV06*	20	30NOV06		175		0.00	3,546.00
3101-317	PDR PREP- ROWGOWSKI COIL	01DEC06*	20	05JAN07		175		0.00	5,238.10
3101-318	PDR - ROWGOWSKI COIL		0	05JAN07*		175		0.00	0.00
3101-321	Specify Rogowski Coils	08JAN07*	10	19JAN07		175		0.00	3,546.00
3101-325	FDR PREP ROWGOSKI COIL	22JAN07*	10	02FEB07		175		0.00	3,546.00
3101-326	FDR - ROWGOSKI COIL		0	02FEB07		175		0.00	0.00
3101-329	FAB ROWGOWSKI COILS (2)	05FEB07	10	16FEB07		175		0.00	24,111.00
TF and PF Co-wound Loops									
3101-401	MOUNTING/LOCATING TECHNIQUE TF CO-WOUND LOOPS	25JUL05A	28*	31AUG05A			100	6,275.20	6,275.20
3101-405	DESIGN TERMINATION N/R	29SEP06	1	29SEP06		749		0.00	0.00
3101-409	FINALIZE LOOP LOCATION/MOUNTING TECHNIQUE	01AUG05A	20	31AUG05A			100	6,416.80	6,416.80
3101-417	PROCURE MATERIALS	01MAY06A	115*	11OCT06		286	90	9,297.42	10,330.47
3101-425	INSTALL HEAT SHRINK CABLE(for 3 TF coils)	02JAN07*	20	29JAN07		236		0.00	2,746.26
3101-426	INSTALL HEAT SHRINK CABLE (for 6 PF coils)	02JAN07*	20	29JAN07		441		0.00	5,492.52
3101-429	INSTALL TERMINATIONS	09NOV07	98*	07APR08		97		0.00	8,769.20
Modular Coil Shell Saddle LoopsCANCELLED SCOPE**									
3101-501	DETERMINE NUMEBR AND LOCATION OF LOOPS	01MAY06A	106*	29SEP06A			100	3,311.80	3,311.80



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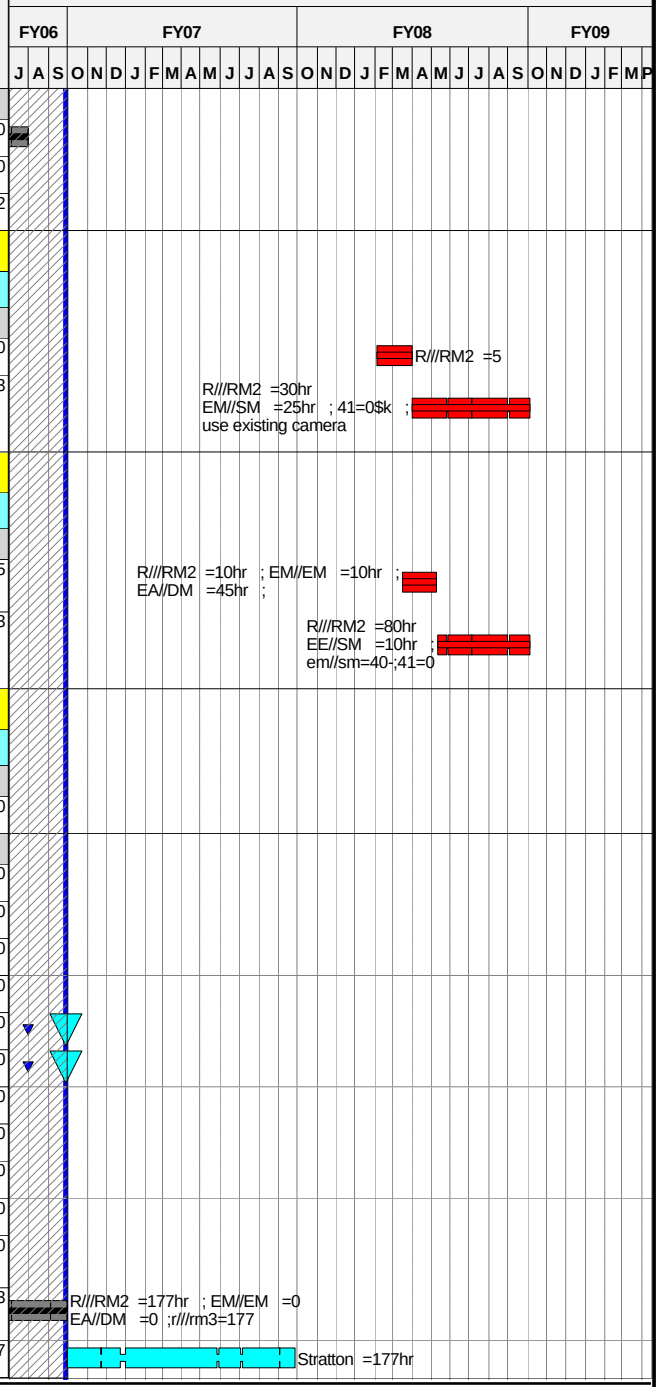
ECP50-100	ECP50 Mod coil shell saddle loop deletion	01OCT05A	251	31JUL06A				59,420.00	59,420.00
FY05CV-32	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				30,000.00	30,000.00
FY06CV-01	FY06 YTD cost vari (offset by scope reductions)	01OCT05A	251	28FEB06A				83,621.42	83,621.42
36 - Edge and Divertor Diagnostics									
Job: 3601 - Edge and Divertor Diagnostics									
361-001	Design Visible Camera sys	06FEB08*	40	01APR08		83		0.00	868.80
361-015	Fab/Assy/Installation Visible Camera	02APR08*	130	03OCT08		83		0.00	8,589.23
38 - Electron Beam (EB) Mapping									
Job: 3801 - Electron Beam Mapping									
380-010	Designe-Beam Probe,Fluor. Screen	17MAR08	40	09MAY08		83		0.00	9,028.15
380-015	Fab & Install Beam probe	12MAY08*	102	03OCT08		83		0.00	20,651.83
39 - Diagnostics Integration									
Job: 3901 - Diagnostics sys Integration-JOHNSON									
Prior Costs									
390-001	LOE Support FY03	01APR03A	151*	30SEP03A			100	155,450.00	155,450.00
390-100	Finalize VV ports (number,size,locations)		0	30JUN04A			100	0.00	0.00
390-110	Resolve port interferences.Final port config		0	30JUN04A			100	0.00	0.00
390-120	Update port map&revise diag port assignments		0	31OCT05A			100	0.00	0.00
390-130	Rvw status of existing ICD's w/VV & Mod Coils		0	31JAN06A			100	0.00	0.00
390-140	Write ICD's-Define external space for diagnostic		0	28SEP06*		750	50	0.00	0.00
390-150	Write ICD's-Define space f/racks in cntrl rm		0	28SEP06*		750	50	0.00	0.00
390-160	Start recruiting diag team at HTPD conference		0	30JUN04A			100	0.00	0.00
390-170	Develop space envelopes for SXR		0	31JAN06A			100	0.00	0.00
390-180	Hold CDR's co-wound mag sensors&ext saddle loops		0	31OCT05A			100	0.00	0.00
390-010	LOE Support FY04	01OCT03A	250*	30SEP04A			LOE	65,000.00	65,000.00
390-015	LOE Support FY05 **reduced scope	01OCT04A	249*	30SEP05A			LOE	66,357.30	66,357.30
390-020	LOE Support FY06	03OCT05A	249*	29SEP06A			LOE	70,515.03	70,515.03
390-03	LOE Support FY07	02OCT06*	249*	28SEP07		500	LOE	0.00	29,950.17



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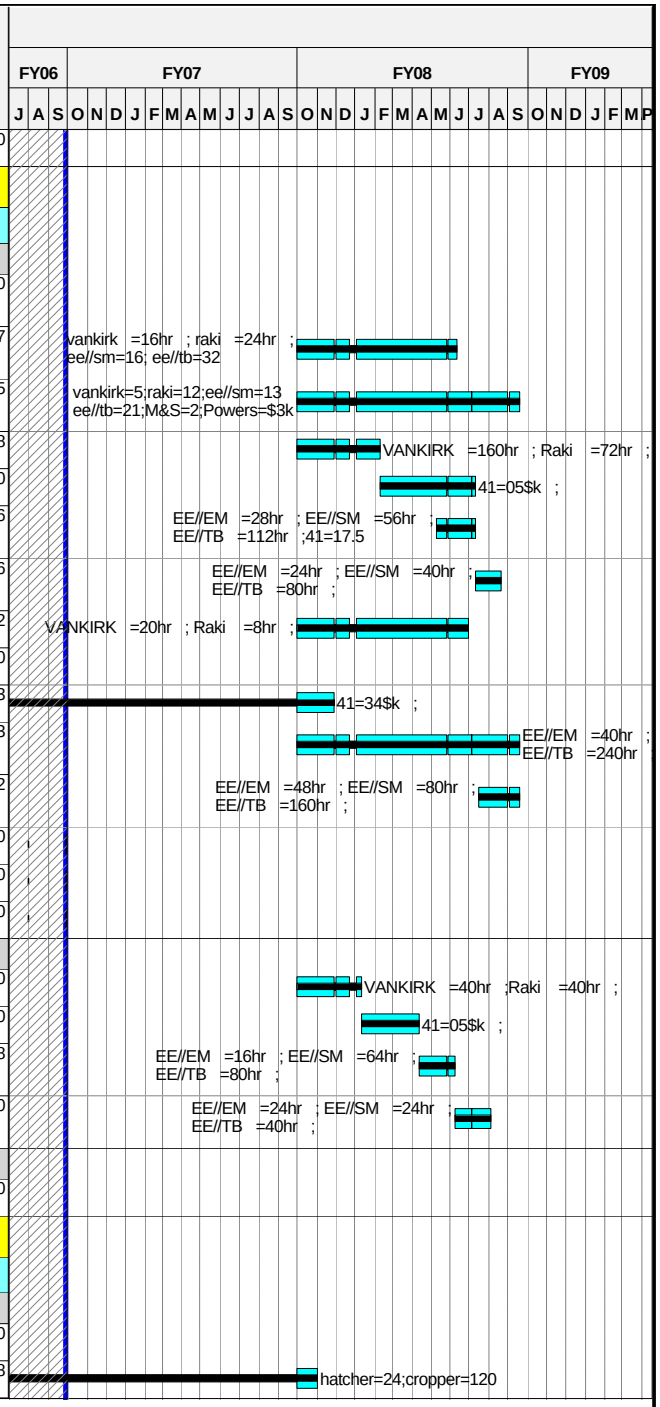
FY05CV-33	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-12,000.00	-12,000.00
41 - AC Power									
Job: 4101 - AC Power-RAMAKRISHNAN									
411 - Auxiliary AC Power Systems									
4101-100	Prepare Preliminary One line diagram	01MAR04A	173*	30SEP04A			100	8,442.00	8,442.00
4101-100.1	Prepare Preliminary One line diagram	01OCT07*	173	11JUN08		327		0.00	1,105.97
411-1-100	Ex-Test cell AC pwr-Reactivate& new instl	01OCT07*	241	17SEP08		259		0.00	13,285.15
411-2-2	Grounding-Dsn	01OCT07*	86	08FEB08		114		0.00	32,148.08
411-2-4	Grounding-Procure	11FEB08*	107	10JUL08		114		0.00	7,025.00
411-2-6	Grounding-Install	09MAY08*	43	10JUL08		114		0.00	46,611.46
411-2-8	Grounding-Commission	11JUL08*	29	20AUG08		114		0.00	16,436.96
411-3-2	Test Cell AC Power Distr-Dsn	01OCT07*	186	30JUN08		150		0.00	3,842.12
411-3-2.04	Test Cell AC Power fy04	01APR04A	186*	30SEP04A			100	73,000.00	73,000.00
411-3-4	Test Cell AC Power Distr-Procure(pnls & xfrmrs)	01JUL05A	108*	28NOV07		293	20	9,052.19	45,260.93
411-3-6	Test Cell AC Power Distr-Install	01OCT07*	358	17SEP08		95	50	15,806.82	31,613.63
411-3-8	Test Cell AC Power Distr-Commission	16JUL08*	45	17SEP08		95		0.00	32,873.92
411-4-2	Standby Power for Cryo Sys -Dsn	29SEP06	0	28SEP06		750		0.00	0.00
411-4-4	Standby Power for Cryo Sys -Procure	29SEP06	0	28SEP06		750		0.00	0.00
411-4-6	Standby Power for Cryo Sys -Install	29SEP06	0	28SEP06		750		0.00	0.00
412 - Experimental AC Power Systems									
412-1-2	D-site Pulsed AC Power Distr-Dsn	01OCT07*	65	10JAN08		103		0.00	11,917.60
412-1-4	D-site Pulsed AC Power Distr-Procure	11JAN08	65	10APR08		103		0.00	7,025.00
412-1-6	D-site Pulsed AC Power Distr-Install	11APR08	40	06JUN08		103		0.00	18,215.68
412-1-8	D-site Pulsed AC Power Distr-Commission	09JUN08	40	04AUG08		103		0.00	10,866.80
FY05CV-34	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				2,000.00	2,000.00
43 - DC Systems									
Job: 4301 - DC Systems-RAMAKRISHNAN									
431 - C-Site DC Systems									
431-260	Power loop design	01NOV04A	350*	23DEC05A			100	111,112.40	111,112.40
431-200	Condition/spare parts inventory	01OCT04A	394*	31OCT07		477	95	16,987.59	17,881.68



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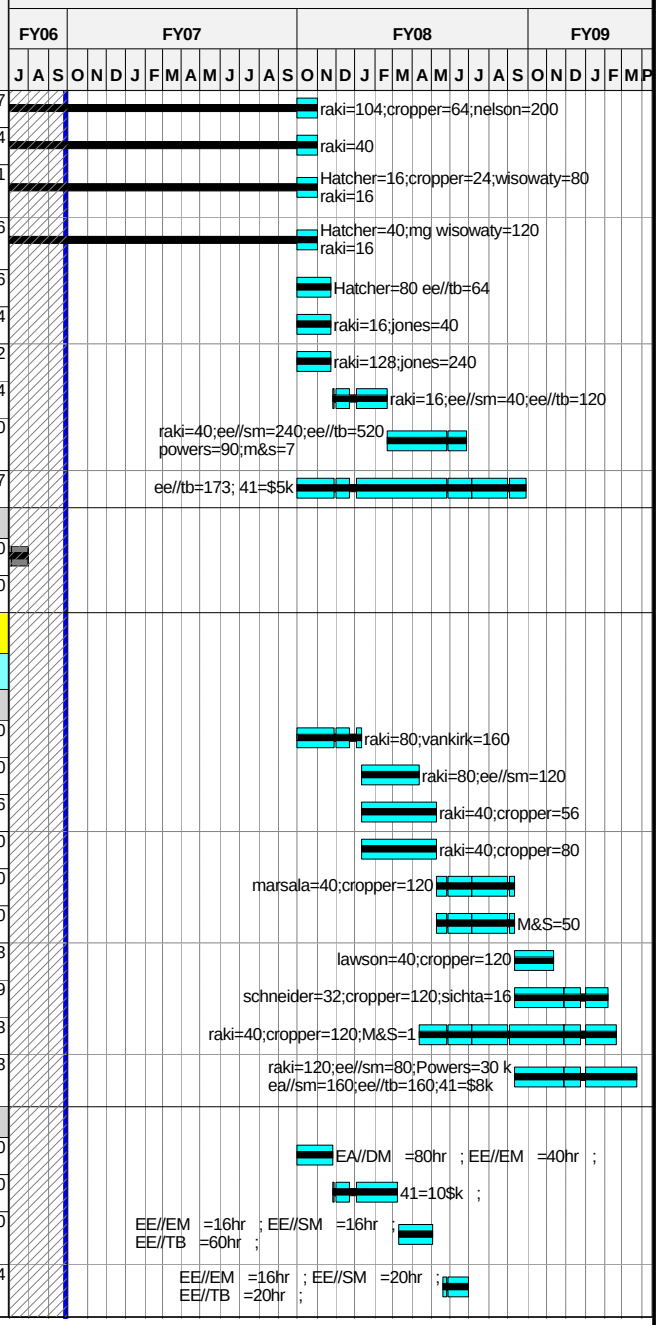
431-210	Organize & verify documentation	01OCT04A	394*	31OCT07		477	95	43,443.28	45,729.77
431-215	Document status	01OCT04A	394*	31OCT07		477	90	5,788.39	6,431.54
431-225	Reactivate DF & PEI units	01JUL05A	209*	31OCT07		477	90	13,174.14	14,667.31
431-230	Load test	01JUL05A	209*	31OCT07		477	90	16,997.66	18,915.66
431-240	Simulate each of 6 pwr loops in PSCAD	01OCT07*	40	23NOV07		460		0.00	19,620.96
431-250	c-site dc sys DGS dsn documentation	01OCT07*	40	23NOV07		460		0.00	7,684.24
431-261	Redo power loop design	01OCT07*	40	23NOV07		179		0.00	51,749.92
431-265	Fabricate bus components	26NOV07*	55	21FEB08		179		0.00	18,469.44
431-275	Power cabling & Installation	22FEB08*	88	25JUN08		179		0.00	220,005.80
431-276	Maint of C-site rectifiers	01OCT07*	249	29SEP08		251		0.00	21,918.57
ECP494301	ECP49 job closeout for fy06	01OCT05A	251	31JUL06A				106,000.00	106,000.00
FY05CV-35	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				69,000.00	69,000.00
44 - Control and protection Systems									
Job: 4401 - Control & Protection-RAMAKRISHNAN									
441 - Electrical Interlocks									
441-095	Design Interlock sys	01OCT07*	65	10JAN08		135		0.00	33,559.20
441-097	Install Interlock sys	11JAN08	65	10APR08		156		0.00	30,060.40
441-100	PLC Specification	11JAN08	85	08MAY08		135		0.00	14,498.56
441-105	Prep Block diagrams	11JAN08	85	08MAY08		135		0.00	17,688.40
441-110	PLC CWD's & Cabling	09MAY08*	85	09SEP08		135		0.00	23,004.80
441-115	deliver PLC	09MAY08*	85	09SEP08		265		0.00	70,250.00
441-120	Program PLC Logic	10SEP08	45	11NOV08		220		0.00	24,044.53
441-125	Program Control pages	10SEP08	97	04FEB09		168		0.00	25,478.89
441-130	Pre-commissioning tests	11APR08	214	20FEB09		156		0.00	25,110.23
441-135	Install I/O Cabling	10SEP08	130	23MAR09		135		0.00	123,488.63
442 - Kirk Key Interlocks									
442-1-2	Kirk Keys-Dsn	01OCT07*	41	26NOV07		127		0.00	16,779.60
442-1-4	Kirk Keys-Procure	27NOV07	65	07MAR08		127		0.00	14,050.00
442-1-6	Kirk Keys-Install	10MAR08	40	02MAY08		127		0.00	45,239.20
442-1-8	Kirk Keys-Commission	19MAY08	30	30JUN08		127		0.00	7,202.24



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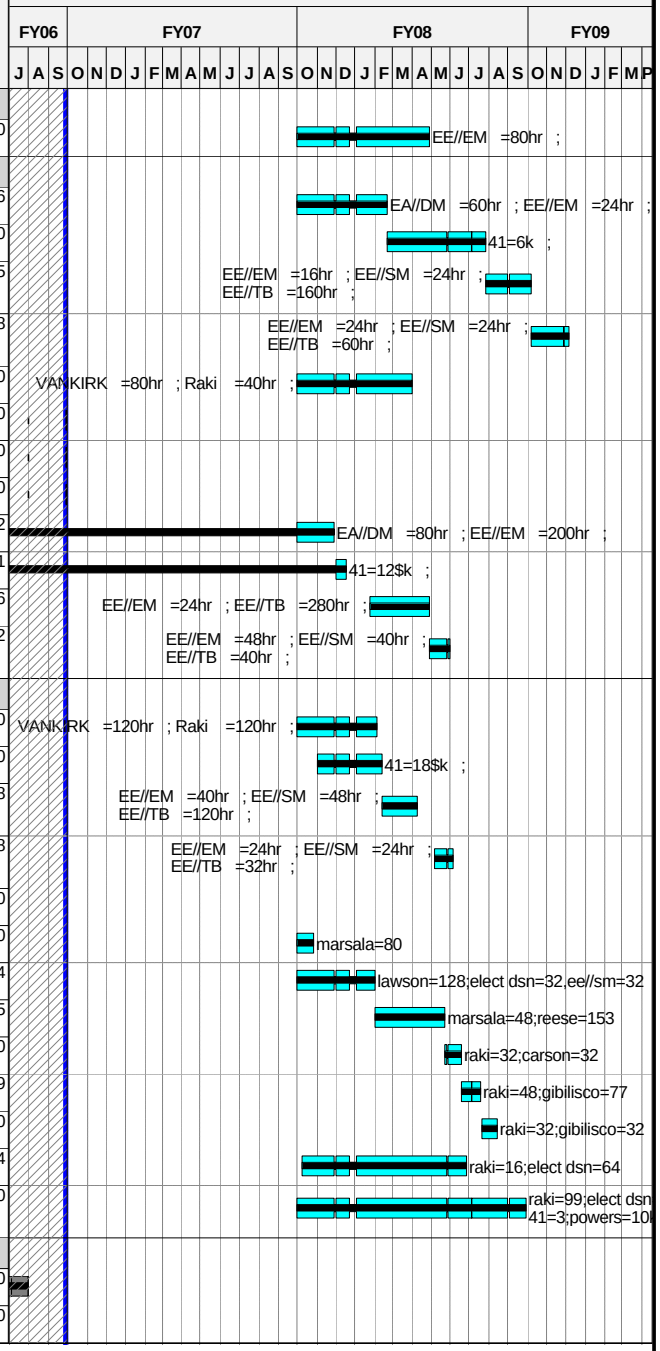
443 - Real Time Control Systems									
443-1-2	Develop Control Algorithms-Dsn	01OCT07*	142	28APR08		238		0.00	14,111.20
444 - Instrument Systems									
444-2-2	DC Potential Transducers (DCPTs)-Dsn	01OCT07*	95	21FEB08		205		0.00	11,526.36
444-2-4	DC Potential Transducers (DCPTs)-Procure	22FEB08	109	25JUL08		205		0.00	8,430.00
444-2-6	DC Potential Transducers (DCPTs)-Install	28JUL08	51	07OCT08		205		0.00	19,918.05
444-2-8	DC Potential Transducers (DCPTs)-Commission	08OCT08	40	04DEC08		205		0.00	13,442.28
444-3-2	DC Shunts-Dsn	01OCT07*	122	31MAR08		378		0.00	16,779.60
444-3-4	DC Shunts-Procure**N/R**	29SEP06	0	28SEP06		750		0.00	0.00
444-3-6	DC Shunts-Install**N/R**	29SEP06	0	28SEP06		750		0.00	0.00
444-3-8	DC Shunts-Commission**N/R**	29SEP06	0	28SEP06		750		0.00	0.00
444-4-2	Signal Conditioning & Cabling-Dsn	01JUL05A	108*	28NOV07		367	15	6,244.25	41,628.32
444-4-4	Signal Conditioning & Cabling-Procure	01JUL05A	241*	18DEC07		336	15	2,427.83	16,185.51
444-4-6	Signal Conditioning & Cabling-Install	24JAN08	68	28APR08		336		0.00	28,338.56
444-4-8	Signal Conditioning & Cabling-Commission	29APR08	22	29MAY08		336		0.00	17,226.72
445 - Coil Protection Systems									
445-1-2	Ground Fault Protection-Dsn	01OCT07*	82	04FEB08		151		0.00	35,752.80
445-1-4	Ground Fault Protection-Procure	01NOV07*	65	12FEB08		145		0.00	25,290.00
445-1-6	Ground Fault Protection-Install	13FEB08*	40	08APR08		145		0.00	23,766.08
445-1-8	Ground Fault Protection-Commission	07MAY08	20	04JUN08		145		0.00	10,178.08
445-2-0	Overload Protection & Cabling-Prelim Dsn	01MAR04A	272	30SEP04A				1,054.90	1,054.90
445-2-105	Overload Protect-Write spec and approve	01OCT07*	20	26OCT07		480		0.00	14,111.20
445-2-110	Overload Protect-Design	01OCT07*	80	31JAN08		281		0.00	30,720.64
445-2-115	Overload Protect-Fabr 4 chassis 120 modls	01FEB08*	79	21MAY08		281		0.00	28,801.95
445-2-120	Overload Protect-Test 4 units	22MAY08	20	19JUN08		281		0.00	9,897.60
445-2-125	Overload Protect-Install & Rack wiring	20JUN08	20	18JUL08		281		0.00	18,700.79
445-2-130	Overload Protect-Write & perform ISTP	21JUL08	20	15AUG08		281		0.00	9,897.60
445-2-135	Overload Protect-Documentation	08OCT07*	180	27JUN08		315		0.00	10,601.44
445-2-140	Overload Protection&cabling design,procure instl	01OCT07*	249	29SEP08		251		0.00	59,697.20
ECP494401	ECP49 job closeout for fy06	01OCT05A	251	31JUL06A				24,000.00	24,000.00
FY05CV-36	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				49,000.00	49,000.00



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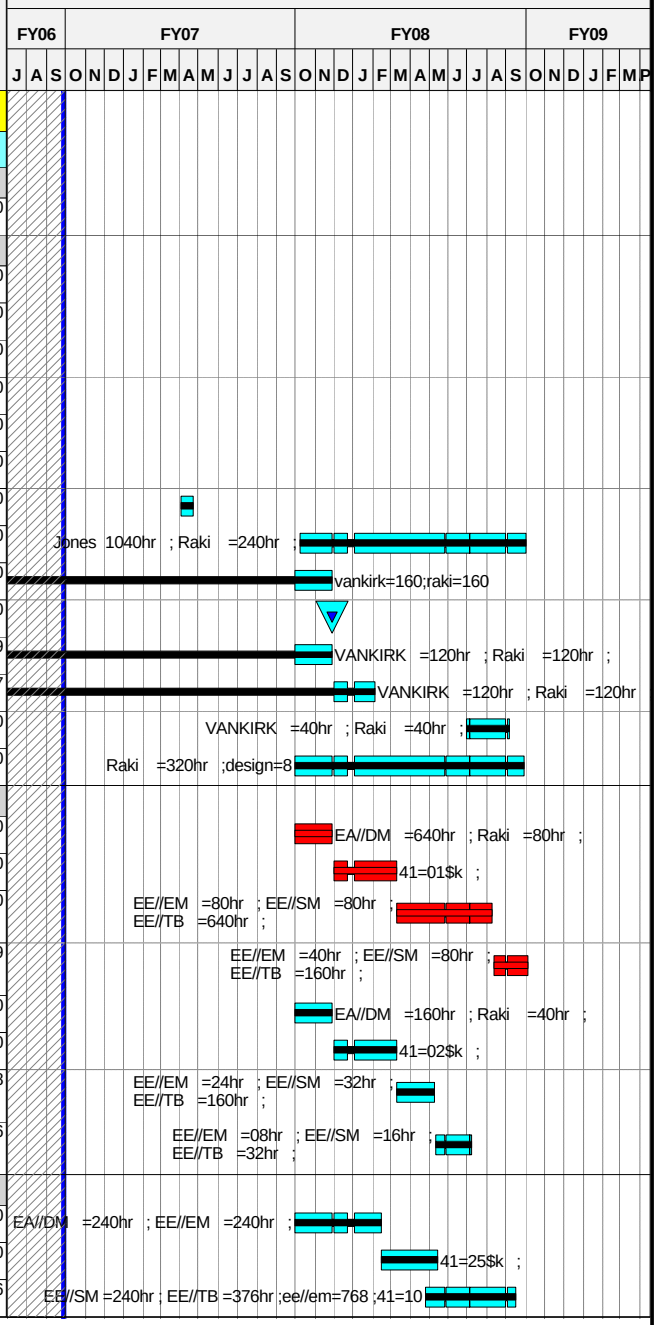
45 - Power System Design and Integration									
Job: 4501 - Power Sys Dsn & Integr-RAMAKRISHNAN									
Prior Costs									
4501-001	Apr-Sept MIE Cost	01APR03A	43*	30SEP03A			100	112,340.00	112,340.00
451 - System Design & Interfaces									
4501-100	Design Drawings	02FEB04A	193*	30SEP04A			100	19,807.80	19,807.80
4501-110	Calculations-FY04	01MAR04A	151*	30SEP04A			100	0.00	0.00
451-0-1	C-Site Decision	30APR04A	0	30APR04A			100	0.00	0.00
451-7-2	FDR DC transmission-Dsn	01MAY04A	0*	28MAY04A			100	10,084.00	10,084.00
451-7-20	FDR DC transmission		0	28MAY04A			100	0.00	0.00
451-2-1	CDR Power system -Dsn	01DEC04A	208*	31AUG05A			100	41,299.20	41,299.20
451-0-2	Develop SRD	02APR07*	15	20APR07		612		0.00	0.00
451-3-2	Dwgs,asbuilts -Elect Dsn	08OCT07*	245*	30SEP08		250		0.00	168,745.60
451-2-2	PDR Prep Power system -Dsn	03APR06A	86*	28NOV07		417	20	9,309.76	46,548.80
451-2-3	PDR Power system -Dsn		0	28NOV07		457		0.00	0.00
451-6-2	FDR C-Site -Cabling	01SEP05A	186*	28NOV07		457	5	1,705.49	34,109.79
451-2-2.1	FDR C-Site	01NOV05A	101	05FEB08		417	2	690.96	34,547.67
451-4-2	FDR AC auxiliaries & grounding-Dsn	01JUL08*	45	03SEP08		269		0.00	11,917.60
451-1-2	Calculations-Dsn	01OCT07*	249	29SEP08		251		0.00	57,417.20
452 - Electrical Systems Support									
452-1-2	Diagnostics AC Power Distr-Dsn	01OCT07*	43	28NOV07		83		0.00	91,903.20
452-1-4	Diagnostics AC Power Distr-Procure	03DEC07	65	11MAR08		83		0.00	1,405.00
452-1-6	Diagnostics AC Power Distr-Install	12MAR08	105	07AUG08		83		0.00	79,841.60
452-1-8	Diagnostics AC Power Distr-Commission	13AUG08	37	03OCT08		83		0.00	31,635.79
452-2-2	Diagnostics sensor cabling-Dsn	01OCT07*	43	28NOV07		145		0.00	26,503.60
452-2-4	Diagnostics sensor cabling-Procure	03DEC07	65	11MAR08		145		0.00	2,810.00
452-2-6	Diagnostics sensor cabling-Install	12MAR08	43	09MAY08		145		0.00	22,260.88
452-2-8	Diagnostics sensor cabling-Commission	12MAY08	40	08JUL08		145		0.00	6,292.56
453 - System Testing (PTP's)									
453-1-2	New Procedures	01OCT07*	90	14FEB08		153		0.00	71,505.60
453-1-4	Preop Testing-Procure test equipt	15FEB08*	65	15MAY08		188		0.00	35,125.00
453-1-8	Testing PTPs, ISTPs	25APR08*	100	16SEP08		103		0.00	213,785.76



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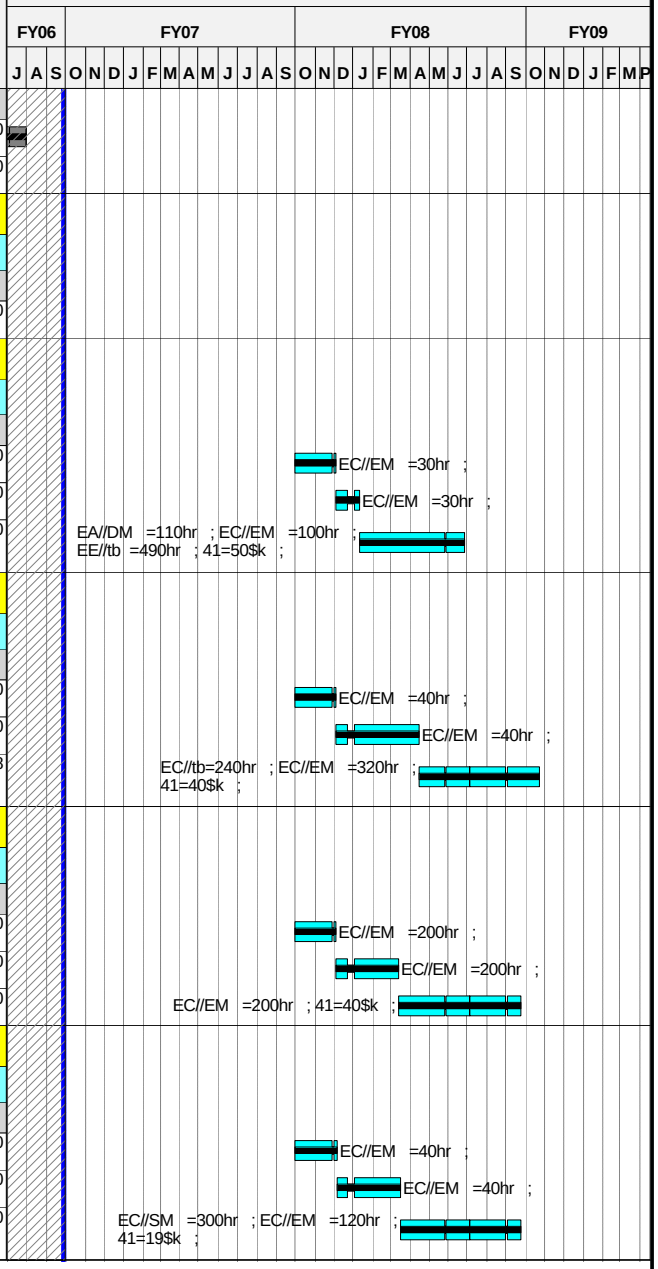
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-xx
ECP494501	ECP49 job closeout for fy06	01OCT05A	251	31JUL06A				5,000.00	5,000.00
FY05CV-37	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-52,000.00	-52,000.00
46 - FCPC Building Modifications									
Job: 4601 - FCPC Bldg Mods-RAMAKRISHNAN									
Prior Costs									
4601-001	Apr-Sept MIE Cost	01APR03A	43*	30SEP03A			100	1,300.00	1,300.00
51 - TCP/IP Infrastructure Systems									
Job: 5101 - TCP/IP Infrastructure Systems									
51-10	Preliminary Design (Title I)	01OCT07*	45	04DEC07		315		0.00	4,695.30
51-20	Final Network Design (Title II)	05DEC07	20	10JAN08		315		0.00	4,695.30
51-30	Installation, Testing, Documentation (Title III)	11JAN08	120	27JUN08		315		0.00	141,455.60
52 - Central Instrumentation & Control									
5201 - I&C Systems									
52-10	Preliminary Design (Title I)	01OCT07*	45	04DEC07		233		0.00	6,260.40
52-20	Final Design (Title II)	05DEC07	87	14APR08		233		0.00	6,260.40
52-30	Installation, Testing, Documentation (Title III)	15APR08	135	23OCT08		233		0.00	126,284.98
53 - Data Acquisition & Facility Computing									
5301 - Data Acquisition									
53-10	Preliminary Design (Title I)	01OCT07*	45	04DEC07		255		0.00	31,302.00
53-20	Final Design (Title II)	05DEC07	65	13MAR08		255		0.00	31,302.00
53-30	Coding, Configuration, Testing (Title III)	14MAR08	135	23SEP08		255		0.00	87,502.00
54 - Facility Timing & Synchronization									
Job: 5401 - Facility Timing & Synchronization									
54-10	Preliminary Design (Title I)	02OCT07*	45	05DEC07		254		0.00	6,260.40
54-20	Final Design (Title II)	06DEC07	65	14MAR08		254		0.00	6,260.40
54-30	Installation, Testing, Documentation (Title III)	17MAR08	135	24SEP08		254		0.00	69,632.20



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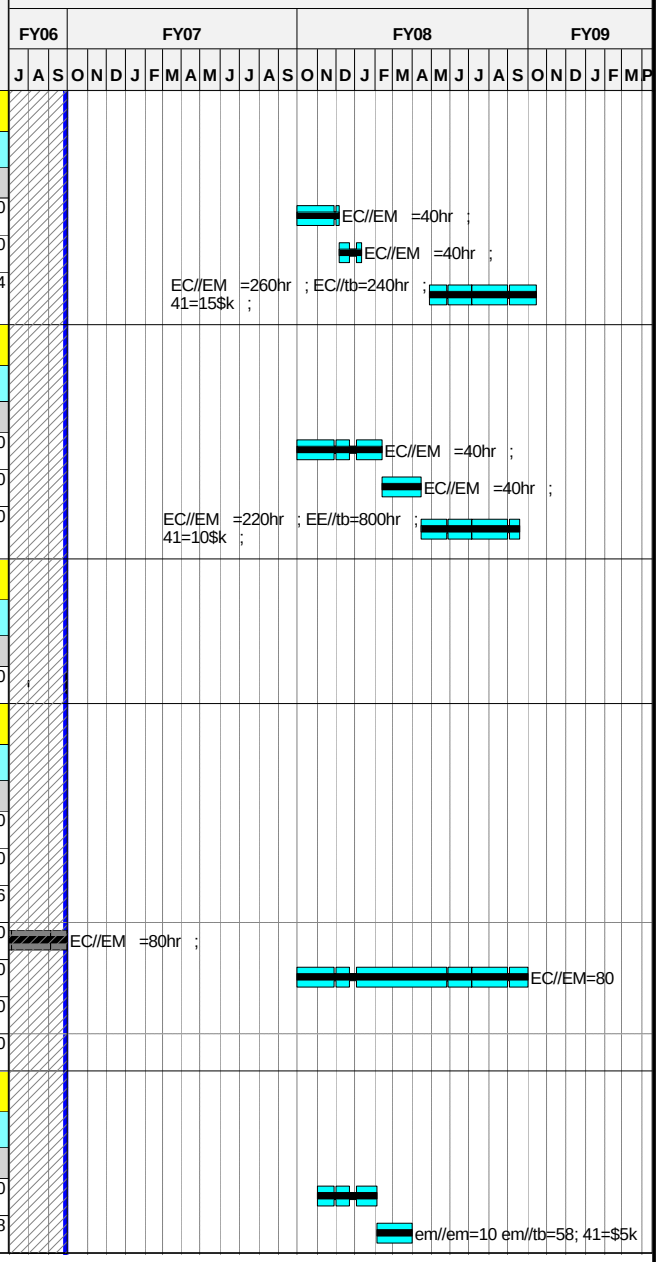
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-xx
55 - Real Time Plasma & Power Supply Control Sys									
5501 - Real Time Control System									
55-10	Preliminary Design (Title I)	02OCT07*	*45*	05DEC07		***314***		0.00	6,260.40
55-20	Final Design (Title II)	06DEC07	*20*	11JAN08		***314***		0.00	6,260.40
55-30	Installation, Testing, Documentation (Title III)	29APR08	*120*	16OCT08		***238***		0.00	81,478.84
56 - Central Safety Interlock Systems									
Job: 5601 - Central Safety Interlock Systems									
56-10	Preliminary Design (Title I)	02OCT07*	*87*	12FEB08		***259***		0.00	6,260.40
56-20	Final Design (Title II)	13FEB08	*45*	15APR08		***259***		0.00	6,260.40
56-30	Installation, Testing, Documentation (Title III)	16APR08	*108*	17SEP08		***259***		0.00	116,850.20
57 - Control Room Facility									
Job: 5701 - Control Room Facility									
57-10		29SEP06	*0*	28SEP06		***750***		0.00	0.00
58 - Central I&C management and Integration									
Job: 5801 -Central I&C Integr & Oversight-SICHTA									
51-00	FY03	01APR03A	*250**	30SEP03A			***LOE***	11,900.00	11,900.00
51-01	FY04 LOE support	01OCT03A	*250**	30SEP04A			***LOE***	16,000.00	16,000.00
51-02	FY05 LOE support	01OCT04A	*249**	30SEP05A			***LOE***	12,462.26	12,462.26
58-FY06	FY07 LOE support	01MAY06A	*107**	29SEP06A			***LOE***	11,932.00	11,932.00
58-FY07	FY07 LOE support	02OCT07*	*249**	30SEP08		***250***	***LOE***	0.00	12,520.80
FY05CV-38	FY05 unrecoverable cost variance	01OCT04A	*251*	30SEP05A				-7,000.00	-7,000.00
FY06CV-180	ECP45 FY06 cv	01OCT05A	*251**	30MAR06A			***100***	340.00	340.00
61 - Water Systems									
Job:6101 - Water Systems									
613 - Vacuum Pumping System									
623.011	Design WBS 612 **N/R**	01NOV07*	*59*	04FEB08		***209***		0.00	0.00
632.021	WBS 612 Assembly/Fabrication/Installation	05FEB08	*40*	31MAR08		***209***		0.00	13,802.48



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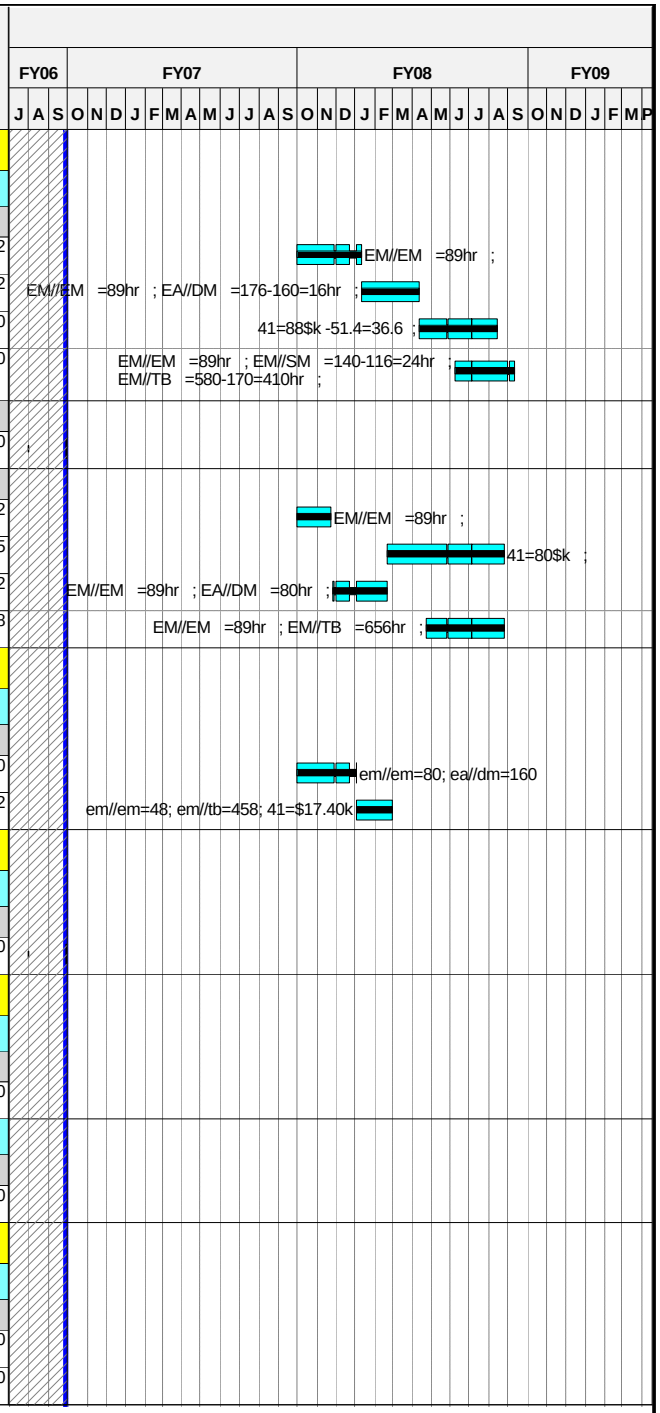
62 - Cryogenic Systems									
Job: 6201 - Cryogenic Systems									
621 - LN2-LHe Supply System									
631-001	Preliminary Design	01OCT07*	65	10JAN08		265		0.00	16,205.12
631-010	Final Design**reduced scope	11JAN08	65	10APR08		265		0.00	18,149.92
631-020	Procurement **reduced scope	11APR08	88	14AUG08		265		0.00	123,078.00
631-015	Fab/Assy/Installation**reduced scope	09JUN08	65	09SEP08		265		0.00	71,991.50
622 - LN2 Coil Cooling Supply									
632-001	**deleted scope	29SEP06	0	28SEP06		750		0.00	0.00
623 - GN2 Cryostat Cooling System									
633-001	Preliminary Design	01OCT07*	40	23NOV07		275		0.00	16,205.12
633-020	Procurement	22FEB08	130	25AUG08		275		0.00	112,329.75
633-010	Final Design	26NOV07	55	21FEB08		275		0.00	25,929.12
633-015	Fab/Assy/Installation	22APR08	88	25AUG08		275		0.00	72,266.88
63 - Utility Systems									
Job: 6301 - Utility Systems									
640.011	Design GN2, Air & Vent Systems	01OCT07*	59	02JAN08		244		0.00	34,014.40
640.021	Assembly/Fabrication	03JAN08	40	27FEB08		244		0.00	72,889.52
64 - PFC/VV Heating & Cooling*ELIMINATED*									
Job: 6401 - PFC/VV Heating & Cooling									
650.001	Eliminated scope	29SEP06	0	28SEP06		750		0.00	0.00
65 - Facility Systems Integration									
Job: 6163 - Facility Systems Support FY04									
65-03	LOE WBS 6	01OCT03A	250*	30SEP04A			LOE	15,000.00	15,000.00
Job: 6501 - Facility Systems Integration-DUDEK									
Prior Costs									
6501-001	Apr-Sept MIE Cost PPPL	01APR03A	0	30SEP03A			100	9,380.00	9,380.00
71 - Shield Wall Seismic Modifications									
Job: 7101 - Shield Wall Modif Design-PERRY									
Prior Costs									
7101-000	Apr-Sept MIE Cost PPPL	01APR03A	66	30SEP03A			100	32,150.00	32,150.00
FY06CV-185	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	490.00	490.00



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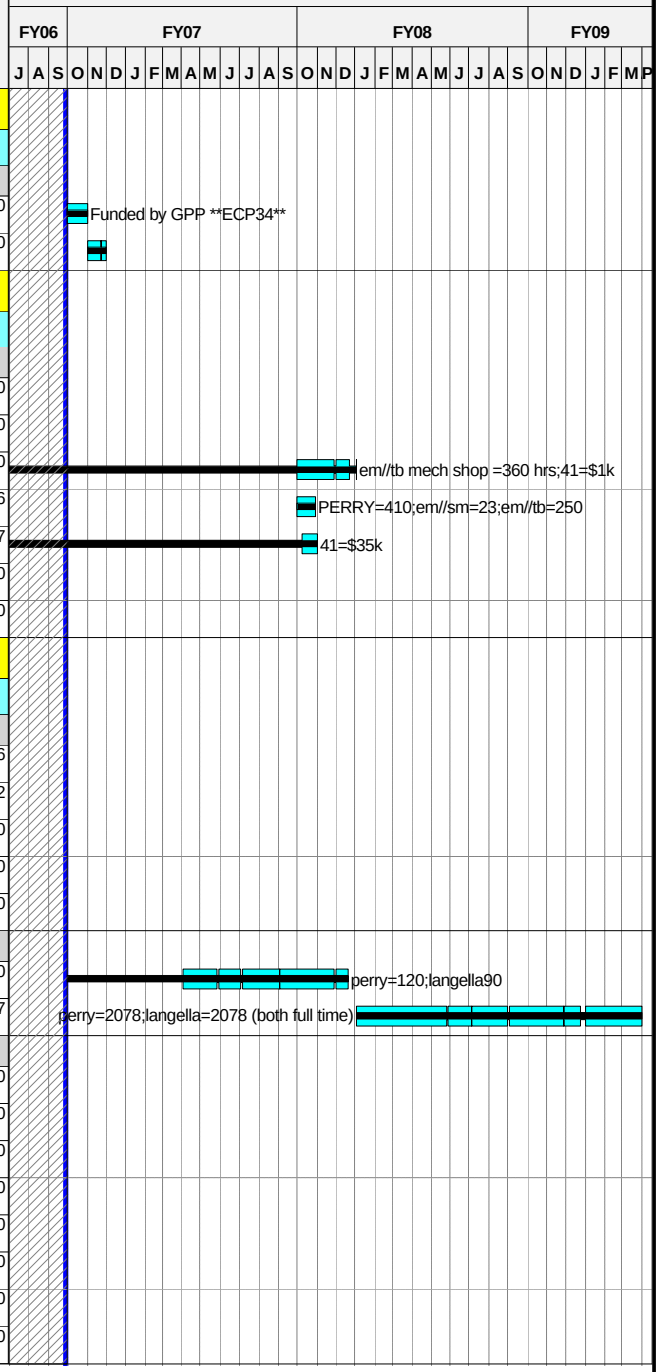
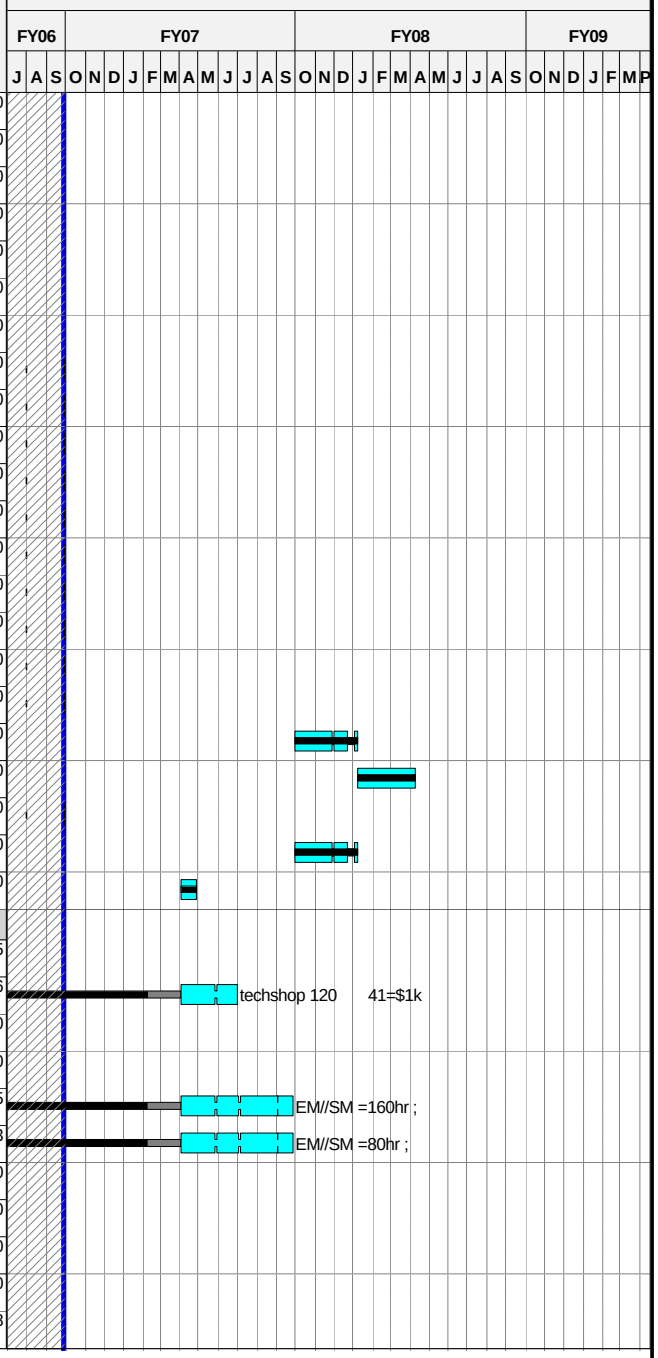
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-xx
72 - Control Room Refurbishment									
Job: 7201 - Control Room Walls&Floors-PERRY									
710.001	Install Wall east side control room	02OCT06*	24	02NOV06		707		0.00	0.00
711B.050	Complete Control Room Flooring **post CD-4**	03NOV06*	18	30NOV06		707		0.00	0.00
73 - Platform Design & Fabrication									
Job: 7301 - Platform Design & Fab-PERRY									
712.008	Update Platform Specification	01JUN05A	0*	30JUN05A			100	6,416.80	6,416.80
712.010	Final Design	02MAY05A	43*	30JUN05A			100	53,163.80	53,163.80
711A.040	Platform nut plates	01APR05A	187*	02JAN08		190	90	26,443.80	29,382.00
712.020	Platform Parts	01OCT07*	22	30OCT07		227		0.00	26,279.76
712.030	Miscs Hardware/Material	01JUL05A	83*	31OCT07		226	80	36,609.50	45,761.87
FY05CV-39	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-50,000.00	-50,000.00
FY06CV-195	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	3,740.00	3,740.00
74 - Machine Assembly Planning and Oversight									
Job: 7401 - TC Prep & Mach Assy Planning-PERRY									
Prior Costs									
711A.020	LOE FY04	01OCT03A	256*	30SEP04A			LOE	148,582.46	148,582.46
714.010	LOE FY05	01OCT04A	249*	30SEP05A			LOE	109,972.42	109,972.42
7401-001	Apr-Sept MIE Cost PPPL	01APR03A	66	30SEP03A			100	164,000.00	164,000.00
FY05CV-40	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				178,000.00	178,000.00
FY06CV-200	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	32,120.00	32,120.00
Project Scope									
714.020	LOE FY06 prior to assy starting	02APR07*	185*	21DEC07		442		0.00	33,202.10
714.030	LOE FY07 thru first plasma	02JAN08*	313*	31MAR09		129		0.00	675,245.97
FED/Infrastructure Support (non Project cost)									
613.010	Remove Shield Walls ** GPP **	01APR04A	64*	22JUN04A			100	0.00	0.00
613.015	Fabricate New Bottom Course of Blocks **GPP**	01APR04A	207*	31JAN05A			100	0.00	0.00
613.017	Install New Bottom Course **GPP**	01AUG05A	0*	31AUG05A			100	0.00	0.00
613.020	Remove south PLT shielding (cc 7230)	01JUN04A	0*	22JUN04A			100	0.00	0.00
613.025	Dispose of old south PLT shielding **GPP**	01AUG04A	0*	31AUG04A			100	0.00	0.00
EXFAC003	Clear PBX control room & Safe PBX (cc7230)	27JAN03A	110*	30JUN03A			100	0.00	0.00
EXFAC004	Remove Fire protection PLT wall (cc7230)	01MAY03A	21	09MAY03A			100	0.00	0.00
EXFAC005	Remove Fire Protection under platform (cc7230)	01APR03A	21	30APR03A			100	0.00	0.00



Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-xx
EXFAC006	Remove Fire Protection Control rm walls(cc7230)	01MAY03A	21	09MAY03A			100	0.00	0.00
EXFAC007	Remove PBX Base Plates cc7230)	25FEB04A	48*	12MAR04A			100	0.00	0.00
GPP001	GPP-Upgarde C-Site central chilled wtr plant*TBD	01OCT02A	1	01OCT02A			100	0.00	0.00
GPP004	GPP-Roofing Design	01APR04A	291	31MAY05A			100	0.00	0.00
GPP004.1	GPP-Roofing Install	01MAY05A	0	31MAY05A			100	0.00	0.00
GPP005	GPP-Test Cell lighting Design	01APR04A	206*	31JAN05A			100	0.00	0.00
GPP005.1	GPP-Test Cell lighting Install ***TBD***	02MAY05A	0	31MAY05A			100	0.00	0.00
GPP006	GPP-Test Cell HVAC/dew point control Design*TBD	29SEP06	0	28SEP06		750		0.00	0.00
GPP006.1	GPP-Test Cell HVAC/dew point control InstallTBD	29SEP06*	0	28SEP06		750		0.00	0.00
GPP007	GPP-C-Site elevators Design	29SEP06*	0	28SEP06		750		0.00	0.00
GPP007.1	GPP-C-Site elevators Install	29SEP06	0	28SEP06		750		0.00	0.00
GPP008	GPP-Fire suppression high bay design*TBD*	29SEP06	0	28SEP06		750		0.00	0.00
GPP008.1	GPP-Fire suppression high bay install*TBD*	29SEP06	0	28SEP06		750		0.00	0.00
GPP009	Control Room Lights & Outlets design*TBD*	29SEP06	0	28SEP06		686		0.00	0.00
GPP009.1	Control Room Lights & Outlets install*TBD*	29SEP06	0	28SEP06		686		0.00	0.00
GPP010	Control Room HVAC Design **TBD**	29SEP06	0	28SEP06		686		0.00	0.00
GPP010.1	Control Room HVAC Install **TBD**	29SEP06	0	28SEP06		686		0.00	0.00
GPP011	Control Room Ceiling Design	01OCT07*	64	09JAN08		372		0.00	0.00
GPP011.1	Control Room Ceiling Install	10JAN08	64	08APR08		372		0.00	0.00
GPP012	Control Rm Fire Detection & Suppression Design	29SEP06*	0	28SEP06		622		0.00	0.00
GPP012.1	Control RmFire Detection & Suppression Install	01OCT07*	64	09JAN08		372		0.00	0.00
GPPCRANE	Upgrade NCSX test cell crane	02APR07*	20	27APR07		210		0.00	0.00
Test Cell Modifications & Upgrades									
714.020X	TC power instl	01AUG05A	436*	30SEP05A				63,673.65	63,673.65
613.030	Test Cell copper ground plane cuts	01JUL05A	130	29JUN07		563	80	8,631.01	10,788.76
713.010	General procurements	02APR05A	128*	30SEP05A			LOE	19,215.00	19,215.00
7502-000	Outlet Design	02FEB04A	107*	30JUN04A			100	25,272.00	25,272.00
7502-001	Test Cell 110v outlets	01APR05A	256*	28SEP07		500	70	13,215.90	18,879.85
7502-002	Test Cell 208v outlets	01APR05A	256*	28SEP07		500	70	6,607.95	9,439.93
7502-003	Install 480v power in test cell	01SEP05A	0*	30SEP05A			100	0.00	0.00
7502-004	Install 120v panels in test cell	01SEP05A	0*	30SEP05A			100	0.00	0.00
7502-011	Cable Removal in test cell (S04335-32)	01OCT03A	0*	31OCT03A			100	9,937.20	9,937.20
7502-025	TC Floor penetration covers	03NOV03A	42	26NOV03A			100	16,848.00	16,848.00
EXFAC001.2	Complete Crane Modifications (S04354)	02FEB04A	0*	30JAN04A			100	37,608.48	37,608.48



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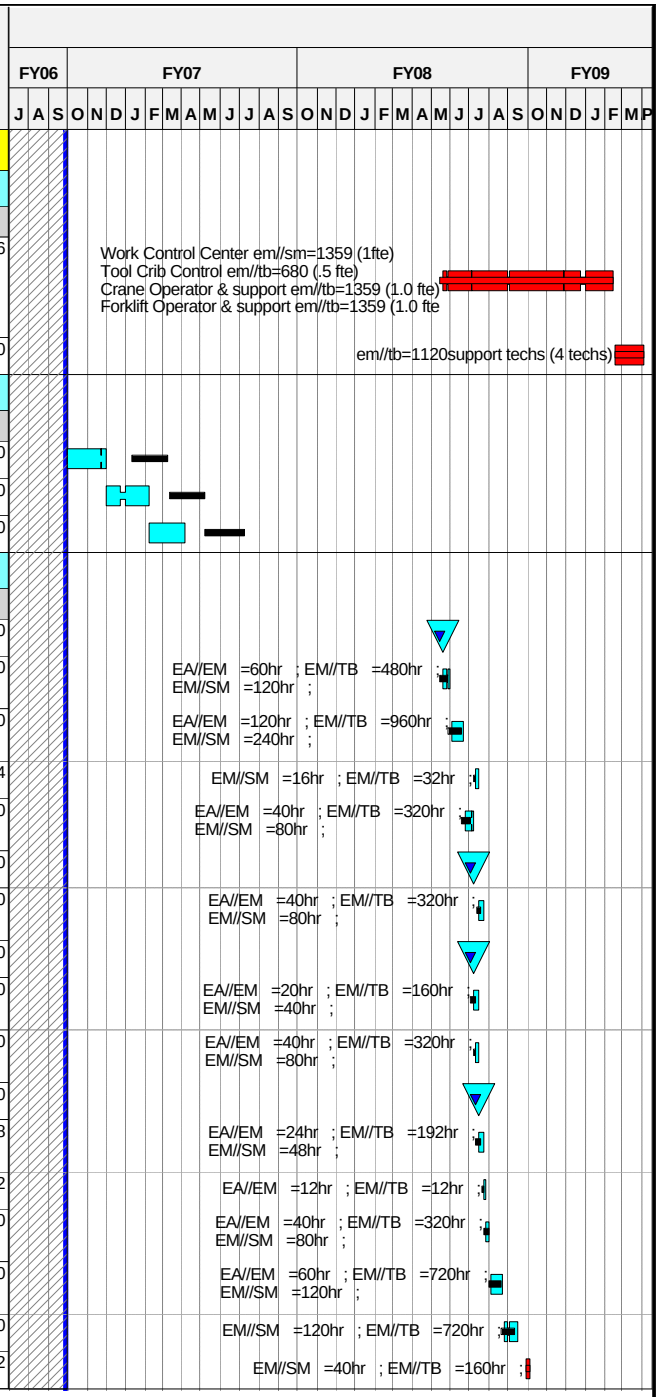
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-xx
75 - Test Cell and Basement Assembly Operations									
7501 - Construction Support Crew									
7501-05	Construction Support Crew during machine assy	20MAY08	182*	13FEB09		83		0.00	489,082.56
7501-06	Construction Support Crew e-beam mapping&ISTP	16FEB09	35*	03APR09		83		0.00	102,211.20
7502 - Test Cell Facility Preparations									
7502-020	Resurface TC floor**DELETED**	02OCT06*	42	30NOV06		623		0.00	0.00
7502-030	TC Floor firesealing**DELETED**	01DEC06	42	06FEB07		623		0.00	0.00
7502-035	Control room firesealing**DELETED**	07FEB07	42	05APR07		623		0.00	0.00
7503 - Machine Assembly									
Revised Assembly Logic (ecp18)									
7503-010	Begin Assembly Activities	20MAY08*	0			92		0.00	0.00
7503-020	Install & Level Support Base Plates	20MAY08	8	30MAY08	2	92		0.00	68,122.20
7503-030	Install/Level FPA's and Spool Piece supports	02JUN08	15	20JUN08	2	92		0.00	136,244.40
7503-060	Install Lower PF 4,5&6 into prelim position	11JUL08	2	14JUL08		92		0.00	4,887.04
7503-070	Install 3 Spool Pieces on fixt & test movement	23JUN08	10	07JUL08		92		0.00	45,414.80
7503-080	FPA-1 Installed on support platform		0	07JUL08		92		0.00	0.00
7503-090	Install local Platforms around FPA-1	16JUL08	5	22JUL08	2	92		0.00	45,414.80
7503-110	FPA-2 Installed on support platform		0	07JUL08		92		0.00	0.00
7503-120	Test movement of FPA-1& -2 & position checks.	08JUL08	5	14JUL08		92		0.00	22,707.40
7503-130	Install local Platforms around FPA-2	10JUL08	3	14JUL08		92		0.00	45,414.80
7503-150	FPA-3 Installed on support platform		0	14JUL08		92		0.00	0.00
7503-160	Position all FPA's / Spool Pieces @ MC Interface	15JUL08	6	22JUL08		92		0.00	27,248.88
7503-170	FPA Metrology Checks to Assure Alignment	23JUL08	3	25JUL08		92		0.00	3,217.32
7503-190	Install local Platforms around FPA-3	28JUL08	5	01AUG08	2	92		0.00	45,414.80
7503-180	MC Interfaces: shim, ream holes ,bolt together	04AUG08	15	22AUG08		92		0.00	88,632.60
7503-200	Mate-up and weld all VV-to-Spool interfaces	25AUG08	15	15SEP08		92		0.00	77,673.60
7503-240	Bolt on preassembled pump duct	29SEP08	5	03OCT08		83		0.00	19,830.32



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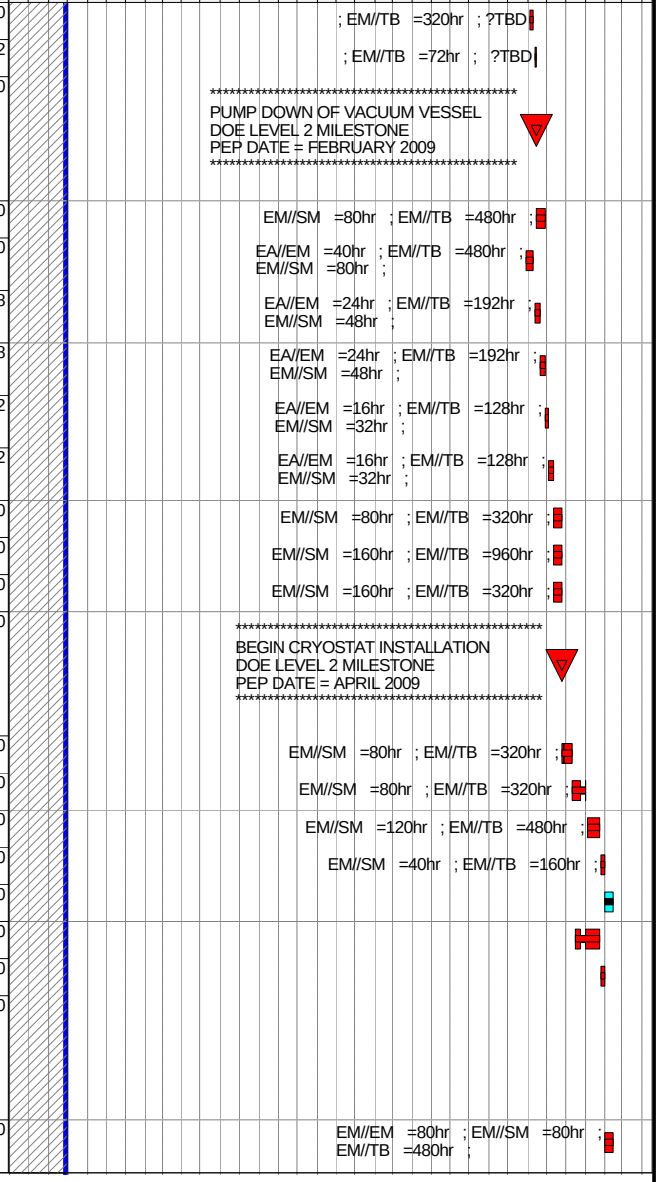
7503-240.1	Install insulation boots	06OCT08	5	10OCT08	2	83		0.00	29,203.20
7503-240.2	Install insulation	13OCT08	2	14OCT08	2	83		0.00	6,570.72
7503-250	Begin Vac Vsl Pumpdown	15OCT08	0			83		0.00	0.00
7503-260	PTP Pumpdown & leak check VV	15OCT08	10	28OCT08		83		0.00	55,296.80
7503-210	Fit-up all TF coils	29SEP08	10	10OCT08		83		0.00	62,296.40
7503-270	Raise lower PF 4,5&6 coils into final position	13OCT08	6	20OCT08		83		0.00	29,098.08
7503-280	Install Upper PF 4,5 & 6 coils	21OCT08	6	28OCT08		83		0.00	29,098.08
7503-290	Install PF Solenoid into position (U/L PF1,2,3)	29OCT08	4	03NOV08		83		0.00	19,398.72
7503-290A	Install trim coils	04NOV08	5	10NOV08		83		0.00	19,398.72
7503-310	Complete LN2 connections	11NOV08	10	24NOV08		83		0.00	40,695.20
7503-320	Complete Elect Pwr connections	11NOV08	10	24NOV08	2	83		0.00	110,593.60
7503-321	Complete mag diag & machine I&C	11NOV08	10	24NOV08	2	83		0.00	52,187.20
7503-330	Begin Cryostat Installation	25NOV08	0			83		0.00	0.00
7503-340	Install Cryostat Base, vapor barrie& port boots	25NOV08	10	10DEC08		83		0.00	40,695.20
7503-350	Install Cryostat upper section,VB and port boots	11DEC08	10	02JAN09		83		0.00	40,695.20
7503-360	Install Midplane Cryostat sections and port boot	05JAN09	15	23JAN09		83		0.00	61,042.80
7503-370	Install Cryostat Circulation Duct	26JAN09	5	30JAN09		83		0.00	20,347.60
730.8200Z	PTP and Cooldown (dup of 730.8200)	02FEB09	10	13FEB09		161		0.00	0.00
730.1248	ACC Review	18DEC08	20	23JAN09		83		0.00	0.00
730.1249	PSO Operational Readiness Assessment	26JAN09	5	30JAN09		83		0.00	0.00
730.1250	PSO Operational Readiness Assessment		0	30JUN09*		65		0.00	0.00
730.8200	PTP and Cooldown	02FEB09	10	13FEB09		83		0.00	70,850.40



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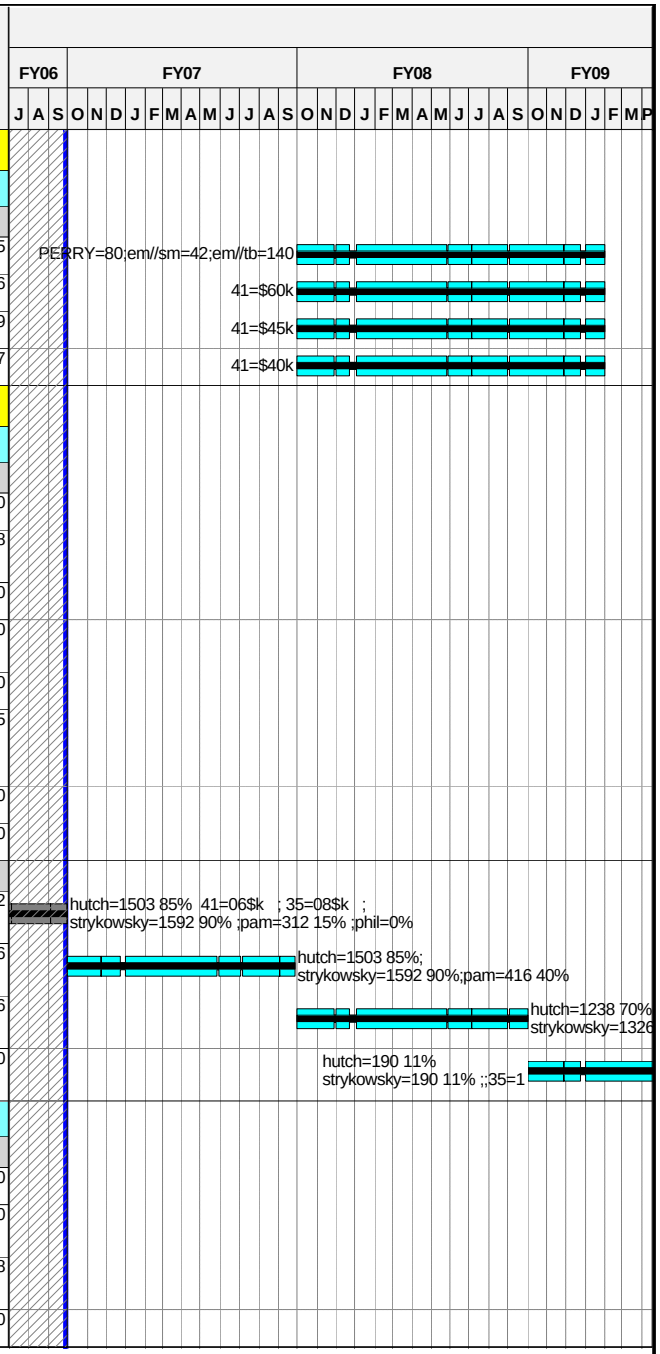
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-xx
76 - Tooling Design & Fabrication									
Job: 7601 - Tooling Design & Fabrication									
713.020	Lab Fab/Assy/Installation	01OCT07*	329*	30JAN09		171		0.00	32,704.75
713.030	Tooling,assy fixtures,misc equipt	01OCT07*	329*	30JAN09		171		0.00	84,804.26
713.040	General procurements	01OCT07*	329*	30JAN09		171		0.00	63,603.19
713.050	Welding tools, materials & equipt	01OCT07*	329*	30JAN09		171		0.00	56,536.17
81 - Project Management and Control									
Job: 8101 - Project Management & Control-NEILSON									
Prior Costs									
M-0110	CD-2		0	03FEB04A				0.00	0.00
810.009	PDR Support	01OCT03A	3*	31OCT03A			100	41,163.08	41,163.08
M-0115	CD-3		0	16SEP04A				0.00	0.00
810.002	Project Management Office PPPL FY04	01OCT03A	256*	30SEP04A			LOE	685,961.70	685,961.70
810.002E	Project Management Office PPPL FY04 ECP24	01OCT03A	256*	30SEP04A			LOE	146,000.00	146,000.00
810.003	Project Management Office PPPL FY05	01OCT04A	251*	30SEP05A			LOE	696,116.95	696,116.95
810.001	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A			100	387,340.00	387,340.00
FY05CV-41	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-3,000.00	-3,000.00
810.004	Project Management Office PPPL FY06	03OCT05A	249*	29SEP06A			LOE	634,642.72	634,642.72
810.005	Project Management OfficePPPL FY07	02OCT06*	249*	28SEP07		500		0.00	640,879.96
810.900	Project Management Office PPPL FY08	01OCT07*	250*	30SEP08		250		0.00	554,496.26
810.909	Project Management Office PPPL FY09	01OCT08*	163*	29MAY09		87		0.00	84,463.70
Job: 8102 - NCSX MIE Management ORNL-LYON									
Prior Costs									
810.101	Apr-Sept MIE Cost ORNL	01APR03A	129*	30SEP03A			100	58,600.00	58,600.00
810.102	Project Management Office ORNL FY04	01OCT03A	256*	30SEP04A			LOE	88,000.00	88,000.00
810.103	Project Management Office ORNL FY05	01OCT04A	251*	30SEP05A			LOE	95,368.98	95,368.98
FY05CV-42	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				13,000.00	13,000.00



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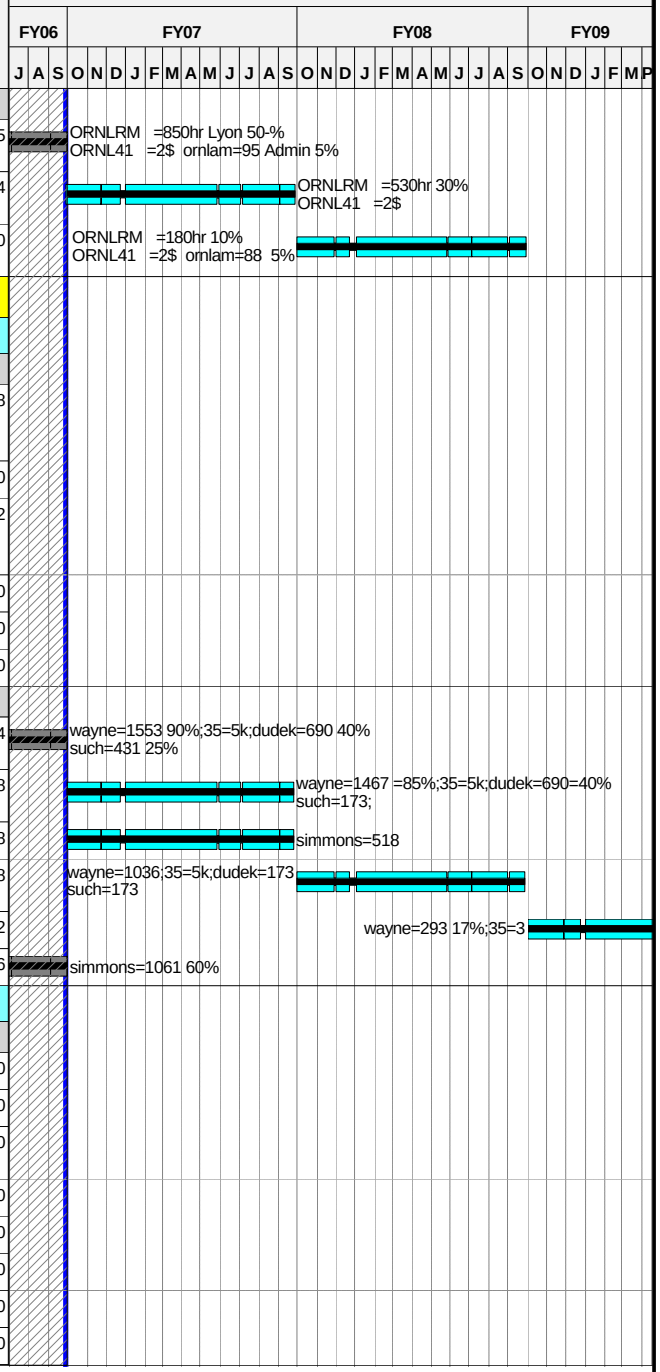
810.104	Project Management Office ORNL FY06	01OCT05A	249*	29SEP06A			LOE	173,610.65	173,610.65
810.104X	Project Management Office ORNL FY07	29SEP06	250*	28SEP07		500		0.00	66,144.74
810.105X	Project Management Office ORNL FY08	02OCT07*	248*	29SEP08		251		0.00	36,664.00
82 - Project Engineering									
Job: 8202 - Engr Mgmt & Sys Eng Support-REIERSEN									
Prior Costs									
820.002	LOE FY04	01OCT03A	256*	30SEP04A			LOE	601,555.68	601,555.68
8202-ECP16	ecp16	01OCT03A	256*	30SEP04A			LOE	68,000.00	68,000.00
820.003	Proj engr FY05	01OCT04A	251*	30SEP05A			LOE	469,631.02	469,631.02
8205FY05	System Engr Support FY05	01OCT04A	251*	30SEP05A			LOE	199,622.00	199,622.00
820.110	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A			100	295,530.00	295,530.00
FY05CV-44	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-19,000.00	-19,000.00
820.004	Proj engr FY06	03OCT05A	249*	29SEP06A			LOE	440,965.54	440,965.54
820.04X	Proj engr FY07	02OCT06*	246*	25SEP07		503		0.00	407,962.88
8205FY07	Systems Engineering Support FY07	02OCT06*	246*	25SEP07		503		0.00	92,131.48
820.004Z	Proj engr FY08	02OCT07*	246*	25SEP08		253		0.00	245,966.08
820.005	Proj engr FY09	01OCT08*	163*	29MAY09		87		0.00	62,798.72
8205FY06	Systems Engineering Support FY06	03OCT05A	249*	29SEP06A			LOE	184,677.66	184,677.66
Job: 8203 - Design Integration-BROWN									
Prior Costs									
820.200	LOE FY04	01OCT03A	256*	30SEP04A			LOE	247,570.20	247,570.20
8203-ECP16	ecp16	01OCT03A	256*	30SEP04A			LOE	125,000.00	125,000.00
8203FY05	Design Integration FY05 LOE	01OCT04A	251*	30SEP05A				171,028.50	171,028.50
8203-01	General Design Integration	01OCT04A	251*	30SEP05A			LOE	0.00	0.00
8203-02	Suprt interface aux sys dev&coolant/lead routing	01OCT04A	251*	30SEP05A			LOE	0.00	0.00
8203-03	Develop /maintain Pro/E model of NCSX facility	01OCT04A	251*	30SEP05A			LOE	0.00	0.00
8203-04	Support metrology efforts	01OCT04A	251*	30SEP05A			LOE	0.00	0.00
820.150	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A			100	178,750.00	178,750.00



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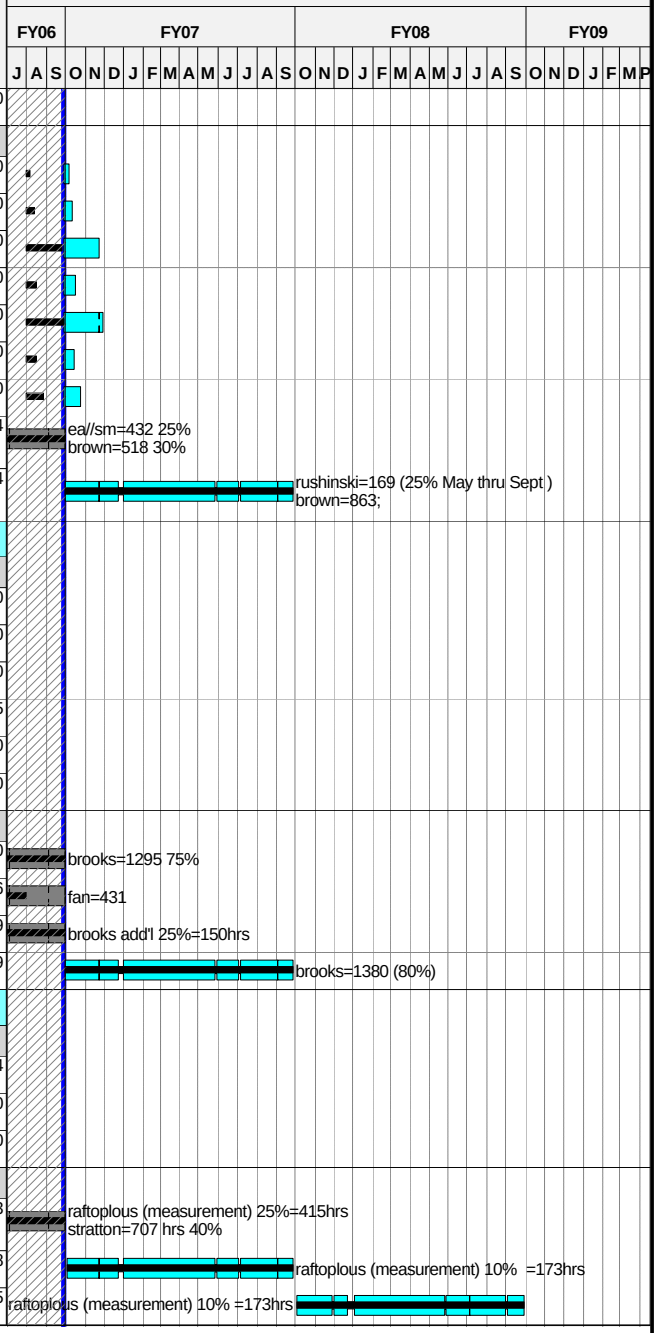
FY05CV-45	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-36,000.00	-36,000.00
8203-06	Complt rvw of machine assembly approach	29SEP06*	4	04OCT06		746		0.00	0.00
8203-07	Rvw cryostat & conventional magnet sys design	29SEP06*	9	11OCT06		741		0.00	0.00
8203-08	tollerance reqmnts for MCsuprt install fixt dwgs	29SEP06*	39	22NOV06		711		0.00	0.00
8203-09	Machine suprt dsn f/compatibility with assy reqt	29SEP06*	12	16OCT06		738		0.00	0.00
8203-10	Dynamic simul MC half period install fixt w/ Pro	29SEP06*	42	29NOV06		708		0.00	0.00
8203-11	Document NCSX Interlink& dwg control process	29SEP06*	11	13OCT06		739		0.00	0.00
8203-12	Update definition VV spool piece assy simul	29SEP06*	19	25OCT06		731		0.00	0.00
8203FY06	Design Integration FY06	03OCT05A	249*	29SEP06A			LOE	140,201.64	140,201.64
8203FY07	Design Integration FY07	02OCT06*	249*	28SEP07		500		0.00	183,608.44
Job: 8204 - Systems Analysis-BROOKS									
Prior Costs									
820.174	LOE FY04	01OCT03A	172*	30SEP04A			LOE	133,179.00	133,179.00
8204.01	Assess magnetic material in test cell	02FEB04A	85*	28MAY04A			100	37,080.00	37,080.00
8204.02	Model effects local high MU regions on MCWF	01MAY04A	29	28MAY04A			100	18,540.00	18,540.00
8204FY05	Systems Analysis FY05	01OCT04A	251*	30SEP05A			LOE	256,633.25	256,633.25
820.173	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A			100	44,620.00	44,620.00
FY05CV-46	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				9,000.00	9,000.00
8204FY06	Systems Analysis FY06	03OCT05A	249*	29SEP06A			LOE	225,407.70	225,407.70
8204FY06.1	Systems Analysis FY06	01MAY06A	106*	29SEP06A			LOE	75,019.86	75,019.86
8204FY06.2	Systems Analysis FY06	01MAY06A	107*	29SEP06A			LOE	26,074.19	26,074.19
8204FY07	Systems Analysis FY07	02OCT06*	249*	28SEP07		500	LOE	0.00	245,589.09
Job: 8205 - Dimensional Control Coordination									
Prior Costs									
METFY05	Dimensional control FY05 ECP24	01FEB05A	172*	30SEP05A			LOE	96,648.84	96,648.84
740.135	Gary Puhl subcontract for metrology support	30SEP05A	77	30SEP05A				12,810.00	12,810.00
FY05CV-47	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-20,000.00	-20,000.00
METFY06R	Metrology for FP & machine assy FY06	03OCT05A	249*	29SEP06A			LOE	189,307.03	189,307.03
METFY07R	Metrology for FP & machine assy FY07	03OCT06*	248*	28SEP07		500		0.00	30,769.78
METFY08R	Metrology for FP & machine assy FY08	03OCT07*	247*	29SEP08		251		0.00	31,598.45



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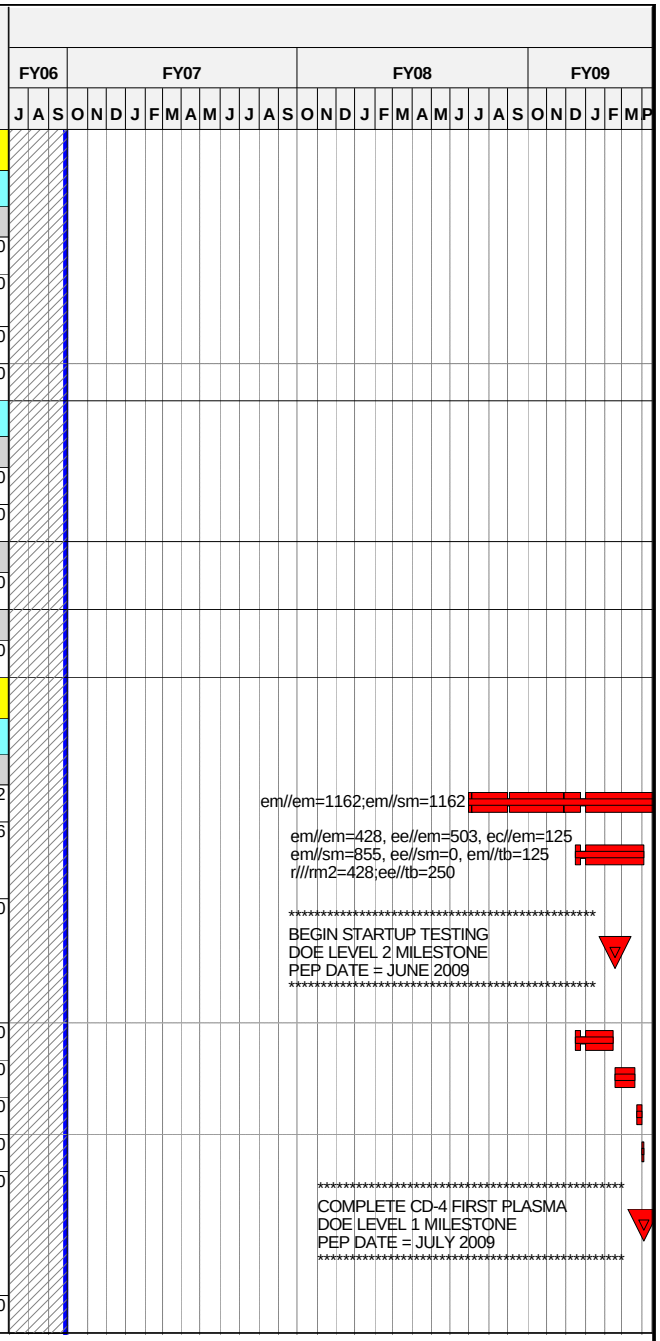
84 - Project Physics									
Job: 8401 - Project Physcis-ZARNSTORFF									
Prior Costs									
840.201	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A			100	210,270.00	210,270.00
840.202	Project Physics/Engr Analysis FY04	01OCT03A	256*	30SEP04A			LOE	99,806.20	99,806.20
840.203	Closeout cost FY04 ECP-21	01OCT03A	256*	30SEP04A			LOE	14,000.00	14,000.00
FY06CV-235	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	530.00	530.00
Job: 8402 - Project Physics MIE ORNL-LYON									
FY04 Actual Cost									
840.302	Project Physics/Engr Analysis FY04	01OCT03A	256*	30SEP04A			LOE	60,876.00	60,876.00
840.303	Closeout cost FY04 ECP-21	01OCT03A	256*	30SEP04A			LOE	44,000.00	44,000.00
Prior Costs									
840.301	Apr-Sept MIE Cost ORNL	01APR03A	152*	30SEP03A			100	40,980.00	40,980.00
FY06CV-240	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	610.00	610.00
85 - Integrated Systems Testing									
Job: 8501 - Integrated Systems Testing									
920.001	Procedure and Document Preparation	30JUN08	250	30JUN09		65		0.00	386,350.82
920.000	Startup Personnel	16DEC08	72	03APR09		83		0.00	435,467.96
920.004	Begin Start-up Testing	16FEB09	0			83		0.00	0.00
920.005	Punch list,Cmplt PTP's,Reconfig, Rm temp Hi-pot	16DEC08	37	13FEB09		83		0.00	0.00
920.010	Field Coil Testsing,FCPC test & E-Beam Mapping	16FEB09	25	20MAR09		83		0.00	0.00
920.020	Final ISTP	23MAR09	7	31MAR09		83		0.00	0.00
920.021	Operations Approval	01APR09	3	03APR09		83		0.00	0.00
730.9000	First Plasma		0	03APR09		83		0.00	0.00
M-0120	CD-4 First Plasma		0	31JUL09*		0		0.00	0.00



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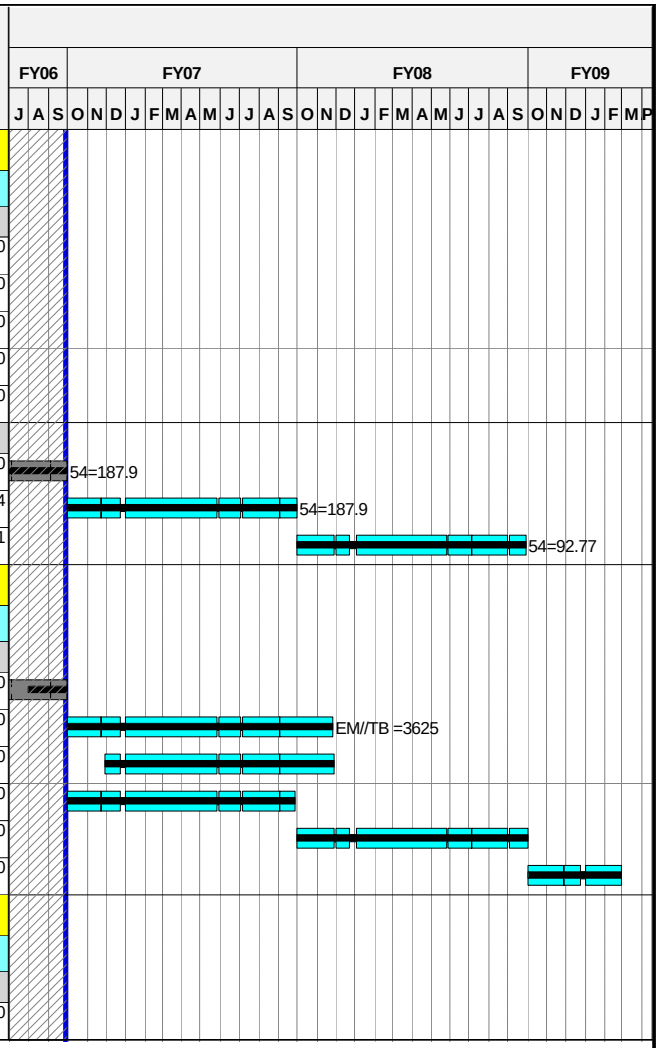
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-xx
PPPL Allocations									
Job: 8998 - Allocations									
Prior Costs									
99.03	Apr-Sept MIE Cost PPPL	01APR03A	*128**	30SEP03A			***100***	112,000.00	112,000.00
99.04	PPPL Allocations FY04	01OCT03A	*256**	30SEP04A			***LOE***	260,691.00	260,691.00
99.05	PPPL Allocations FY05	20OCT04A	*251**	30SEP05A			***LOE***	302,697.00	302,697.00
99.05P	PPPL Allocations FY05 rebaeline re-estimate	01OCT04A	*251**	30SEP05A			***LOE***	48,151.80	48,151.80
FY05CV-43	FY05 unrecoverable cost variance	01OCT04A	*251*	30SEP05A				56,000.00	56,000.00
99.06	PPPL Allocations FY06	03OCT05A	*249**	29SEP06A			***LOE***	329,764.50	329,764.50
99.07	PPPL Allocations FY07	02OCT06*	*250**	01OCT07		***499***		0.00	332,787.44
99.08	PPPL Allocations FY08	01OCT07*	*249**	29SEP08		***251***		0.00	166,336.61
Contingency									
Contingency-Project									
FY06CV	Contingency setaside est. for FY06 cv ($1,720k)	03OCT05A	*1**	29SEP06A				1,720,000.00	1,720,000.00
1451ETC-2	1451 add'l (estimate at 90% cpi factor)	02OCT06*	*290**	26NOV07		***459***		0.00	302,820.50
1451RISK	ecp50 winding risk setaside	29NOV06*	*252*	28NOV07		***457***		0.00	432,557.90
99.107	Contingency FY07	02OCT06*	*249**	28SEP07		***500***		0.00	1,840,265.00
99.108	Contingency FY08	01OCT07*	*250**	30SEP08		***250***		0.00	2,406,840.00
99.109	Contingency FY09	01OCT08*	*99**	27FEB09		***151***		0.00	132,252.00
DCMA									
DCMAFY04	DCMA	01OCT03A	*256**	30SEP04A				75,000.00	75,000.00



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4	orn plan
5	tot plan
6	..
7	continge
8	gor
15	fan

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