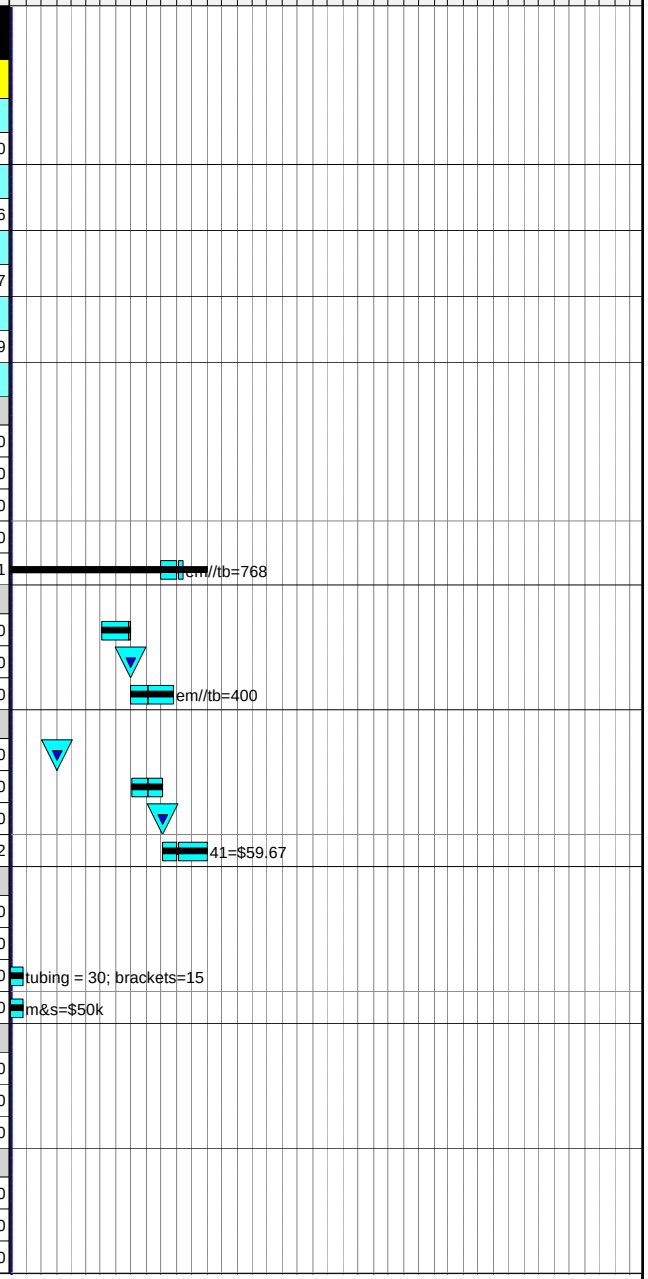
cc 9450 - NCSX Fabrication (MIE)

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-52	ECP-50
12 - Vacuum Vessel Systems										
+ Job: 1201 - Vacuum Vessel Prelim Dsn-CLOSED****										
		01APR03A	133	07OCT03A			100	424,420.00	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	1,770,181.86
+ Job: 1206 - VV Field Weld Joint R&D-CLOSED****										
		29APR04A	359	30SEP05A			100	15,639.37	15,639.37	15,639.37
+ Job: 1203 - Vacuum Vessel Final DsnCLOSED****										
		01OCT03A	736	31AUG06A			100	1,217,839.08	1,217,839.08	1,247,633.69
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	0.00
124-037A	Bid award Titanium Rod ends (PE6383)	01DEC05A	45	22DEC05A				0.00	0.00	0.00
124-037B	Deliver Titanium Rod ends (PE6383)	22DEC05A	86*	28APR06A				0.00	0.00	0.00
124-037C	Deliver Misc hardware (PE 006209)	31MAR06A	60	31MAR06A				0.00	0.00	0.00
124-037	PPPL Fab VV Vert. Supports (log # M1091)	01DEC05A	197*	14SEP07		133	50	31,383.99	62,767.98	63,299.31
VV Lateral Supports										
124-030L	SPEA VV Lateral Supports WBS 124	02APR07*	43	31MAY07		147		0.00	0.00	0.00
124-036.9L	Award VV Lateral Supports WBS 124		0	31MAY07*		147		0.00	0.00	0.00
124-037L	VV Lateral Supports Fab by PPPL WBS 124	01JUN07	60	24AUG07		147		0.00	33,288.00	33,288.00
VV Personnel Access Port										
124-100	Issue req & dwg package NB port cover	02JAN07*	0			220		0.00	0.00	0.00
124-110	SPEA VV NB port cover	04JUN07*	43	02AUG07		112		0.00	0.00	0.00
124-120	Award VV NB port cover		0	02AUG07		112		0.00	0.00	0.00
124-130	VV NB port cover Fabrication (for 3 inconnel	03AUG07	65	02NOV07		112		0.00	83,836.35	73,924.32
VV Heating/Cooling Tubing										
123-030	Issue RFQ & Select Vendor VV H/C Tubing WBS 123	31MAY06A	20	31MAY06A				0.00	0.00	0.00
123-036.9	Award H/C Tubing WBS 123		0	31JUL06A				0.00	0.00	0.00
123-037	Fabricate and Deliver H/C Tubing WBS 123	02OCT06*	20	27OCT06		240		0.00	61,695.00	61,695.00
123-037X	Fabricate and Deliver Saddle/clamp hardware	02OCT06*	20	27OCT06		729		0.00	68,550.00	0.00
VV Heater Tape										
122-012B	Issue RFQ &Select Vendor for Heater Tape	31MAY06A	20	31MAY06A			100	0.00	0.00	0.00
122-012C	Award Heater Tape		0	31MAY06A			100	0.00	0.00	0.00
122-012D	Fabricate and Deliver Heater Tape	31MAY06A	20	31MAY06A			100	16,452.00	16,452.00	16,452.00
VV H/C Manifolds & Headers										
123-130.0	Issue Proc Pkg for VV H/C Manifolds WBS 123	03JAN06A	0				100	0.00	0.00	0.00
123-130	Issue RFQ &Select Vendor VV H/C Manifold WBS	04JAN06A	40	11JAN06A			100	0.00	0.00	0.00
123-136.9	Award H/C Manifolds WBS 123 (PE006419)		0	11JAN06A			100	0.00	0.00	0.00



Run Date 20OCT06 09:19

Forecast
z0608
Progress Bar
Critical Activity

EC52

NCSX
ECP-52
10/20/06 am

Progress Through September 30st 2006

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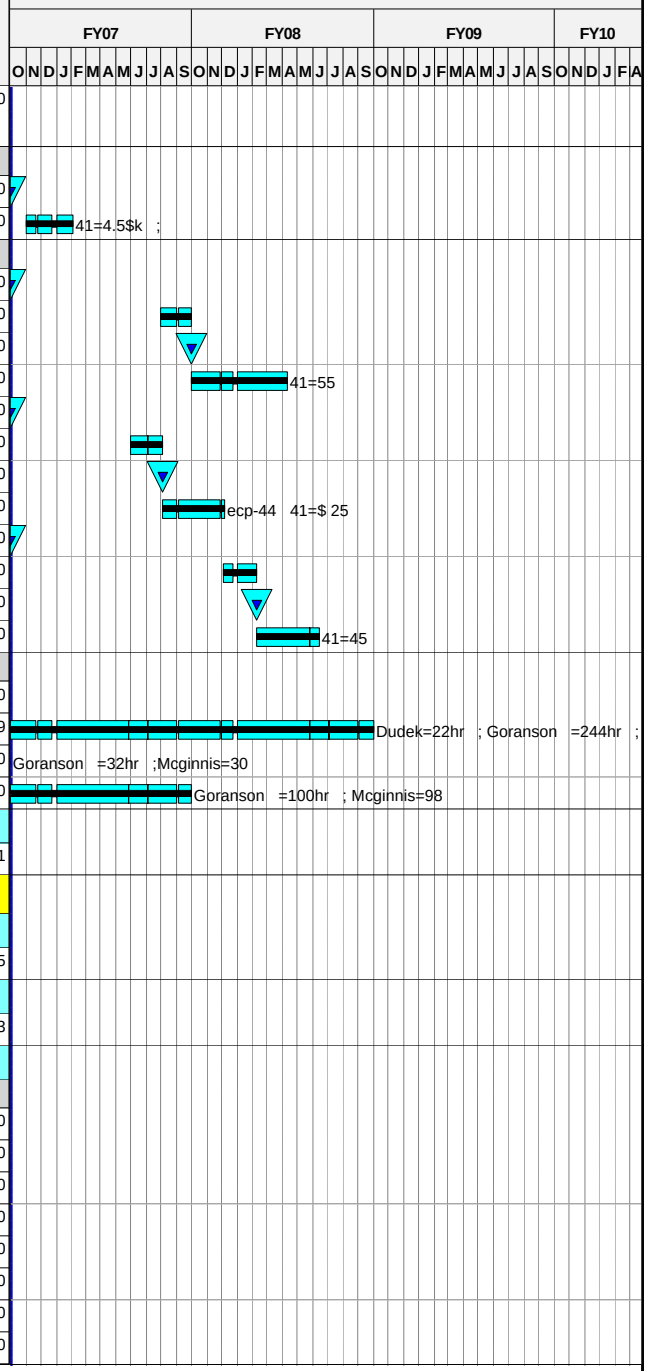
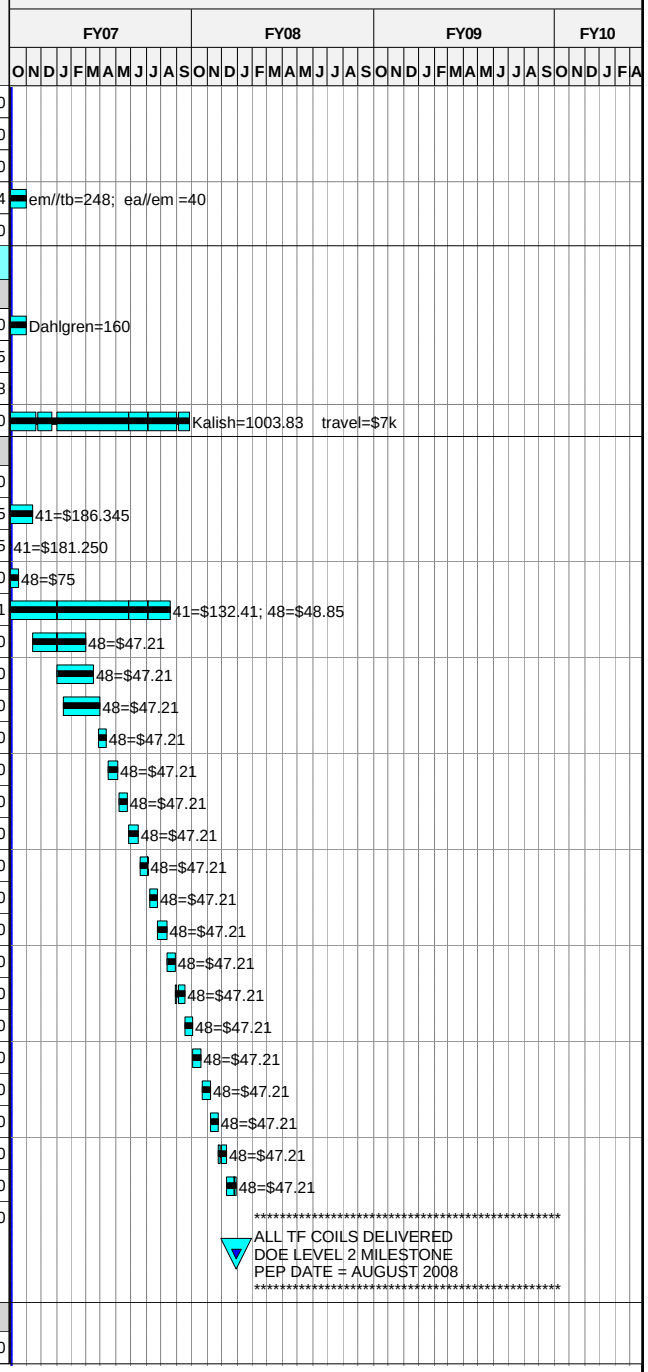
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
123-137	Fabricate and Deliver H/C ManifoldsWBS 123	03APR06A	42*	31MAY06A			100	65,808.00	65,808.00	65,808.00
VV Local I&C										
125-036	Issue Procurement Package Local I&C WBS 125	29SEP06*	0			230		0.00	0.00	0.00
125-037	Issue req, Award & fab local I&C WBS 125	01NOV06*	60	02FEB07		207		0.00	6,169.50	3,290.40
Thermal Insulation										
123-035	Issue Proc Pkg for insulation boots WBS 122	29SEP06*	0			413		0.00	0.00	0.00
123-040	Issue RFQ & Select Vendor insul boots WBS 122	01AUG07*	43	01OCT07		205		0.00	0.00	0.00
123-045	Award Insulation Boots WBS 122		0	01OCT07		205		0.00	0.00	0.00
123-050	Fabricate& Deliver Insul Boots WBS 122	02OCT07	130	11APR08		205		0.00	77,275.00	75,405.00
122-040	Prep spec and req Port Thermal Insulation	29SEP06*	0			285		0.00	0.00	0.00
122-035	SPEA Port Thermal Insulation	01JUN07*	43	01AUG07		119		0.00	0.00	0.00
122-041	Award Port Thermal Insulation		0	01AUG07		119		0.00	0.00	0.00
122-051	Deliver Port Thermal Insulation	02AUG07	89	07DEC07		119		0.00	34,733.43	34,275.00
122-030.0	Prep spec and req Pourable Insulation	29SEP06*	0			459		0.00	0.00	0.00
122-030	SPEA Pourable Insulation	03DEC07*	43	08FEB08		166		0.00	0.00	0.00
122-036.9	Award Pourable Insulation		0	08FEB08		166		0.00	0.00	0.00
122-037	Deliver Pourable Insulation	11FEB08	89	13JUN08		166		0.00	63,225.00	63,225.00
1204-901.5	ECP45 FY06 cv	01OCT05A	43	31MAR06A			LOE	62,500.00	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	46,311.29
122-032	Title III engr WBS 12 non vvsa ORNL FY06	01FEB06A	170*	29SEP06A				10,459.40	10,459.40	0.00
122-033	Title III engr WBS 12 non vvsa ORNL FY07	02OCT06*	249*	28SEP07		500		0.00	34,036.20	0.00
+ Job: 1250 - Vacuum Vessel FabricationCLOSED****										
		21MAY04A	586	21SEP06A				5,808,603.01	5,808,603.01	5,682,603.01
13 - Conventional Coils										
+ Job: 1301 - TF Design-KALISHCLOSED****										
		01APR03A	778	28APR06A				970,652.65	970,652.65	938,652.65
+ Job: 1350 TF Coil Fab Prep-CHRZANOWSKICLOSED****										
		01OCT04A	373	31MAR06A				547,015.03	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	14,000.00
1301FD-72	TF Conductor Procurement Package approved	31MAY05A	5	31MAY05A			100	0.00	0.00	0.00
1301FD-74	Prepare & issue TF Conductor RFP	31MAY05A	23*	03JUN05A			100	0.00	0.00	0.00
1301FD-76	Evaluate bids and award TF conductor	06JUN05A	0*	30JUN05A			100	0.00	0.00	0.00
1301FD-77	Award TF conductor		0	30JUN05A			100	0.00	0.00	0.00
1301FD-78	TF Wedge Plate procurement package approved	29JUL05A	5	29JUL05A			100	0.00	0.00	0.00
1301FD-80	Prepare and Issue TF Wedge Plate RFP	12AUG05A	5	18AUG05A			100	0.00	0.00	0.00
1351-529	Coil Supplies- Deliver Copper Conductor(PE005935	01JUL05A	123*	23DEC05A			100	133,864.50	133,864.50	133,864.50



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-52	ECP-50
1351-531	Coil Supplies- G-11 fillers (PE006162)	03JAN06A	29*	31JAN06A			100	89,115.00	89,115.00	89,115.00
1351-533	Lead spur material	03SEP05A	206*	31MAR06A			100	32,025.00	32,025.00	32,025.00
1351-525	Coil Supplies- Insulation (PE6299)	03JAN06A	128*	30JUN06A			100	109,680.00	109,680.00	109,680.00
1351-534	PPPL Fabricate Lead Spurs (M1319)	01MAY06A	110*	31OCT06		727	68	18,549.18	27,278.21	26,996.64
13ECP44-05	ECP45 FY06 cv	03OCT05A	2	31MAR06A				63,960.00	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	27,123.30
131-031	Title III engr	10OCT05A	182*	28APR06A			LOE	50,809.85	50,809.85	50,809.85
131-032	Title III engr	01MAY06A	354*	29SEP06A			LOE	79,774.72	79,774.72	270,712.38
131-033	Title III engr	29SEP06	248*	26SEP07		502	LOE	0.00	190,922.37	0.00
TF Fabrication Contract										
1361C-001	Contract Awarded	28APR06A	0					0.00	0.00	0.00
1361C-005	Tooling	28APR06A	143*	14NOV06		742	LOE	205,666.11	255,485.85	255,485.85
1361C-007	Wedge Material (1)	29SEP06A	43	29SEP06A			0	248,493.75	248,493.75	248,493.75
1361C-009	Tooling (Climax)	02OCT06*	11*	16OCT06		763		0.00	75,000.00	75,000.00
1361C-010	Wedge Material (2)	29SEP06*	228	17AUG07		547	0	0.00	230,384.11	230,384.11
1361C-101	Fab, Test & Deliver Coil #1	14NOV06	76*	28FEB07		643		0.00	47,210.00	47,210.00
1361C-102	Fab, Test & Deliver Coil #2	02JAN07	54*	16MAR07		280		0.00	47,210.00	47,210.00
1361C-103	Fab, Test & Deliver Coil #3	15JAN07	55*	30MAR07		270		0.00	47,210.00	47,210.00
1361C-104	Fab, Test & Deliver Coil #4	26MAR07	15	13APR07*		188		0.00	47,210.00	47,210.00
1361C-105	Fab, Test & Deliver Coil #5	16APR07*	15	04MAY07		188		0.00	47,210.00	47,210.00
1361C-106	Fab, Test & Deliver Coil #6	07MAY07*	15	25MAY07		188		0.00	47,210.00	47,210.00
1361C-107	Fab, Test & Deliver Coil #7	29MAY07*	14	15JUN07		188		0.00	47,210.00	47,210.00
1361C-108	Fab, Test & Deliver Coil #8	18JUN07*	14	06JUL07		188		0.00	47,210.00	47,210.00
1361C-109	Fab, Test & Deliver Coil #9	09JUL07*	13	25JUL07		188		0.00	47,210.00	47,210.00
1361C-110	Fab, Test & Deliver Coil #10	26JUL07*	13	13AUG07		188		0.00	47,210.00	47,210.00
1361C-111	Fab, Test & Deliver Coil #11	14AUG07*	12	29AUG07		188		0.00	47,210.00	47,210.00
1361C-112	Fab, Test & Deliver Coil #12	30AUG07*	12	17SEP07		188		0.00	47,210.00	47,210.00
1361C-113	Fab, Test & Deliver Coil #13	18SEP07*	12	03OCT07		188		0.00	47,210.00	47,210.00
1361C-114	Fab, Test & Deliver Coil #14	04OCT07*	12	19OCT07		188		0.00	47,210.00	47,210.00
1361C-115	Fab, Test & Deliver Coil #15	22OCT07*	12	06NOV07		188		0.00	47,220.00	47,220.00
1361C-116	Fab, Test & Deliver Coil #16	07NOV07*	12	22NOV07		188		0.00	47,220.00	47,220.00
1361C-117	Fab, Test & Deliver Coil #17	23NOV07*	12	11DEC07		188		0.00	47,220.00	47,220.00
1361C-118	Fab, Test & Deliver Coil #18	12DEC07*	12	28DEC07		188		0.00	47,220.00	47,220.00
1351-195X	ALL TF COILS DELIVERED		0	28DEC07		188		0.00	0.00	0.00
TF Fabrication (Everson internal schedule)										
ET-01	PO Award	01MAY06A	1	01MAY06A			100	0.00	0.00	0.00



Run Date 20OCT06 09:19

Forecast
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Progress Bar
Critical Activity

EC52

NCSX
ECP-52
10/20/06 am

Progress Through September 30st 2006

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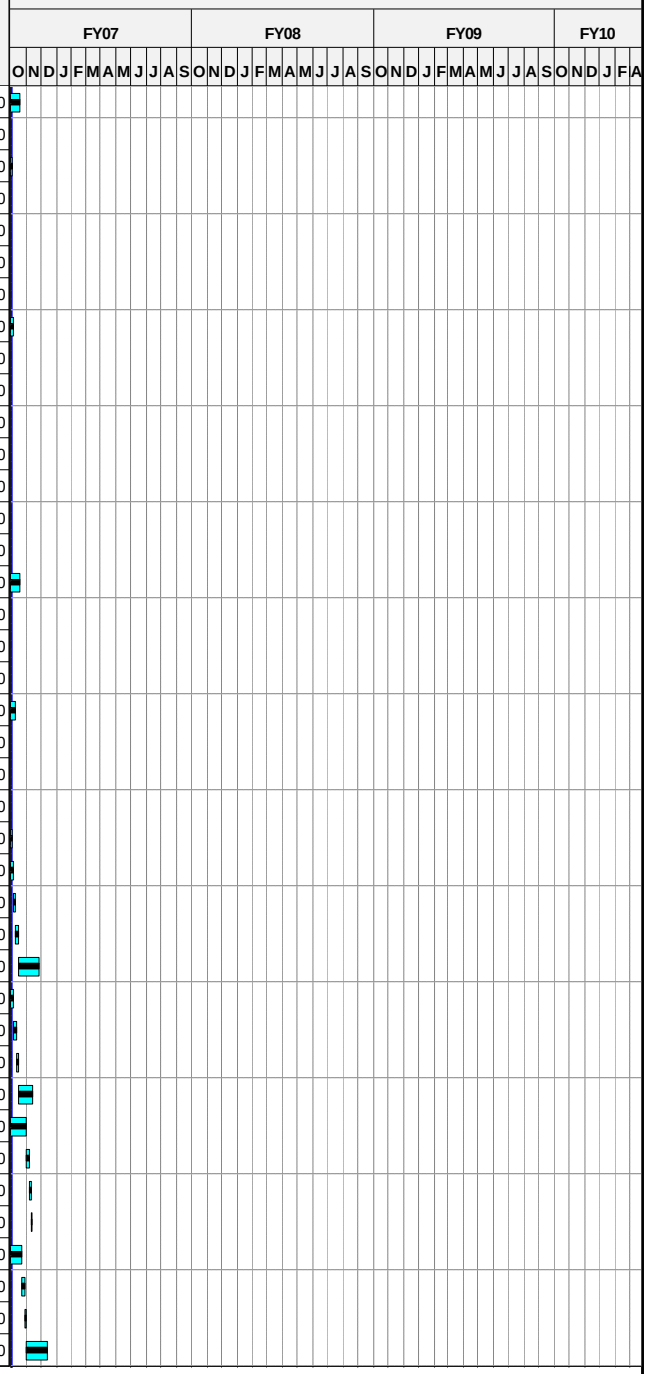
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
ET-02	Bending Test Program	22MAY06A	110*	20OCT06		759		0.00	0.00	0.00
ET-03	Wedge Design Development	02MAY06A	25	05JUN06A			100	0.00	0.00	0.00
ET-04	Wedge Programming & Inspection	29SEP06*	2*	02OCT06		773		0.00	0.00	0.00
ET-05	Brazing Fixture Design	26JUN06A	15	14JUL06A			100	0.00	0.00	0.00
ET-06	Brazing Fixture Review	17JUL06A	5	21JUL06A			100	0.00	0.00	0.00
ET-07	Brazing Fixture Finalize	24JUL06A	4	27JUL06A			100	0.00	0.00	0.00
ET-08	Brazing Fixture Procurement	28JUL06A	45	01SEP06A			100	0.00	0.00	0.00
ET-09	Brazing Head Procurement& fab	17JUL06A	59*	05OCT06		770	75	0.00	0.00	0.00
ET-10	Winding Fixture Design	26JUN06A	10	07JUL06A			100	0.00	0.00	0.00
ET-11	Winding Fixture Review	10JUL06A	5	14JUL06A			100	0.00	0.00	0.00
ET-12	Winding Fixture Finalize	17JUL06A	3	19JUL06A			100	0.00	0.00	0.00
ET-13	Winding Fixture Procurement	20JUL06A	51*	20SEP06A			100	0.00	0.00	0.00
ET-14	Mold Fixture Design	26JUN06A	10	07JUL06A			100	0.00	0.00	0.00
ET-15	Mold Fixture Review	10JUL06A	5	14JUL06A			100	0.00	0.00	0.00
ET-16	Mold Fixture Finalize	17JUL06A	3	19JUL06A			100	0.00	0.00	0.00
ET-17	Mold Fixture Procurement	20JUL06A	65*	18OCT06		761	50	0.00	0.00	0.00
ET-18	Lifting Fixture Design	26JUN06A	10	07JUL06A			100	0.00	0.00	0.00
ET-19	Lifting Fixture Review	10JUL06A	5	14JUL06A			100	0.00	0.00	0.00
ET-20	Lifting Fixture Finalize	17JUL06A	3	19JUL06A			100	0.00	0.00	0.00
ET-21	Lifting Fixture fab	20JUL06A	59*	10OCT06		767	60	0.00	0.00	0.00
ET-22	Offset Fixture Design	14AUG06A	10	25AUG06A			100	0.00	0.00	0.00
ET-23	Offset Fixture Review	28AUG06A	5	01SEP06A			100	0.00	0.00	0.00
ET-24	Offset Fixture Finalize	04SEP06A	0*	08SEP06A			100	0.00	0.00	0.00
ET-25	Offset Fixture Procurement	11SEP06A	16*	02OCT06		773	75	0.00	0.00	0.00
ET-26	Wedge Milling Fixture Design	29SEP06	5*	05OCT06		732		0.00	0.00	0.00
ET-27	Wedge Milling Fixture Review	06OCT06	4	11OCT06		732		0.00	0.00	0.00
ET-28	Wedge Milling Fixture Finalize	12OCT06	4	17OCT06		732		0.00	0.00	0.00
ET-29	Wedge Milling Fixture Procurement	18OCT06	30	28NOV06		732		0.00	0.00	0.00
ET-30	Wedge Milling Inspection Fixture Design	29SEP06*	5*	05OCT06		741		0.00	0.00	0.00
ET-31	Wedge Milling Inspection Fixture Review	06OCT06	5	12OCT06		741		0.00	0.00	0.00
ET-32	Wedge Milling Inspection Fixture Finalize	13OCT06	3	17OCT06		741		0.00	0.00	0.00
ET-33	Wedge Milling Inspection Fixture Procure	18OCT06	21	15NOV06		741		0.00	0.00	0.00
ET-34	Shipping Fixture Design	25SEP06A	27*	31OCT06		744	25	0.00	0.00	0.00
ET-35	Shipping Fixture Review	01NOV06	5	07NOV06		744		0.00	0.00	0.00
ET-36	Shipping Fixture Finalize	08NOV06	3	10NOV06		744		0.00	0.00	0.00
ET-37	Shipping Fixture Procurement	13NOV06	0*	10NOV06		744		0.00	0.00	0.00
ET-38	Shipping Container Design	18SEP06A	26*	23OCT06		720	25	0.00	0.00	0.00
ET-39	Shipping Container Review	24OCT06	5	30OCT06		720		0.00	0.00	0.00
ET-40	Shipping Container Finalize	31OCT06	3	02NOV06		720		0.00	0.00	0.00
ET-41	Shipping Container Procurement	03NOV06	30	14DEC06		720		0.00	0.00	0.00



Run Date 20OCT06 09:19

Forecast
z0608
Progress Bar
Critical Activity

EC52

NCSX
ECP-52
10/20/06 am

Progress Through September 30st 2006

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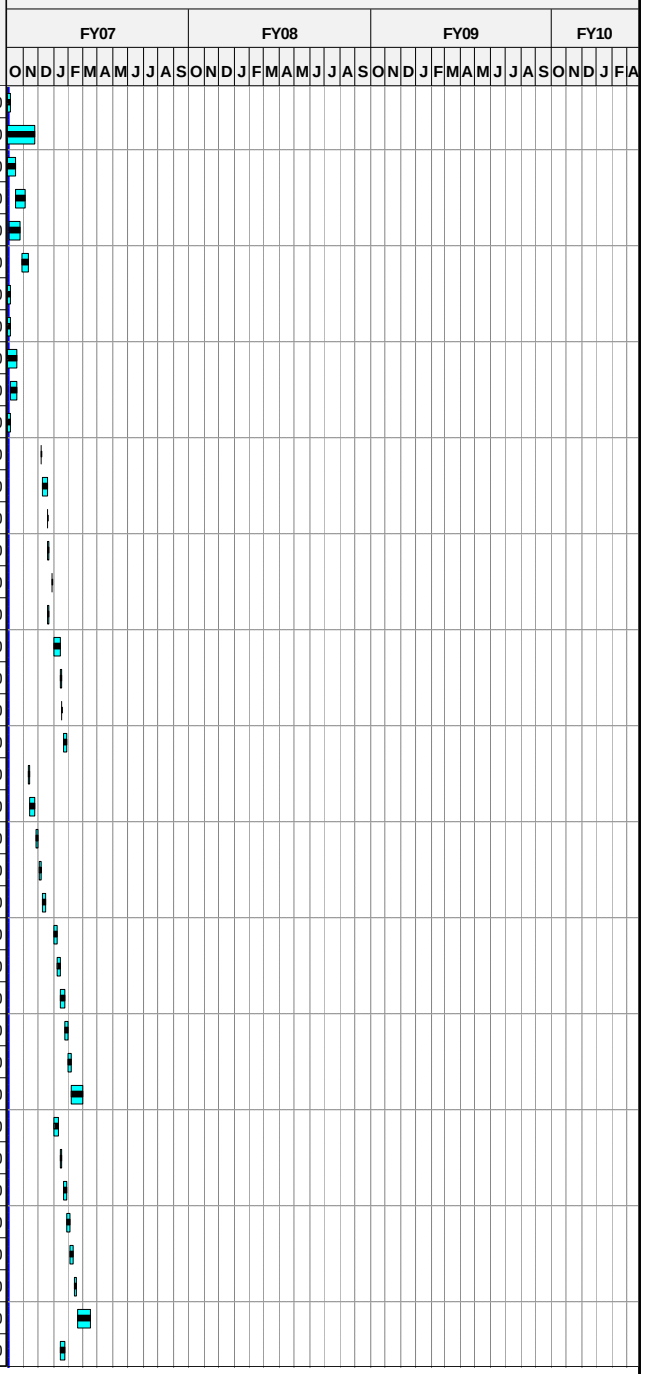
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
ET-42	Procure raw materials	11SEP06A	20*	06OCT06		769	50	0.00	0.00	0.00
ET-43	Procure wedge batch 1 3 sets	14AUG06A	75*	24NOV06		734	25	0.00	0.00	0.00
ET-44	Develop Brazing Process Spec	21SEP06A	18*	16OCT06		748		0.00	0.00	0.00
ET-45	Brazing Technician Qualification	17OCT06	15	06NOV06		748		0.00	0.00	0.00
ET-46	MPO/Traveler Development	03OCT06*	19*	27OCT06		719		0.00	0.00	0.00
ET-47	MPO PPPL Review & Approval	30OCT06	10	10NOV06		719		0.00	0.00	0.00
ET-48	Clean Room Construction	24JUL06A	55*	06OCT06		769	90	0.00	0.00	0.00
ET-48.1	taping machine modifications	05SEP06A	24*	06OCT06		769	90	0.00	0.00	0.00
ET-48.2	winding line setup	05SEP06A	34*	20OCT06		759	60	0.00	0.00	0.00
ET-50	Test Wind 1 Layer of Conductor	09OCT06*	10*	20OCT06		759		0.00	0.00	0.00
ET-51	SS Casting Ingots	29SEP06*	6*	06OCT06		769		0.00	0.00	0.00
ET-52	1st off pair castings, rough machined OSTERBY	08DEC06*	1	08DEC06		296		0.00	0.00	0.00
ET-53	Final Machining 1st set TESLA	11DEC06	7	19DEC06		296		0.00	0.00	0.00
ET-54	Mechanical Inspection	20DEC06	2	21DEC06		296		0.00	0.00	0.00
ET-55	Measure Permeability, Pack & Ship	22DEC06	1	22DEC06		296		0.00	0.00	0.00
ET-56	Receive Wedges for Coil #1 at everson	29DEC06*	1	29DEC06		292		0.00	0.00	0.00
ET-57	Batch #1 Castings (4), rough machined OSTERBY	22DEC06	1	22DEC06		695		0.00	0.00	0.00
ET-58	Final Machining sets 2&3 TESLA	02JAN07*	10	15JAN07		690		0.00	0.00	0.00
ET-59	Mechanical Inspection	16JAN07	2	17JAN07		690		0.00	0.00	0.00
ET-60	Measure Permeability, Pack & Ship	18JAN07	2	19JAN07		690		0.00	0.00	0.00
ET-61	Receive Wedges for Coil #2 & Coil #3	22JAN07	5	26JAN07		690		0.00	0.00	0.00
ET-62	Start Winding 1st Article Coil	13NOV06	1	13NOV06		719		0.00	0.00	0.00
ET-63	Coil #1 Winding	14NOV06	9	24NOV06		719		0.00	0.00	0.00
ET-64	Coil #1 Ground Insulation	27NOV06	5	01DEC06		719		0.00	0.00	0.00
ET-65	Coil #1 VPI	04DEC06	5	08DEC06		719		0.00	0.00	0.00
ET-66	Coil #1 Cold Test to VPI Coil Only	11DEC06	5	15DEC06		719		0.00	0.00	0.00
ET-67	Coil #1 Wedge-to-Coil VPI	02JAN07*	5	08JAN07		292		0.00	0.00	0.00
ET-68	Coil #1 Wedge Machining	09JAN07	5	15JAN07		292		0.00	0.00	0.00
ET-69	Coil #1 Final Inspection	16JAN07	7	24JAN07		292		0.00	0.00	0.00
ET-70	Coil #1 LN2 Testing	25JAN07	5	31JAN07		292		0.00	0.00	0.00
ET-71	Coil #1 Shipping	01FEB07	3	05FEB07		292		0.00	0.00	0.00
ET-72	1st Article Coil Review	06FEB07	17*	28FEB07		292		0.00	0.00	0.00
ET-73	Coil #2 Winding	02JAN07*	9	12JAN07		280		0.00	0.00	0.00
ET-74	Coil #2 Ground Insulation	15JAN07	5	19JAN07		280		0.00	0.00	0.00
ET-75	Coil #2 VPI	22JAN07	5	26JAN07		280		0.00	0.00	0.00
ET-76	Coil #2 Wedge-to-Coil VPI	29JAN07	5	02FEB07		280		0.00	0.00	0.00
ET-77	Coil #2 Wedge Machining	05FEB07	5	09FEB07		280		0.00	0.00	0.00
ET-78	Coil #2 Final Inspection	12FEB07	5	16FEB07		280		0.00	0.00	0.00
ET-79	Coil #2 Shipping	19FEB07	20*	16MAR07		280		0.00	0.00	0.00
ET-80	Coil #3 Winding	15JAN07*	7	23JAN07		270		0.00	0.00	0.00



Run Date 20OCT06 09:19

Forecast
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Progress Bar
Critical Activity

EC52

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ECP-52
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Progress Through September 30st 2006

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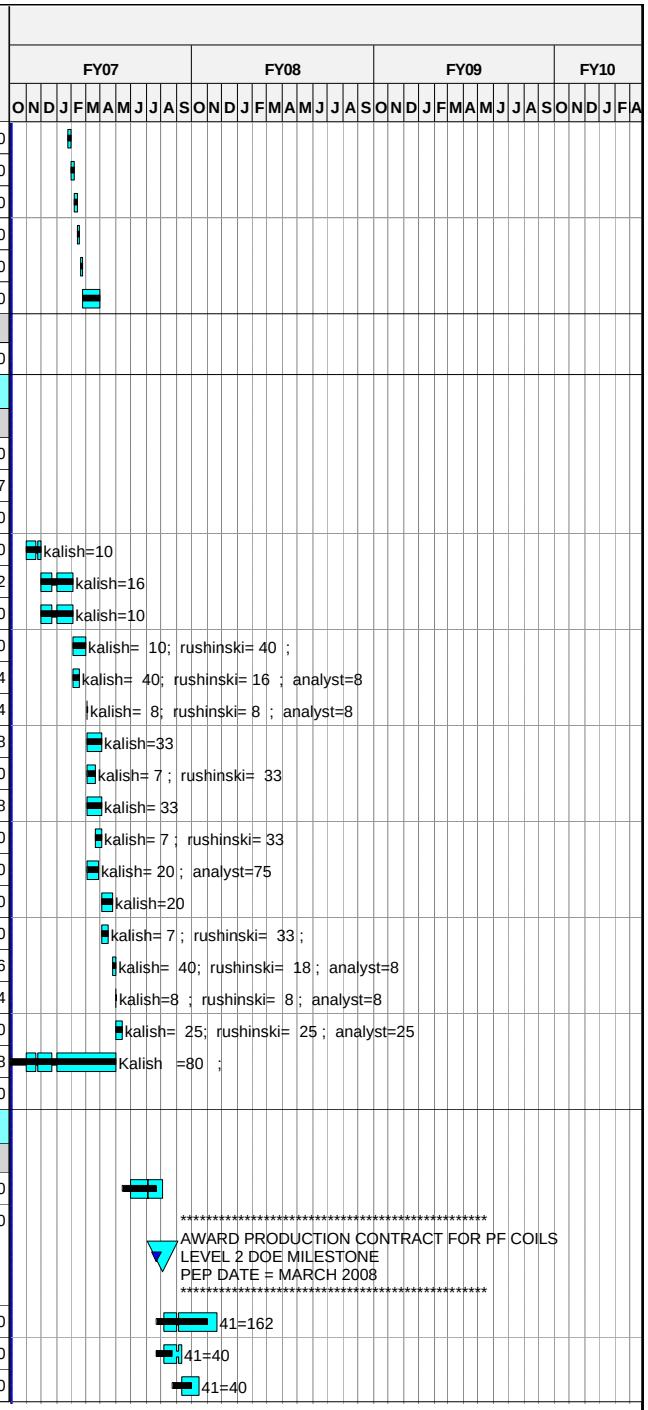
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
ET-81	Coil #3 Ground Insulation	24JAN07	4	29JAN07		270		0.00	0.00	0.00
ET-82	Coil #3 VPI	30JAN07	5	05FEB07		270		0.00	0.00	0.00
ET-83	Coil #3 Wedge-to-Coil VPI	06FEB07	5	12FEB07		270		0.00	0.00	0.00
ET-84	Coil #3 Wedge Machining	13FEB07	4	16FEB07		270		0.00	0.00	0.00
ET-85	Coil #3 Final Inspection	19FEB07	4	22FEB07		270		0.00	0.00	0.00
ET-86	Coil #3 Shipping	23FEB07	26*	30MAR07		270		0.00	0.00	0.00
13ECP44-06	ECP45 FY06 cv	03OCT05A	2	31MAR06A				37,220.00	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	7,601.50
1302-PFX	Start Preliminary Design	01FEB06A	64*	28APR06A			100	13,524.47	13,524.47	13,524.47
13ECP44-02	ECP45 FY06 cv	03OCT05A	2	31MAR06A				-6,900.00	-6,900.00	-6,900.00
1302-200	Complete PF Coil SRD	01NOV06*	20	30NOV06		250		0.00	1,778.60	1,778.60
1302-205	Update PF Analysis	01DEC06	40	02FEB07		250		0.00	14,584.52	14,584.52
1302-210	PF Coil ICD	01DEC06	40	02FEB07		270		0.00	1,778.60	1,778.60
1302-215	Complete PDR PF Dwgs	05FEB07	20	02MAR07		250		0.00	8,893.00	8,893.00
1302-220	Prepare for PDR	05FEB07	10	16FEB07		260		0.00	11,383.04	11,383.04
1302-225	PDR	05MAR07	1	05MAR07		250		0.00	4,268.64	4,268.64
1302-230	Prepare PF Procurement Coil Spec	06MAR07	20	02APR07		250		0.00	5,869.38	5,869.38
1302-235	Detail Drawings PF4	06MAR07	10	19MAR07		255		0.00	7,114.40	7,114.40
1302-240	Disposition PDR Chits	06MAR07	20	02APR07		265		0.00	5,869.38	5,869.38
1302-245	Detail Drawings PF5	20MAR07	10	02APR07		255		0.00	7,114.40	7,114.40
1302-250	PF Stress analysis with leads	06MAR07	15	26MAR07		270		0.00	16,896.70	16,896.70
1302-255	Review PF Coil Procurement Spec	03APR07	15	23APR07		250		0.00	3,557.20	3,557.20
1302-260	Detail Drawings PF6	03APR07	10	16APR07		255		0.00	7,114.40	7,114.40
1302-265	Prepare for FDR	24APR07	5	30APR07		250		0.00	11,738.76	11,738.76
1302-270	PF FDR	01MAY07	1	01MAY07		250		0.00	4,268.64	4,268.64
1302-275	Resolve Chits	02MAY07	10	15MAY07		250		0.00	13,339.50	13,339.50
133-010	Design WBS 134 Conv Coil I&C**ON HOLD UNTIL	01MAR05A	415*	30APR07		317	10	1,375.70	13,756.99	13,608.18
FY05CV-6	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			100	-22,000.00	-22,000.00	-22,000.00
Job: 1352 - PF Coil Procurement-KALISH										
PF Coil Fabrication										
141-035	Bid & Award PF Coils	01JUN07*	45	03AUG07		239		0.00	0.00	0.00
141-036	PF Coils Awarded		0	03AUG07		239		0.00	0.00	0.00
1352-100	Material & leads	06AUG07	75	19NOV07		239		0.00	224,745.84	227,610.00
1352-120	Tooling for PF 6	06AUG07	25	10SEP07		239		0.00	54,840.00	56,200.00
1352-115	Tooling for PF 5	11SEP07	25	15OCT07		239		0.00	55,438.40	56,200.00



Run Date 20OCT06 09:19

Forecast
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Progress Bar
Critical Activity

EC52

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ECP-52
10/20/06 am

Progress Through September 30st 2006

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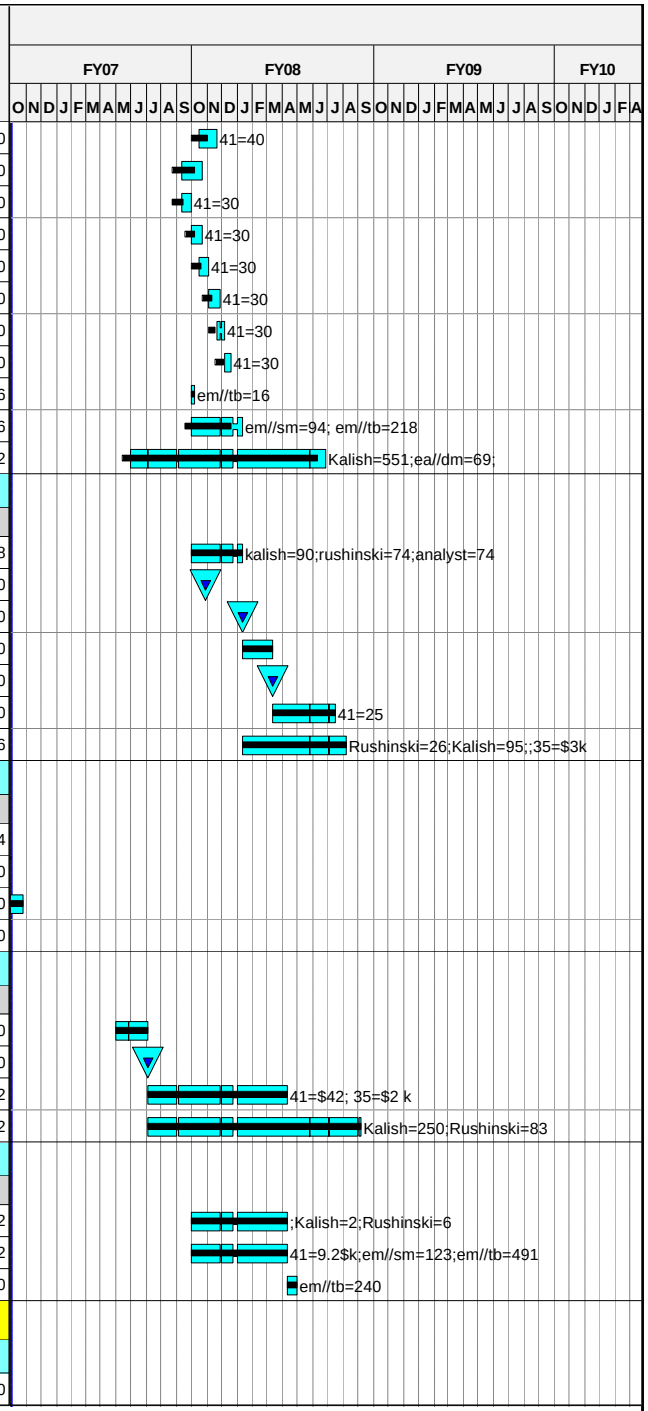
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
1352-110	Tooling for PF 4	16OCT07*	25	19NOV07		239		0.00	56,200.00	56,200.00
1352-105	Tooling for PF 1,2 and 3 NOT REQ"D USE PF1a	11SEP07	30	22OCT07		484		0.00	0.00	0.00
1352-150	Fabricate/Dlvr PF 6 lower	11SEP07	15	01OCT07		284		0.00	41,198.00	42,150.00
1352-165	Fabricate/Dlvr PF 6 upper	02OCT07	15	22OCT07		331		0.00	42,150.00	42,150.00
1352-145	Fabricate/Dlvr PF 5 lower	16OCT07	15	05NOV07		259		0.00	42,150.00	42,150.00
1352-160	Fabricate/Dlvr PF 5 upper	06NOV07	15	26NOV07		306		0.00	42,150.00	42,150.00
1352-140	Fabricate/Dlvr PF 4 lower	20NOV07	10	05DEC07		239		0.00	42,150.00	42,150.00
1352-155	Fabricate/Dlvr PF 4 upper	06DEC07	10	19DEC07		291		0.00	42,150.00	42,150.00
1352-135X	Refurbish NSTX PF1a	01OCT07*	5	05OCT07		333		0.00	1,367.36	1,367.36
722.010	PF Coil receipt inspect/test (formerly wbs 183)	02OCT07	65	11JAN08		434		0.00	31,275.16	31,275.16
141-031	Title III engr WBS 132	01JUN07	268	26JUN08		316		0.00	112,312.17	112,810.82
Job: 1354 - Trim Coil Design &Procurement-KALISH										
Trim Coils										
1303-TRIM	Trim Coil Design	01OCT07*	65	10JAN08		160		0.00	43,470.70	42,330.68
1303-136	Trim Coil PDR		0	29OCT07		169		0.00	0.00	0.00
1303-137	Trim Coil FDR		0	10JAN08		160		0.00	0.00	0.00
184-035	Bid & Award Ext Trim Coils	11JAN08	45	13MAR08		160		0.00	0.00	0.00
184-036	Award External Trim Coils		0	13MAR08		160		0.00	0.00	0.00
184-037	External Trim Coil Procurement/Fab*ecp16	14MAR08	87	16JUL08		160		0.00	35,125.00	34,275.00
184-015	Title III WBS 133 Rxt Trim Coils	11JAN08	147	06AUG08		288		0.00	27,479.65	26,834.06
Job: 1303 -Central Solenoid Support Dsn-DAHLGREN										
1303-110	CS Support Design& analysis	03JAN06A	167*	25AUG06A			90	96,359.62	106,872.84	106,872.84
1303-115	CS Support FDR		0	29AUG06A				0.00	0.00	0.00
1303-120	FDR Chit followup & release drawings for fab	02OCT06*	20	27OCT06		332		0.00	0.00	0.00
13ECP44-03	ECP45 FY06 cv	03OCT05A	2	31MAR06A				10,010.00	10,010.00	10,010.00
Job: 1353 - CS Structure Procurement-DAHLGREN										
CS Support Structure										
163-035	Bid & Award CS Support Struct	01MAY07*	45	03JUL07		209		0.00	0.00	0.00
163-036.9	Award CS Support Structure		0	03JUL07		209		0.00	0.00	0.00
163-037	CS Support Structure Procurement/Fab	05JUL07*	190	09APR08		209		0.00	62,123.41	61,390.02
163-015	Title III design CS sprt struc	05JUL07	294	05SEP08		267		0.00	60,491.50	59,471.52
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	1,141.72
133-037	Conv Coil I&C WBS 134 Proc & Install	01OCT07*	130	10APR08		211		0.00	71,432.82	69,587.22
1355-100	CS and PF 1a Pre-Assy incl coil I&C procurement	10APR08	15	30APR08		209		0.00	20,510.40	20,510.40
14 - Modular Coils										
+ Job: 1401 - Mod Coil Prel.DsnCLOSED****										
		01APR03A	636	30SEP05A			100	304,040.00	304,040.00	304,040.00



Run Date 20OCT06 09:19

Forecast
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Progress Bar
Critical Activity

EC52

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10/20/06 am

Progress Through September 30st 2006

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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-52	ECP-50
+ Job: 1402 - Mod.Coil AnalysesCLOSED****										
		01APR03A	636	30SEP05A			100	239,140.00	239,140.00	239,140.00
+ Job:1404-MCWF R&D & 1st Prod CastingCLOSED****										
		01APR03A	636	30SEP05A			100	2,543,518.06	2,543,518.06	2,543,518.06
+ Job: 1413 -MCWF Fracture Analysis-CLOSED****										
		01OCT04A	372	30MAR06A			100	27,819.40	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	168,070.00
+ Job: 1407 -Mod Coil Winding Facility-CLOSED****										
		01APR03A	757	30MAR06A			100	2,571,373.12	2,571,373.12	2,571,373.12
+ Job: 1412 - Complete Winding Facilities-*CLOSED*										
		01OCT04A	372	30MAR06A			100	540,996.88	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	2,263,568.41
+ Job: 1410 MC Twisted Racetrack Fabr-CLOSED****										
		01OCT04A	372	30MAR06A			100	1,049,971.32	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	825,941.31
+ Job: 1414 Coil Testing-GettelfingerCLOSED****										
		01OCT04A	457	31JUL06A			100	674,833.26	674,833.26	674,833.26
+ Job: 1415 Dim Cntrl Testing-RAFTOPOLOUS*CLOSED**										
		01OCT04A	251	30SEP05A			100	23,850.00	23,850.00	23,850.00
+ Job: 1419-Winding Fac. Mods-CHRZANOWSKI*CLOSED*										
		01OCT04A	372	30MAR06A			100	55,210.00	55,210.00	55,210.00
+ Job: 1403 - Modular Coil Final Design-WILLIAMSON										
		01OCT03A	649	28APR06A				3,310,569.50	3,310,569.50	3,309,740.73
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	13,153.50
1416A-117	MCWF mods-Studs, Lead Block Mount	01OCT05A	100*	28FEB06A			100	6,748.00	6,748.00	6,748.00
1416A-121	MCWF mods-Seal Groove Adapter	01OCT05A	142*	28APR06A			100	10,122.00	10,122.00	10,122.00
1416A-129	MCWF mods-Check and Promote	30NOV05A	124*	31MAY06A			100	3,374.00	3,374.00	3,374.00
1416A-133	Lead Block Assy-Lead Blocks	01OCT05A	100*	28FEB06A			100	13,496.00	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	13,496.00
1416A-141	Lead Block Assy-Detail Parts, Intralink	28NOV05A	84*	10MAR06A			100	10,122.00	10,122.00	10,122.00
1416A-149	Lead Block Assy-Check and Promote		0*	31MAY06A			100	3,374.00	3,374.00	3,374.00
1416A-161	Side A Coil Assy-Cladding Asm	01SEP05A	144*	31MAR06A			100	59,645.29	59,645.29	59,645.29
1416A-165	Side A Coil Assy-Cond Layers, Geom Files	28NOV05A	84*	31MAR06A			100	6,748.00	6,748.00	6,748.00
1416A-169	Side A Coil Assy-Magnetic Loops	28NOV05A	84*	31MAR06A			100	3,374.00	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	40,488.00

FY07 FY08 FY09 FY10

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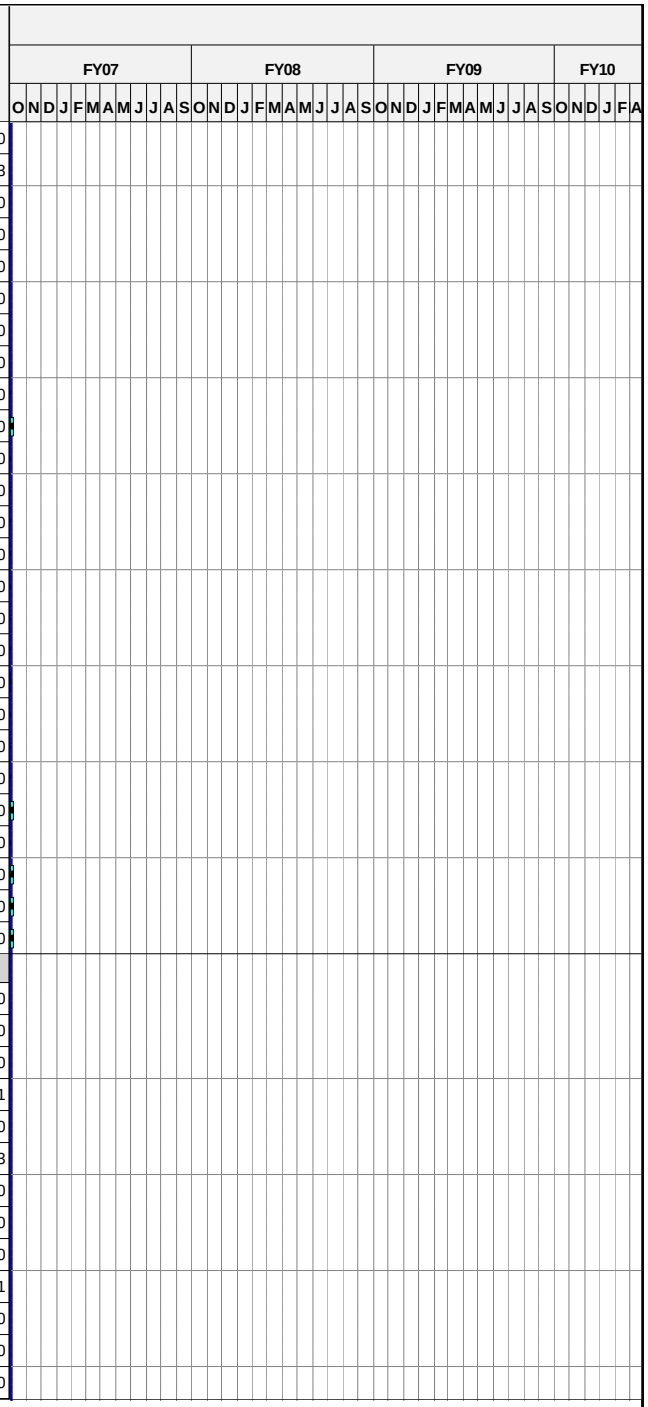
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
1416A-177	Side A Coil Assy-Check and Promote		0*	31MAR06A			100	6,748.00	6,748.00	6,748.00
1416A-181	Side B Coil Assy-Cladding Asm	01SEP05A	144*	31MAR06A			100	39,724.23	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	6,748.00
1416A-189	Side B Coil Assy-Magnetic Loops	28NOV05A	84*	31MAR06A			100	3,374.00	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	41,774.40
1416A-197	Side B Coil Assy-Check and Promote		0*	28APR06A			100	6,748.00	6,748.00	6,748.00
1416A-213	Clamp Assy-Clamp Hardware	28NOV05A	40*	23DEC05A			100	674.80	674.80	674.80
1416A-217	Clamp Assy-Check and Promote	01DEC05A	1	23DEC05A			100	674.80	674.80	674.80
1416A-105	Top level models and drawings	03MAR06A	170*	29SEP06A			RPL	5,398.40	5,398.40	6,748.00
1416A-109	-Check and Promote Top Level Drawings	29SEP06	5	05OCT06		160	RPL	0.00	0.00	3,374.00
1416A-153	Lead Terminals-Splice Plates	01MAY06A	107*	29SEP06A			RPL	1,687.00	1,687.00	3,374.00
1416A-157	Lead Terminals-Check and Promote	01MAY06A	107*	29SEP06A			RPL	1,012.20	1,012.20	3,374.00
1416A-201	Coil Post VPI mods-Studs Removed	03DEC05A	206*	29SEP06A			RPL	2,699.20	2,699.20	3,374.00
1416A-205	Coil Post VPI mods-Clamp Arrangement	03DEC05A	206*	29SEP06A			RPL	5,398.40	5,398.40	6,748.00
1416A-209	Coil Post VPI mods-Check and Promote	02SEP06A	5	29SEP06A			RPL	2,699.20	2,699.20	3,374.00
1416A-221	I&C-Strain Gages and T/C	03MAR06A	170*	29SEP06A			RPL	2,361.80	2,361.80	3,374.00
1416A-225	I&C-Rogowski Coils	03MAR06A	188*	29SEP06A			RPL	2,024.40	2,024.40	6,748.00
1416A-229	I&C-Check and Promote	29SEP06*	1*	29SEP06		749	RPL	0.00	0.00	3,374.00
1416A-233	Coil-to-Coil -Current Feed Insul, Covers	01SEP06A	42*	29SEP06A			RPL	1,687.00	1,687.00	3,374.00
1416A-237	Coil-to-Coil -Windings Insul Blanket	03JUL06A	63*	29SEP06A			RPL	1,687.00	1,687.00	3,374.00
1416A-241	Coil-to-Coil -Bushing Installation	01SEP06A	24*	29SEP06A			RPL	1,687.00	1,687.00	3,374.00
1416A-245	Coil-to-Coil -Check and Promote	29SEP06	5	05OCT06		745	RPL	0.00	0.00	3,374.00
1416A-249	-Type-A Coil Asm Specification	01MAY06A	107*	29SEP06A			RPL	5,398.40	5,398.40	6,748.00
1416A-253	-Review and Approve Type-A Spec	29SEP06*	5	05OCT06		745	RPL	0.00	0.00	3,374.00
1416A-257	-Update Coil Fab Procedures	29SEP06*	5	05OCT06		745	RPL	0.00	0.00	3,374.00
1416A-261	-Prepare for FDR	29SEP06*	5	05OCT06		735	RPL	0.00	0.00	6,748.00
Winding and Assembly Design-Type B										
1416B-113	MCWF mods-As-Built MCWF	01DEC05A	123*	31MAY06A			100	6,748.00	6,748.00	6,748.00
1416B-117	MCWF mods-Studs, Lead Block Mount	01MAY06A	0*	31MAY06A			100	6,748.00	6,748.00	6,748.00
1416B-121	MCWF mods-Seal Groove Adapter	01MAY06A	0*	31MAY06A			100	6,748.00	6,748.00	6,748.00
1416B-129	MCWF mods-Check and Promote	01MAY06A	5	30JUN06A			100	3,372.31	3,372.31	3,372.31
1416B-133	Lead Block Assy-Lead Blocks	28NOV05A	104*	14APR06A			100	13,496.00	13,496.00	13,496.00
1416B-137	Lead Block Assy-Top and Side Plates	28NOV05A	104*	14APR06A			100	13,492.63	13,492.63	13,492.63
1416B-141	Lead Block Assy-Detail Parts, Intralink	10FEB06A	56*	28APR06A			100	10,122.00	10,122.00	10,122.00
1416B-161	Side A Coil Assy-Cladding Asm	03DEC05A	121*	31MAY06A			100	24,461.50	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	6,748.00
1416B-169	Side A Coil Assy-Magnetic Loops	03MAR06A	63*	31MAY06A			100	3,372.31	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	32,053.00
1416B-177	Side A Coil Assy-Check and Promote	01MAY06A	0*	31MAY06A			100	6,748.00	6,748.00	6,748.00
1416B-181	Side B Coil Assy-Cladding Asm	03DEC05A	143*	30JUN06A			100	20,887.20	20,887.20	20,887.20



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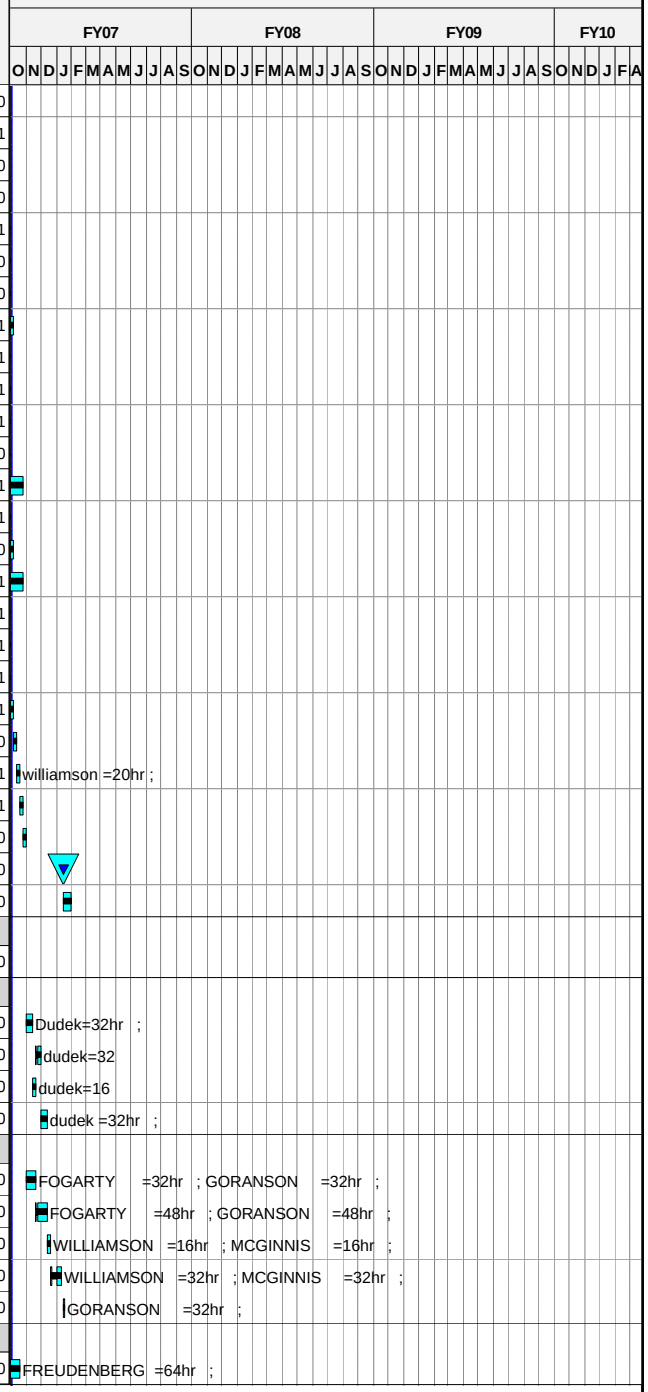
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
1416B-185	Side B Coil Assy-Cond Layers, Geom Files	03MAR06A	85*	30JUN06A			100	6,748.00	6,748.00	6,748.00
1416B-189	Side B Coil Assy-Magnetic Loops	03MAR06A	85*	30JUN06A			100	3,372.31	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	18,276.30
1416B-197	Side B Coil Assy-Check and Promote	01MAY06A	44*	30JUN06A			100	6,748.00	6,748.00	6,748.00
1416B-201	Coil Post VPI mods-Studs Removed	03MAR06A	148*	29SEP06A			RPL	2,699.20	2,699.20	3,372.31
1416B-205	Coil Post VPI mods-Clamp Arrangement	03MAR06A	148*	29SEP06A			RPL	5,398.40	5,398.40	6,748.00
1416B-105	Top level models and drawings	11MAR06A	142*	29SEP06A			RPL	5,398.40	5,398.40	6,748.00
1416B-109	-Check and Promote top level drawings	29SEP06	5	05OCT06		214	RPL	0.00	0.00	3,372.31
1416B-149	Lead Block Assy-Check and Promote	01MAR06A	150*	29SEP06A			RPL	3,372.31	3,372.31	3,372.31
1416B-153	Lead Terminals-Splice Plates	01AUG06A	64*	29SEP06A			RPL	2,361.80	2,361.80	3,372.31
1416B-157	Lead Terminals-Check and Promote	01AUG06A	64*	29SEP06A			RPL	674.80	674.80	3,372.31
1416B-205A	Coil Post VPIU mods cooling/electrical	01SEP06A	28*	29SEP06A			RPL	3,374.00	3,374.00	6,748.00
1416B-209	Coil Post VPI mods-Check and Promote	29SEP06*	19	25OCT06		193	RPL	0.00	0.00	3,372.31
1416B-221	I&C-Strain Gages and T/C	01AUG06A	43*	29SEP06A			RPL	3,374.00	3,374.00	3,372.31
1416B-225	I&C-Rogowski Coils	29SEP06*	5	05OCT06		202	RPL	0.00	0.00	6,748.00
1416B-229	I&C-Check and Promote	29SEP06*	19	25OCT06		193	RPL	0.00	0.00	3,372.31
1416B-233	Coil-to-Coil -Current Feed Insul, Covers	04AUG06A	61*	29SEP06A			RPL	3,374.00	3,374.00	3,372.31
1416B-237	Coil-to-Coil -Windings Insul Blanket	01SEP06A	46*	29SEP06A			RPL	1,687.00	1,687.00	3,372.31
1416B-241	Coil-to-Coil -Bushing Installation	01SEP06A	51*	29SEP06A			RPL	1,687.00	1,687.00	3,372.31
1416B-245	Coil-to-Coil -Check and Promote	29SEP06	5	05OCT06		207	RPL	0.00	0.00	3,372.31
1416B-249	-Type-B Coil Asm Specification	06OCT06*	5	12OCT06		715	RPL	0.00	0.00	6,748.00
1416B-253	-Review and Approve Type-B Spec	13OCT06*	5	19OCT06		715	RPL	0.00	0.00	3,372.31
1416B-257	-Update Coil Fab Procedures	20OCT06*	5	26OCT06		715	RPL	0.00	0.00	3,372.31
1416B-261	-Prepare and Conduct FDR	27OCT06*	5	02NOV06		715	RPL	0.00	0.00	6,748.00
1416B-262	TYPE A, B & C closeout FDR		0	15JAN07		671	RPL	0.00	0.00	0.00
1416B-265	-Resolve FDR Comments	16JAN07	10	29JAN07		671	RPL	0.00	0.00	5,061.00
Prior Costs										
FY06CV-109	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	-211,700.00	-211,700.00	-211,700.00
Clamp hardware modifications										
1416-201	Evaluate and select clamp hardware modifications	01NOV06*	10	14NOV06		134		0.00	5,673.60	0.00
1416-202	Revise assembly models/drawings	22NOV06	5	30NOV06		134		0.00	5,673.60	0.00
1416-203	Prepare part dwgs / procurement documentation	15NOV06	5	21NOV06		134		0.00	2,836.80	0.00
1416-204	Review and approve clamp hardware modifications	01DEC06	10	14DEC06		134		0.00	5,673.60	0.00
Blanket thermal insulation										
1416-301	Investigate blanket insulation requirements and	01NOV06*	15	21NOV06		114		0.00	11,001.60	0.00
1416-302	Prepare and test install insulation mockups on c	22NOV06	15	14DEC06		114		0.00	16,502.40	0.00
1416-303	Revise part dwgs / procurement documentation	15DEC06*	5	21DEC06		114		0.00	5,500.80	0.00
1416-304	Revise assembly models/drawings	22DEC06	10	12JAN07		114		0.00	11,001.60	0.00
1416-305	Review and approve insulation concept	15JAN07	5	19JAN07		114		0.00	5,500.80	0.00
Fiber optic gage qualification										
1416-401	Perform LN2 adhesion tests	29SEP06	16	20OCT06		112		0.00	10,988.80	0.00



Run Date 20OCT06 09:19

Forecast
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Progress Bar
Critical Activity

EC52

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ECP-52
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Progress Through September 30st 2006

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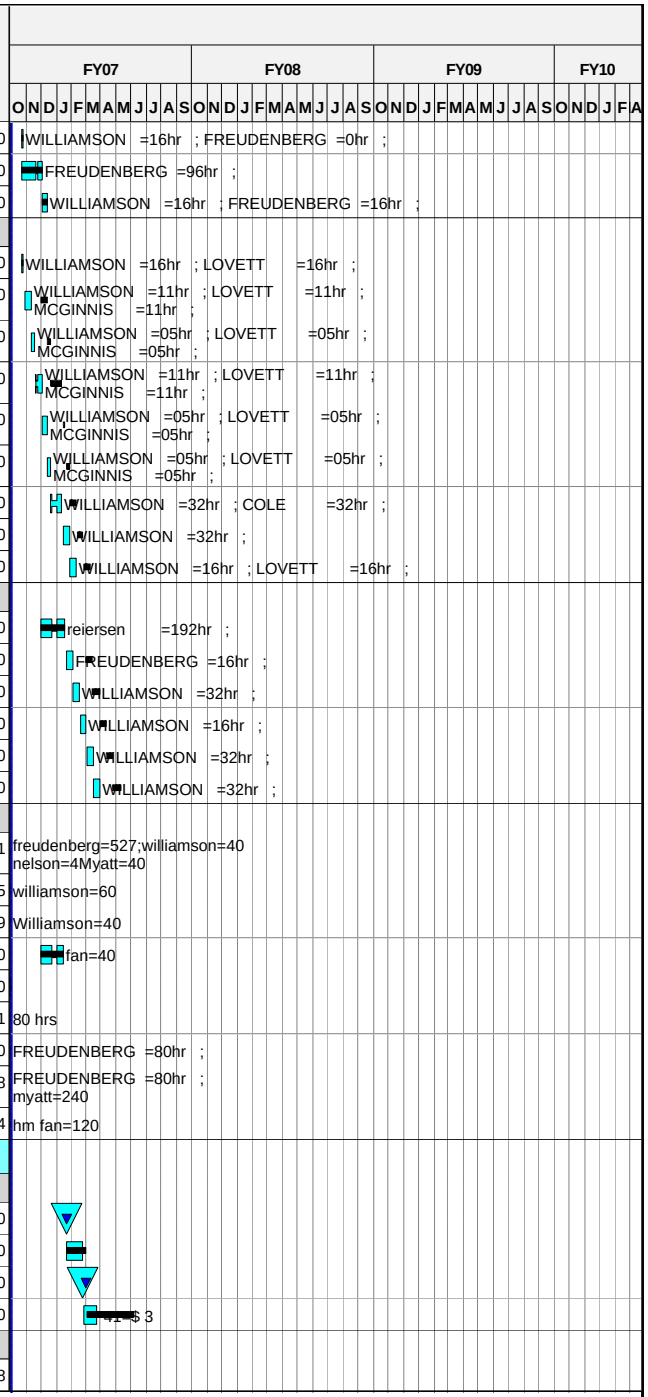
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
1416-402	Prepare purchase req for gages, adhesive	23OCT06	5	27OCT06		137		0.00	2,750.40	0.00
1416-403	Perform strain cycle tests	23OCT06	30	05DEC06		112		0.00	16,502.40	0.00
1416-404	Review and approve fiber optic gage qualificatio	06DEC06	5	12DEC06		112		0.00	5,500.80	0.00
Top level assy models/drawings										
1416-405	Complete layout of T/Cs and strain gages	23OCT06*	5	27OCT06		137		0.00	5,500.80	0.00
1416-501	Complete models/drawings of coolant line routing	30OCT06	10	10NOV06		664		0.00	5,497.35	0.00
1416-502	Check layout of flux loop terminations and revis	13NOV06	5	17NOV06		664		0.00	2,753.85	0.00
1416-503	Complete models/drawings of power cable connect	20NOV06	10	05DEC06		664		0.00	5,497.35	0.00
1416-504	Complete models/drawings of protective covers	06DEC06	5	12DEC06		664		0.00	2,753.85	0.00
1416-505	Drawing callouts for interface hdw (prelim model	13DEC06	5	19DEC06		664		0.00	2,753.85	0.00
1416-506	Check and promote top-level models/drawings	22DEC06	10	12JAN07		662		0.00	11,001.60	0.00
1416-507	Update, review and approve coil asm spec	15JAN07	10	26JAN07		662		0.00	5,500.80	0.00
1416-508	Complete drawing rev to leads, terminal asm (ECN	29JAN07	10	09FEB07		662		0.00	5,500.80	0.00
Analysis and closeout documentation										
1416-601	Prepare EM and structural analysis of leads	01DEC06*	30	19JAN07		627		0.00	34,149.12	0.00
1416-602	Design memo KF structural analysis	22JAN07	10	02FEB07		627		0.00	2,750.40	0.00
1416-603	Update, review and approve FMECA	05FEB07	10	16FEB07		627		0.00	5,500.80	0.00
1416-604	Finalize draft documents - materials, eddy curre	19FEB07	10	02MAR07		627		0.00	2,750.40	0.00
1416-605	Prepare Type-ABC closeout FDR	05MAR07	10	16MAR07		627		0.00	5,500.80	0.00
1416-606	Resolve FDR comments	19MAR07	10	30MAR07		627		0.00	5,500.80	0.00
Type C Design Closeout										
1403-40.2Z	Update nonlinear winding pack analysis	02AUG04A	560*	29SEP06A			RPL	81,764.53	81,764.53	96,251.61
1403-42H	calculate EM loads at leads	01SEP05A	288*	29SEP06A			RPL	7,038.69	7,038.69	10,024.25
1403-47A	Update,review & approve FMECA	26SEP05A	271*	29SEP06A			RPL	673.72	673.72	6,731.69
1403-47C	Perform cool-down/warmup analysis	01DEC06*	26	15JAN07		671		0.00	7,114.40	6,962.40
1403-50A	Check inductance calculation	29SEP06A	43	29SEP06A			RPL	0.00	0.00	6,748.00
1403-60C	Finish Update design basis document	02MAY05A	374*	29SEP06A			RPL	7,898.66	7,898.66	13,051.01
1403-73	Prep struct analysis report	01MAY05A	374*	29SEP06A			RPL	10,531.55	10,531.55	13,057.60
1403-76	Structural analysis of leads	01OCT04A	517*	29SEP06A			RPL	10,356.65	10,356.65	12,813.38
1403-90	Compile Material properties database	01OCT04A	559*	29SEP06A			RPL	16,285.19	16,285.19	20,246.24
Job:1408-Mod Coil Winding Supplies-CHRZANOWSKI										
Thermal Insulation										
122-050	Prep spec and req Blanket Thermal Insulation	22JAN07	0			114		0.00	0.00	0.00
122-055	SPEA Blanket Thermal Insulation	22JAN07	25	23FEB07		114		0.00	0.00	0.00
122-060	Award Blanket Thermal Insulation		0	23FEB07		114		0.00	0.00	0.00
122-065	Deliver Blanket Thermal Insulation	26FEB07	20	23MAR07		114		0.00	4,113.00	4,113.00
+ Prior Costs										
		01APR03A	657	31OCT05A			100	204,658.48	204,658.48	204,658.48



Run Date 20OCT06 09:19

Forecast
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Progress Bar
Critical Activity

EC52

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ECP-52
10/20/06 am

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Progress Through September 30st 2006

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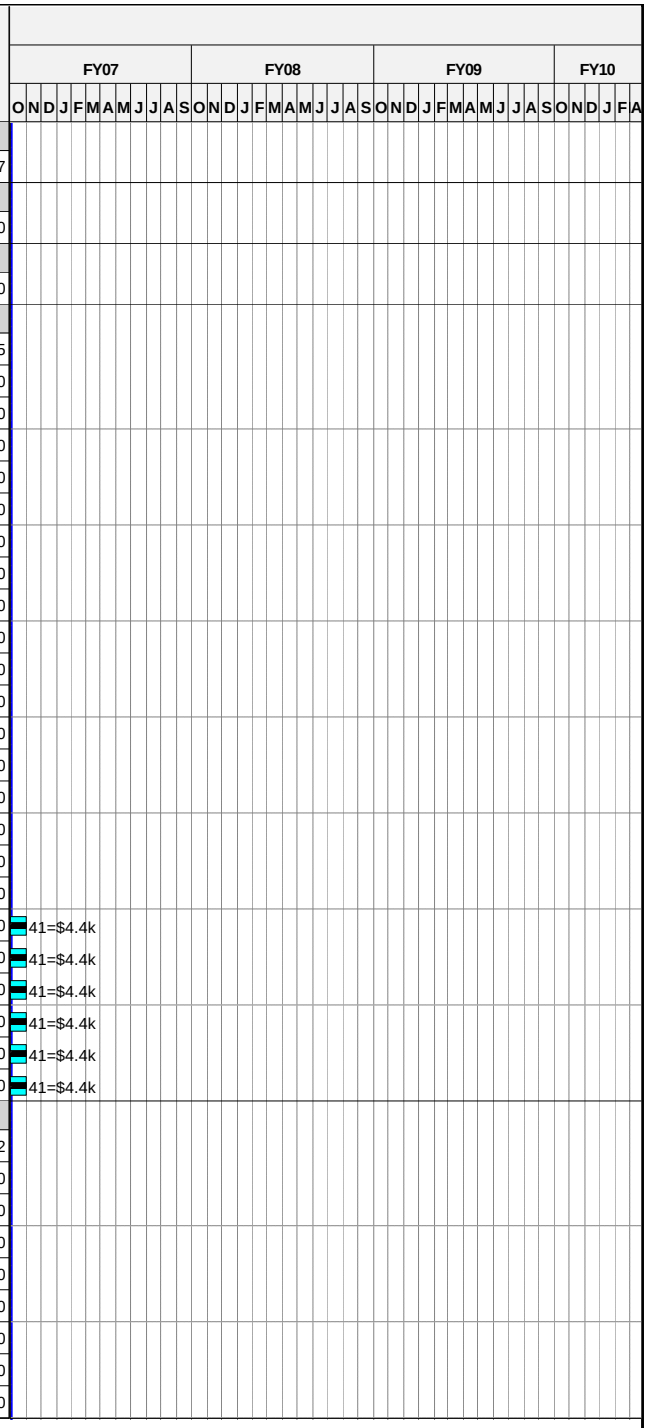
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
+ Copper Conductor										
		02AUG04A	315	31OCT05A			100	273,914.27	273,914.27	273,914.27
+ Insulation for conductor										
		09JUL04A	245	30JUN05A			100	26,901.00	26,901.00	26,901.00
+ Groundwrap Insulation										
		03JAN05A	41	28FEB05A			100	25,620.00	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	3,586.65
1408-507	PPPL Fabr Cladding Type C for Coil c2	02OCT05A	58*	23DEC05A			100	3,838.80	3,838.80	3,838.80
1408-501	Submet Requisition for Type C Cladding	31OCT05A	1	31OCT05A			100	0.00	0.00	0.00
1408-503	Bid and Award Type C Cladding (PE006336)	01NOV05A	20	30NOV05A			100	0.00	0.00	0.00
1408-509	Fabr Cladding Type C for Coil c3	03DEC05A	36	31JAN06A			100	3,838.80	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	3,838.80
1408-513	Fabr Cladding Type C for Coil c5	03DEC05A	36	31JAN06A			100	3,838.80	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	3,838.80
1408-517	Submet Requisition for Type A Cladding	01APR06A	5	14APR06A				0.00	0.00	0.00
1408-519	Bid and Award Type A Cladding	17APR06A	30	26APR06A				0.00	0.00	0.00
1408-521	Fabr Cladding Type A for Coil a1	01JUN06A	0*	30JUN06A			100	6,032.40	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	6,032.40
1408-525	Fabr Cladding Type A for Coil a3	01JUN06A	49*	31AUG06A			100	6,032.40	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	6,032.40
1408-529	Fabr Cladding Type A for Coil a5	01JUN06A	49*	31AUG06A			100	6,032.40	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	6,032.40
1408-533	Submet Requisition for Type B Cladding	31JUL06A	5	31JUL06A				0.00	0.00	0.00
1408-535	Bid and Award Type B Cladding	24JUL06A	29*	31AUG06A				0.00	0.00	0.00
1408-537	Fabr Cladding Type B for Coil b1	01SEP06A	43*	01NOV06		115	50	3,016.20	6,032.40	6,032.40
1408-539	Fabr Cladding Type B for Coil b2	01SEP06A	43*	01NOV06		161	50	3,016.20	6,032.40	6,032.40
1408-541	Fabr Cladding Type B for Coil b3	01SEP06A	43*	01NOV06		180	50	3,016.20	6,032.40	6,032.40
1408-543	Fabr Cladding Type B for Coil b4	01SEP06A	43*	01NOV06		207	50	3,016.20	6,032.40	6,032.40
1408-545	Fabr Cladding Type B for Coil b5	01SEP06A	43*	01NOV06		226	50	3,016.20	6,032.40	6,032.40
1408-547	Fabr Cladding Type B for Coil b6	01SEP06A	43*	01NOV06		253	50	3,016.20	6,032.40	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	93,326.22
1408-707	Fabr Lead HW Type C for Coil c2	01JUL05A	131*	31JAN06A			100	24,911.70	24,911.70	24,911.70
1408-701	Submet Requisition for Type C3-C6 Lead HW	01AUG05A	5	05AUG05A			100	0.00	0.00	0.00
1408-703	Bid and Award Type C3-C6 Lead HW	08AUG05A	30	02DEC05A			100	0.00	0.00	0.00
1408-709	Fabr Lead HW Type C for Coil c3	03JAN06A	20	31JAN06A			100	26,186.10	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	26,186.10
1408-713	Fabr Lead HW Type C for Coil c5	03JAN06A	20	31JAN06A			100	26,186.10	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	26,186.10
1408-721A	Fab & Deliver Lower lead blocks (PE006621)	31MAR06A	85*	03AUG06A				0.00	0.00	0.00



Run Date 20OCT06 09:19

Forecast
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Progress Bar
Critical Activity

EC52

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ECP-52
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Progress Through September 30st 2006

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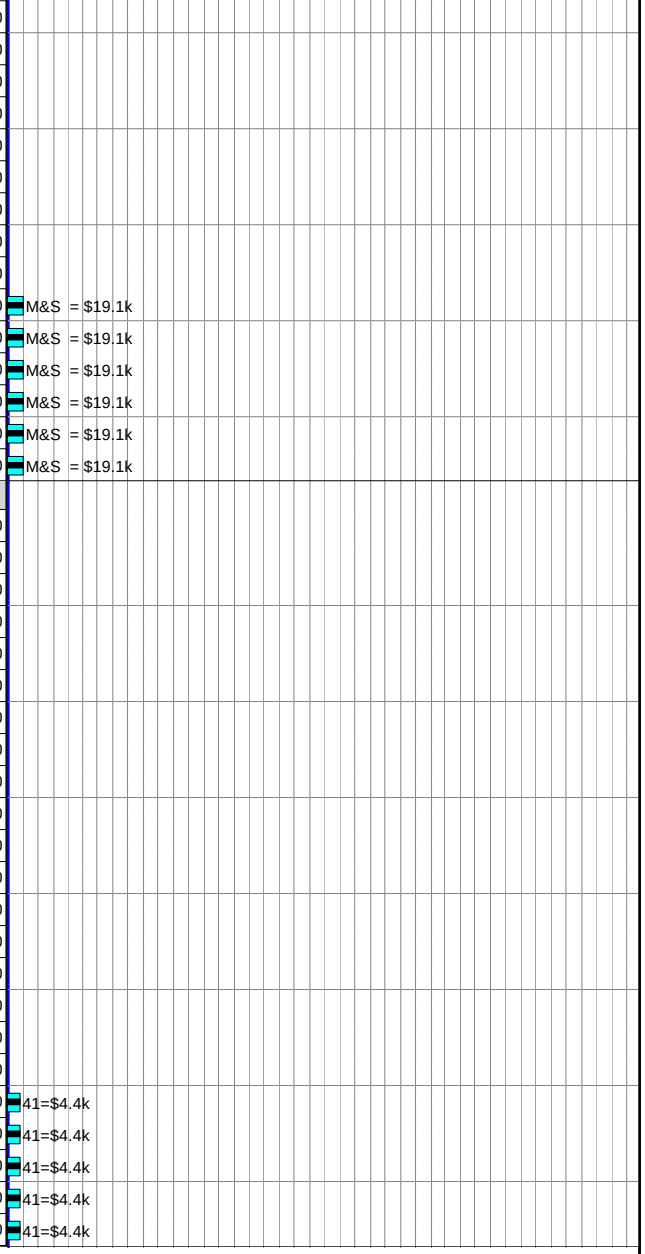
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
1408-717	Submet Req for Type A Lead HW R403928	31MAR06A	5	31MAR06A				0.00	0.00	0.00
1408-719	Bid and Award Type A Lead HW (PE006621 & 6646)	31MAR06A	25	14APR06A				0.00	0.00	0.00
1408-721	Fabr Lead HW Type A for Coil a1	01MAY06A	44*	30JUN06A			100	26,186.10	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	26,186.10
1408-725	Fabr Lead HW Type A for Coil a3	01MAY06A	67*	31AUG06A			100	26,186.10	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	26,186.10
1408-729	Fabr Lead HW Type A for Coil a5	01MAY06A	67*	31AUG06A			100	26,186.10	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	26,186.10
1408-733	Submet Requisition for Type B Lead HW	09JUN06A	5	09JUN06A				0.00	0.00	0.00
1408-735	Bid and Award Type B Lead HW	12JUN06A	20	23JUN06A				0.00	0.00	0.00
1408-737	Fabr Lead HW Type B for Coil b1	23JUN06A	92*	01NOV06		122	70	18,330.27	26,186.10	26,186.10
1408-739	Fabr Lead HW Type B for Coil b2	23JUN06A	92*	01NOV06		279	70	18,330.27	26,186.10	26,186.10
1408-741	Fabr Lead HW Type B for Coil b3	23JUN06A	92*	01NOV06		187	70	18,330.27	26,186.10	26,186.10
1408-743	Fabr Lead HW Type B for Coil b4	23JUN06A	92*	01NOV06		214	70	18,330.27	26,186.10	26,186.10
1408-745	Fabr Lead HW Type B for Coil b5	23JUN06A	92*	01NOV06		233	70	18,330.27	26,186.10	26,186.10
1408-747	Fabr Lead HW Type B for Coil b6	23JUN06A	92*	01NOV06		260	70	18,330.27	26,186.10	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	3,838.80
1408-601	Submet Requisition for Type C Chill Plts	28NOV05A	5	30NOV05A			100	0.00	0.00	0.00
1408-603	Bid and Award Type C Chill Plts	01DEC05A	30	05DEC05A			100	0.00	0.00	0.00
1408-607	Fabr Chill Plts Type C for Coil c2	03JAN06A	20	31JAN06A			100	3,838.80	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	3,838.80
1408-611	Fabr Chill Plts Type C for Coil c4	03JAN06A	20	31JAN06A			100	3,838.80	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	3,838.80
1408-615	Fabr Chill Plts Type C for Coil c6	03JAN06A	20	31JAN06A			100	3,838.80	3,838.80	3,838.80
1408-617	Submet Requisition for Type A Chill Plts	01APR06A	5	14APR06A				0.00	0.00	0.00
1408-619	Bid and Award Type A Chill Plts (PE006657)	17APR06A	30	26APR06A				0.00	0.00	0.00
1408-621	Fabr Chill Plts Type A for Coil a1	01JUN06A	0*	30JUN06A			100	6,032.40	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	6,032.40
1408-625	Fabr Chill Plts Type A for Coil a3	01JUN06A	51*	31AUG06A			100	6,032.40	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	6,032.40
1408-629	Fabr Chill Plts Type A for Coil a5	01JUN06A	51*	31AUG06A			100	6,032.40	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	6,032.40
1408-633	Submet Requisition for Type B Chill Plts	31JUL06A	5	31JUL06A				0.00	0.00	0.00
1408-635	Bid and Award Type B Chill Plts	01AUG06A	8	31AUG06A				0.00	0.00	0.00
1408-637	Fabr Chill Plts Type B for Coil b1	29SEP06*	20	26OCT06		157		0.00	6,032.40	6,032.40
1408-639	Fabr Chill Plts Type B for Coil b2	29SEP06*	20	26OCT06		314		0.00	6,032.40	6,032.40
1408-641	Fabr Chill Plts Type B for Coil b3	29SEP06*	20	26OCT06		222		0.00	6,032.40	6,032.40
1408-643	Fabr Chill Plts Type B for Coil b4	29SEP06*	20	26OCT06		249		0.00	6,032.40	6,032.40
1408-645	Fabr Chill Plts Type B for Coil b5	29SEP06*	20	26OCT06		268		0.00	6,032.40	6,032.40



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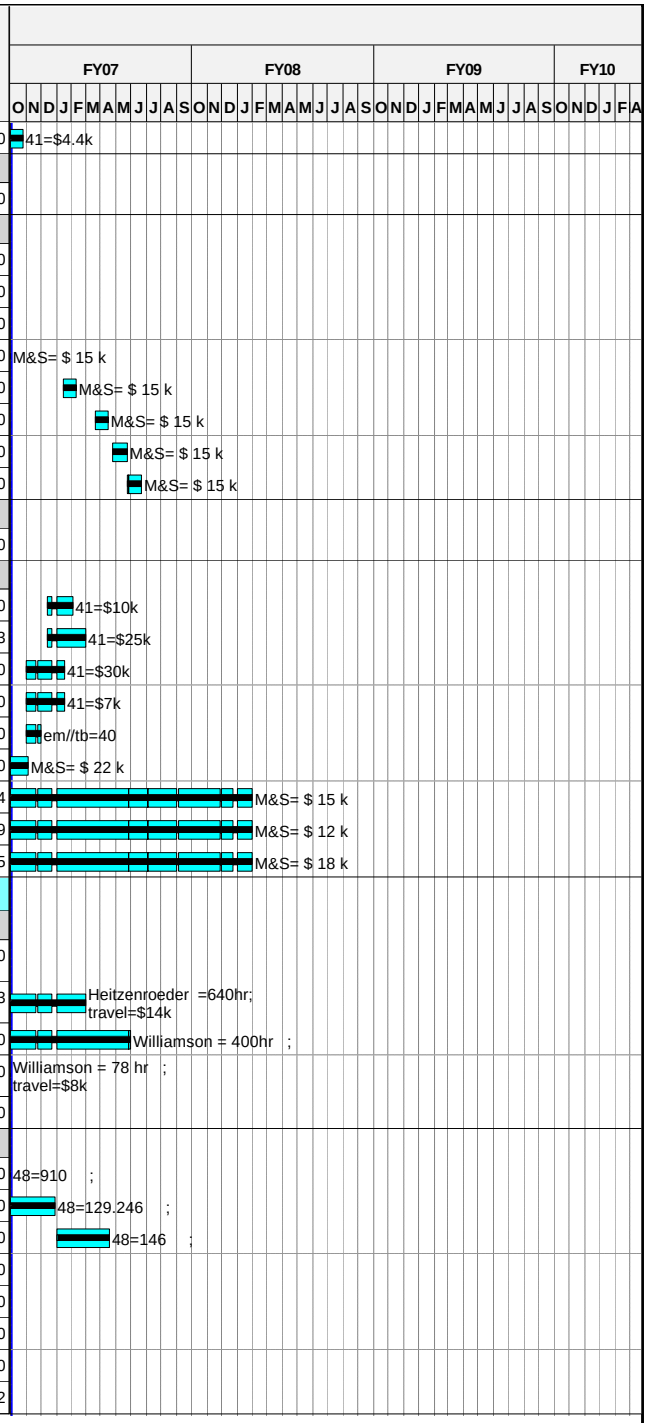
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
1408-647	Fabr Chill Plts Type B for Coil b6	29SEP06*	20	26OCT06		295		0.00	6,032.40	6,032.40
+ Tubing										
		28NOV05A	41	31JAN06A			100	2,742.00	2,742.00	2,742.00
Epoxy										
1408-111	Epoxy - Requisition	01JAN05A	5	31JAN05A			100	0.00	0.00	0.00
1408-114	Epoxy -Evaluate Bids & Award	01MAY05A	10	31MAY05A			100	0.00	0.00	0.00
1408-117	Epoxy -1st Delivery for Production	31JAN06A	20	31JAN06A			100	20,565.00	20,565.00	20,565.00
1408-119	Epoxy -2nd Delivery for Production	01MAY06A	107*	29SEP06A			100	20,565.00	20,565.00	20,565.00
1408-121	Epoxy -3rd Delivery for Production	15JAN07	20	09FEB07		124		0.00	20,565.00	20,565.00
1408-123	Epoxy -4th Delivery for Production	20MAR07	20	16APR07		120		0.00	20,565.00	20,565.00
1408-125	Epoxy -5th Delivery for Production	25APR07	20	22MAY07		118		0.00	20,565.00	20,565.00
1408-127	Epoxy -6th Delivery for Production	23MAY07	20	20JUN07		118		0.00	20,565.00	20,565.00
+ Clamps										
		01DEC05A	123	31MAY06A			100	370,170.00	370,170.00	370,170.00
Other										
1408-950	Buy new clamp hardware (bushings)	15DEC06*	30	02FEB07		134		0.00	13,710.00	0.00
174-035	Procure Modular Coil local Strain Gages	13DEC06*	50	28FEB07		112		0.00	34,275.00	18,275.43
174-036	Procure Modular Coil I&C Data Acq Controller	01NOV06*	50	19JAN07		140		0.00	41,130.00	0.00
174-037	Procure Modular Coil Thermocouples	01NOV06*	50	19JAN07		140		0.00	9,597.00	0.00
1408-038	PPPL Fab I&C Termination Boxes (36)	01NOV06*	20	30NOV06		174		0.00	3,328.80	0.00
1408-184	Vulcanizing tape, felt and RTV	03JAN06A	216*	03NOV06		724	83	25,034.46	30,162.00	30,162.00
1408-137	Safety & PPE equipt & supplies	01MAY05A	686*	31JAN08		420	80	16,329.55	20,411.94	20,411.94
1408-138	Misc. Supplies	01JUL05A	643*	31JAN08		420	80	13,114.87	16,393.59	16,393.59
1408-173	Epoxy for Shell Mold (Hysol)	03JAN06A	520*	31JAN08		420	60	14,863.29	24,772.15	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	76,273.90
172-031.1	Title III engr	01OCT05A	350*	01MAR07		648	LOE	96,945.01	136,734.85	167,147.43
172-031.1X	Title III engr ORNL FY07	02OCT06*	165*	31MAY07		584	LOE	0.00	68,760.00	0.00
172-031.2	Title III engr ORNL	01OCT05A	249*	29SEP06A			LOE	21,294.60	21,294.60	0.00
FY05CV-23	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				275,000.00	275,000.00	275,000.00
MCWF-001	EIO Project Mgt. & Reporting	29OCT04A	495*	29SEP06A			LOE	910,000.00	910,000.00	910,000.00
MCWF-001A	EIO Project Mgt. & Reporting AMEND #11	29SEP06	66*	29DEC06		709		0.00	129,250.00	129,250.00
MCWF-001B	EIO Project Mgt. & Reporting AMEND #12	02JAN07*	76*	17APR07		633		0.00	146,000.00	146,000.00
MCWF-011	Pattern A complete	29OCT04A	126*	01APR05A			100	290,125.00	290,125.00	290,125.00
MCWF-021	Pattern B complete	01DEC04A	220*	30SEP05A			100	255,120.00	255,120.00	255,120.00
MCWF-031	Major Tool Tooling Complete	29OCT04A	82*	28FEB05A			100	628,622.00	628,622.00	628,622.00
MCWF-041	Materials (MetalTek)	29NOV04A	282*	31AUG05A			100	744,750.00	744,750.00	744,750.00
MCWF-051	C1-MTK-casting upgrade	20DEC04A	63*	31MAR05A			100	146,248.12	146,248.12	146,248.12



Run Date **20OCT06 09:19**

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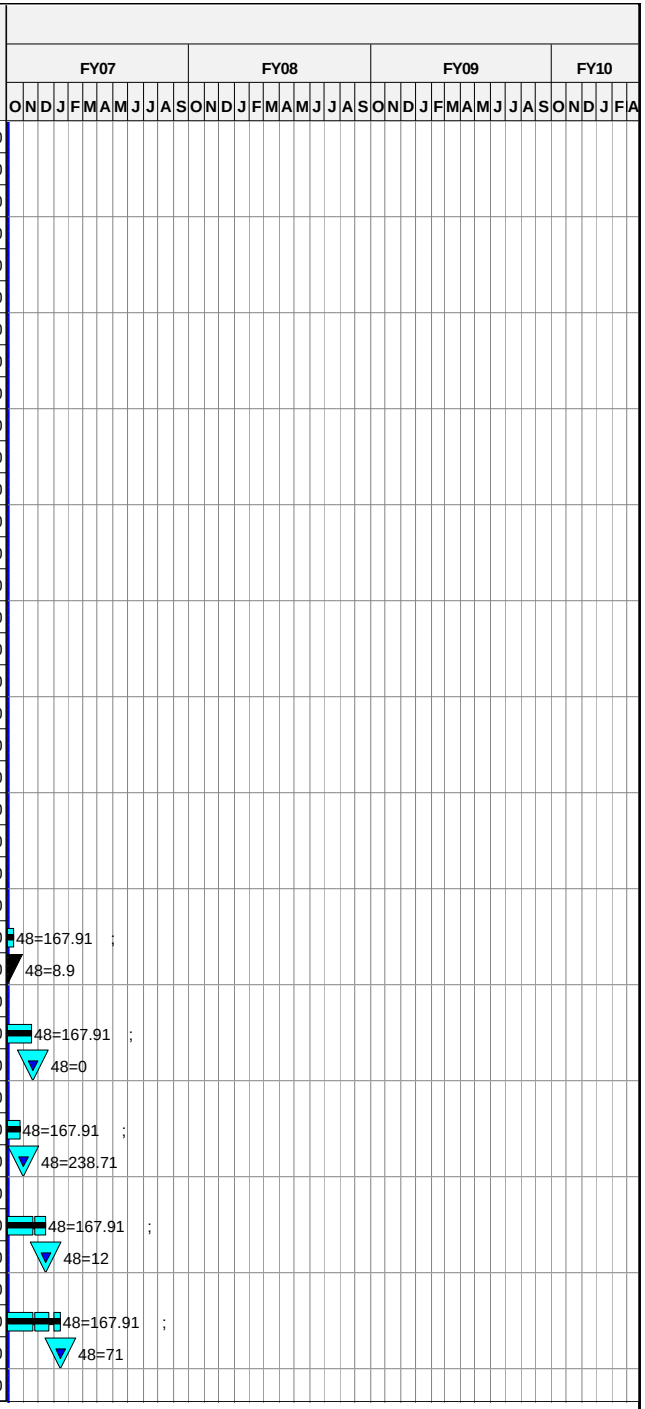
Forecast
z0608
Progress Bar
Critical Activity

EC52

NCSX
ECP-52
10/20/06 am

Progress Through September 30st 2006

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-52	ECP-50
MCWF-061	C1-MTM - machining/inspection	01APR05A	136*	30SEP05A	M		100	159,560.00	159,560.00	159,560.00
C-121.1	First MCWF C-1 Delivered		0	30SEP05A			100	0.00	0.00	0.00
MCWF-071	C1-Receive at PPPL		0	03OCT05A			100	0.00	0.00	0.00
MCWF-081	C2-MTK-casting	01APR05A	66*	27JUN05A			100	142,920.00	142,920.00	142,920.00
MCWF-091	C2-MTM - machining/inspection	28JUN05A	125*	16DEC05A			100	169,040.00	169,040.00	169,040.00
MCWF-101	C2-Receive at PPPL		0	16DEC05A			100	0.00	0.00	0.00
MCWF-141	C3-MTK-casting	12MAY05A	102*	19SEP05A			100	142,920.00	142,920.00	142,920.00
MCWF-151	C3-MTM - machining/inspection	20SEP05A	108*	27FEB06A			100	167,910.00	167,910.00	167,910.00
MCWF-161	C3-Receive at PPPL		0	27FEB06A			100	45,000.00	45,000.00	43,000.00
MCWF-201	C4-MTK-casting	16MAY05A	122*	31OCT05A			100	142,920.00	142,920.00	142,920.00
MCWF-211	C4-MTM - machining/inspection	31OCT05A	102*	27MAR06A			100	167,910.00	167,910.00	167,910.00
MCWF-221	C4-Receive at PPPL		0	27MAR06A			100	35,790.00	35,790.00	31,190.00
MCWF-261	C5-MTK-casting	30MAY05A	128*	30NOV05A			100	142,920.00	142,920.00	142,920.00
MCWF-271	C5-MTM - machining/inspection	01DEC05A	101*	28APR06A			100	167,910.00	167,910.00	167,910.00
MCWF-281	C5-Receive at PPPL		0	28APR06A			100	38,480.00	38,480.00	34,480.00
MCWF-111	A1-MTK-casting	22APR05A	116*	08SEP05A			100	142,710.00	142,710.00	142,710.00
MCWF-121	A1-MTM - machining/inspection	09SEP05A	108*	01JUN06A			100	167,910.00	167,910.00	167,910.00
MCWF-131	A1-Receive at PPPL		0	05JUN06A			100	34,480.00	34,480.00	29,880.00
MCWF-171	A2-MTK-casting	17AUG05A	91*	23DEC05A			100	142,710.00	142,710.00	142,710.00
MCWF-181	A2-MTM - machining/inspection	14NOV05A	156*	30JUN06A			100	167,910.00	167,910.00	167,910.00
MCWF-191	A2-Receive at PPPL		0	30JUN06A			100	35,180.00	35,180.00	25,270.00
MCWF-351	A3-MTK-casting	26SEP05A	84*	31JAN06A			100	142,710.00	142,710.00	142,710.00
MCWF-361	A3-MTM - machining/inspection	01MAR06A	107*	27JUL06A			100	167,910.00	167,910.00	167,910.00
MCWF-371	A3-Receive at PPPL		0	28JUL06A			100	34,510.00	34,510.00	20,410.00
MCWF-231	B1-MTK-casting	16SEP05A	110*	28FEB06A			100	142,710.00	142,710.00	142,710.00
MCWF-241	B1-MTM - machining/inspection	01MAR06A	159*	12OCT06		740	100	157,331.67	167,910.00	167,910.00
MCWF-251	B1-Receive at PPPL		0	27SEP06A			100	8,900.00	8,900.00	14,660.00
MCWF-381	A4-MTK-casting	15DEC05A	71*	14MAR06A			100	142,920.00	142,920.00	142,920.00
MCWF-391	A4-MTM - machining/inspection	14MAR06A	176*	17NOV06		117	75	125,932.50	167,910.00	167,910.00
MCWF-401	A4-Receive at PPPL		0	20NOV06		117		0.00	0.00	9,730.00
MCWF-321	B2-MTK-casting	31JAN06A	64*	28APR06A			100	142,710.00	142,710.00	142,710.00
MCWF-331	B2-MTM - machining/inspection	28APR06A	128*	27OCT06		159	85	142,723.50	167,910.00	167,910.00
MCWF-341	B2-Receive at PPPL		0	01NOV06*		157		0.00	238,710.00	159,450.00
MCWF-471	B3-MTK-casting	13FEB06A	65*	12MAY06A			100	142,920.00	142,920.00	142,920.00
MCWF-481	B3-MTM - machining/inspection	18MAY06A	147*	15DEC06		145	35	58,768.50	167,910.00	167,910.00
MCWF-491	B3-Receive at PPPL		0	18DEC06		145		0.00	12,000.00	21,780.00
MCWF-501	B4-MTK-casting	28MAR06A	39*	25MAY06A			100	142,920.00	142,920.00	142,920.00
MCWF-511	B4-MTM - machining/inspection	26MAY06A	156*	15JAN07		157	35	58,768.50	167,910.00	167,910.00
MCWF-521	B4-Receive at PPPL		0	16JAN07		157		0.00	71,000.00	0.00
MCWF-531	B5-MTK-casting	13APR06A	56*	30JUN06A			100	142,920.00	142,920.00	142,920.00



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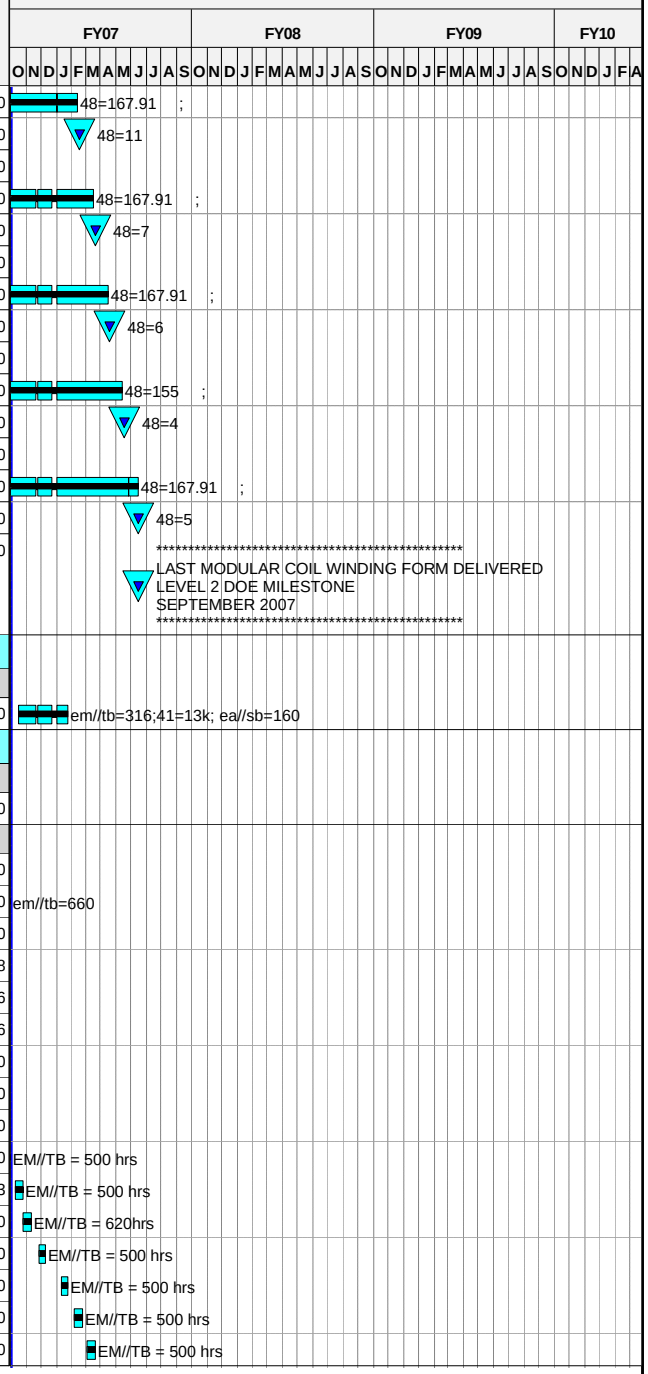
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
MCWF-541	B5-MTM - machining/inspection	31JUL06A	142*	14FEB07		154	15	25,186.50	167,910.00	167,910.00
MCWF-551	B5-Receive at PPPL		0	15FEB07		154		0.00	11,000.00	0.00
MCWF-561	B6-MTK-casting	28APR06A	45*	30JUN06A			100	142,920.00	142,920.00	142,920.00
MCWF-571	B6-MTM - machining/inspection	31JUL06A	156*	16MAR07		159	1	1,679.10	167,910.00	167,910.00
MCWF-581	B6-Receive at PPPL		0	19MAR07		159		0.00	7,000.00	0.00
MCWF-411	A5-MTK-casting	13JAN06A	45*	29MAR06A			100	142,920.00	142,920.00	142,920.00
MCWF-421	A5-MTM - machining/inspection	01MAY06A	240*	16APR07		157	10	16,791.00	167,910.00	167,910.00
MCWF-431	A5-Receive at PPPL		0	17APR07		157		0.00	6,000.00	0.00
MCWF-441	A6-MTK-casting	31JAN06A	64*	20APR06A			100	142,710.00	142,710.00	142,710.00
MCWF-451	A6-MTM - machining/inspection	01MAY06A	261*	15MAY07		163	2	3,100.00	155,000.00	155,000.00
MCWF-461	A6-Receive at PPPL		0	16MAY07		163		0.00	4,000.00	0.00
MCWF-291	C6-MTK-casting	16JUN05A	155*	03FEB06A			100	142,920.00	142,920.00	142,920.00
MCWF-301	C6-MTM - machining/inspection	03APR06A	302*	14JUN07		161	20	33,582.00	167,910.00	167,910.00
MCWF-311	C6-Receive at PPPL		0	15JUN07		161		0.00	5,000.00	0.00
C-501B1	Last MCWF Delivered		0	15JUN07		573		0.00	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	0.00
Job: 1451 - Mod Coil Winding-CHRZANOWSKI										
Prior Costs										
FY05CV-25	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				81,000.00	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	46,461.00
C2RW	type C h/w rework	03APR06A	149*	29SEP06A	1		100	53,750.40	53,750.40	53,750.40
1451TRAIN	Training for winding teams	25JUL05A	3	29JUL05A			100	0.00	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	54,727.68
P1-091	Receive C2, Prep& Instl Cladding	19DEC05A	26*	26JAN06A	1		100	44,303.36	44,303.36	44,303.36
P2-091	Receive C3, Prep& Instl Cladding	03MAR06A	16	31MAR06A	1		100	44,303.36	44,303.36	44,303.36
P3-091	Receive C4, Prep& Instl Cladding	28MAR06A	46*	10MAY06A	1		100	40,720.00	40,720.00	40,720.00
P1-121	Receive C5, Prep& Instl Cladding	22MAY06A	29*	23JUN06A	1		100	40,720.00	40,720.00	40,720.00
P2-001	Receive A1, Prep& Instl Cladding	19JUN06A	37*	09AUG06A	1		100	50,492.80	50,492.80	50,492.80
P3-001	Receive A2, Prep& Instl Cladding	24AUG06A	25*	26SEP06A	2		100	40,720.00	40,720.00	40,720.00
P3-031	Receive A3, Prep& Instl Cladding	11OCT06	11	25OCT06	2	100		0.00	41,610.00	40,962.73
P1-031	Receive B1, Prep& Instl Cladding	26OCT06	12	10NOV06	2	115		0.00	51,596.40	51,596.40
P3-121	Receive A4, Prep& Instl Cladding	27NOV06	11	11DEC06	2	115		0.00	41,610.00	41,610.00
P2-121	Receive B2, Prep& Instl Cladding	11JAN07	11	25JAN07	2	115		0.00	41,610.00	41,610.00
P2-061	Receive B3, Prep& Instl Cladding	07FEB07	11	21FEB07	2	115		0.00	41,610.00	41,610.00
P2-151	Receive B4, Prep& Instl Cladding	05MAR07	11	19MAR07	2	124		0.00	41,610.00	31,623.60



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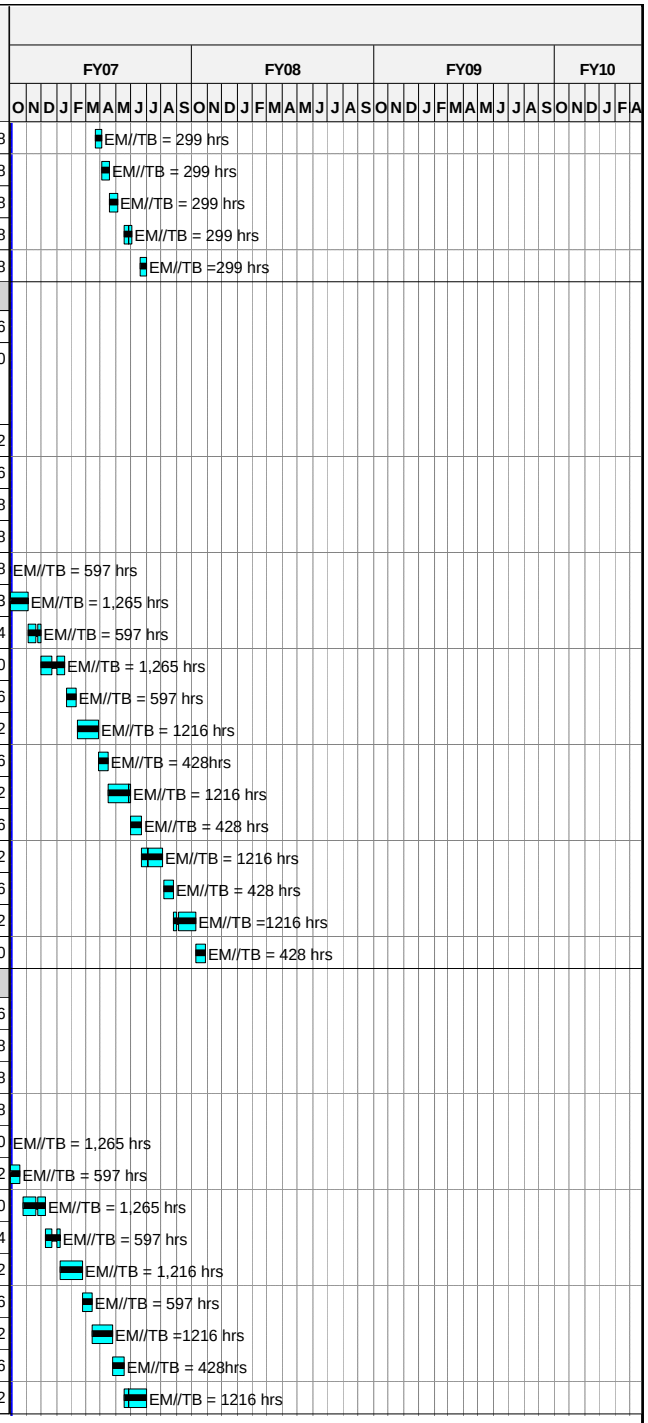
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
P3-061	Receive B5, Prep& Instl Cladding	20MAR07	11	03APR07	2	132		0.00	24,882.78	24,882.78
P3-151	Receive B6, Prep& Instl Cladding	04APR07	11	18APR07	2	148		0.00	24,882.78	24,882.78
P1-061	Receive A5, Prep& Instl Cladding	19APR07	11	03MAY07	2	156		0.00	24,882.78	24,882.78
P1-151	Receive A6, Prep& Instl Cladding	17MAY07	11	01JUN07	2	163		0.00	24,882.78	24,882.78
P2-031	Receive C6, Prep& Instl Cladding	18JUN07	11	02JUL07	2	161		0.00	24,882.78	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	118,006.56
P1-011J	Complete Winding First Modular Coil		0	19DEC05A	2		100	0.00	0.00	0.00
P1-020	Instl Chill Plates,Tubing, Bag C1>>@150%	31JAN06A	24*	03MAR06A	2		100	41,371.52	41,371.52	41,371.52
P2-101	Wind coil C-3	31MAR06A	43*	15MAY06A	2		100	116,377.76	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	48,619.68
P1-131	Wind coil C5	23JUN06A	37*	30AUG06A	2		100	99,519.68	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	48,619.68
P3-011	Wind coil A2	27SEP06A	29	06NOV06	2	104	11	11,554.44	105,040.37	104,111.13
P3-020	Instl Chill Plates,Tubing, Bag A2	07NOV06	15	29NOV06	2	104		0.00	49,682.34	49,682.34
P1-041	Wind coil B1	30NOV06	31	19JAN07	2	104		0.00	105,273.30	105,273.30
P1-050	Instl Chl Plates,Tubing, Bag B1	22JAN07	15	09FEB07	2	104		0.00	49,682.34	35,618.16
P1-071	Wind coil B2	12FEB07	31	26MAR07	2	104		0.00	101,195.52	101,195.52
P1-080	Instl Chl Plates,Tubing,Bag B2	27MAR07	15	16APR07	2	104		0.00	35,618.16	35,618.16
P2-161	Wind coil B4	17APR07	31	30MAY07	2	104		0.00	101,195.52	101,195.52
P2-170	Instl Chill Plates,Tubing,Bag B4	31MAY07	15	20JUN07	2	104		0.00	35,618.16	35,618.16
P3-161	Wind coil B6	21JUN07	31	03AUG07	2	104		0.00	101,195.52	101,195.52
P3-170	Instl Chill Plates,Tubing,Bag B6	06AUG07	15	24AUG07	2	104		0.00	35,618.16	35,618.16
P1-161	Wind coil A6	27AUG07	31	09OCT07	2	104		0.00	101,810.58	101,195.52
P1-170	Instl Chill Plates,Tubing,Bag A6	10OCT07	15	30OCT07	2	104		0.00	36,405.96	36,151.50
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	116,377.76
P1-110	Instl Chill Plates,Tubing,Bag C2	01APR06A	42*	09MAY06A	2		100	48,619.68	48,619.68	48,619.68
P3-101	Wind coil C4	11MAY06A	38*	06JUL06A	2		100	99,519.68	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	48,619.68
P2-011	Wind coil A1	11AUG06A	34*	26SEP06A	2		100	103,021.60	103,021.60	103,021.60
P2-020	Instl Chill Plates,Tubing, Bag A1	26SEP06A	15	19OCT06	2	104	23	11,372.62	49,446.19	48,690.52
P3-041	Wind coil A3	26OCT06	31	11DEC06	2	100		0.00	105,273.30	105,273.30
P3-050	Instl Chl Plates,Tubing, Bag A3	12DEC06	15	09JAN07	2	100		0.00	49,682.34	49,682.34
P3-131	Wind coil A4	10JAN07	31	21FEB07	2	100		0.00	101,195.52	101,195.52
P3-140	Instl Chl Plates,Tubing, Bag A4	22FEB07	15	14MAR07	2	100		0.00	49,682.34	35,618.16
P2-071	Wind coil B3	15MAR07	31	26APR07	2	100		0.00	101,195.52	101,195.52
P2-080	Instl Chill Plates,Tubing,Bag B3	27APR07	15	17MAY07	2	100		0.00	35,618.16	35,618.16
P3-071	Wind coil B5	18MAY07	31	02JUL07	2	100		0.00	101,195.52	101,195.52



Run Date **20OCT06 09:19**

Forecast
z0608
Progress Bar
Critical Activity

EC52

NCSX
ECP-52
10/20/06 am

Progress Through September 30st 2006

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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-52	ECP-50	FY07 FY08 FY09 FY10
P3-080	Instl Chill Plates,Tubing,Bag B5	03JUL07	15	24JUL07	2	100		0.00	35,618.16	35,618.16	EM//TB = 428hrs
P2-131	Wind coil A5	25JUL07	31	06SEP07	2	100		0.00	101,195.52	101,195.52	EM//TB = 1,216 hrs
P2-140	Instl Chl Plates,Tubing, Bag A5	07SEP07	15	27SEP07	2	100		0.00	35,618.16	35,618.16	EM//TB = 428 hrs
P2-041	Wind coil C6	28SEP07	31	09NOV07	2	100		0.00	103,831.49	102,513.51	EM//TB = 1216 hrs
P2-050	Instl Chl Plates,Tubing, Bag C6	12NOV07	15	04DEC07	2	100		0.00	36,576.88	36,576.88	EM//TB = 428hrs
Station 5-VPI											
P1-021V	VPI (Station 5) C1	06MAR06A	6*	13MAR06A	2		100	26,712.32	26,712.32	26,712.32	
P1-111V	VPI (Station 5) C2	22MAY06A	4*	31MAY06A	2		100	24,024.80	24,024.80	24,024.80	
P1-111VCU	Cleanup and Ready Autoclave	03JUN06A	8	30JUN06A	1		100	13,030.40	13,030.40	13,030.40	
P2-111V	VPI (Station 5) C3	24JUL06A	8	31JUL06A	2		100	24,024.80	24,024.80	24,024.80	
P2-111VCU	Cleanup and Ready Autoclave	01AUG06A	4*	09AUG06A	1		100	13,030.40	13,030.40	13,030.40	
P3-111V	VPI (Station 5) C4	10AUG06A	12*	31AUG06A	2		100	24,024.80	24,024.80	24,024.80	
P3-111VCU	Cleanup and Ready Autoclave	11SEP06A	8	22SEP06A	1		100	13,030.40	13,030.40	13,030.40	
P1-141V	VPI (Station 5) C5	27SEP06A	7	09OCT06	2	136	25	6,093.72	24,374.87	24,024.80	EM//TB = 295 hrs
P1-141VCU	Cleanup and Ready Autoclave	10OCT06	8	19OCT06	1	136		0.00	13,315.20	13,030.40	em//tb=160
P2-021V	VPI (Station 5) A1	20OCT06	7	30OCT06	2	136		0.00	24,549.90	24,549.90	EM//TB = 295 hrs
P2-021VCU	Cleanup and Ready Autoclave	31OCT06	8	09NOV06	1	136		0.00	13,315.20	13,315.20	em//tb=160
P3-021V	VPI (Station 5) A2	30NOV06	7	08DEC06	2	124		0.00	24,549.90	24,549.90	EM//TB = 295 hrs
P3-021VCU	Cleanup and Ready Autoclave	11DEC06	8	20DEC06	1	128		0.00	13,315.20	13,315.20	em//tb=160
P3-051V	VPI (Station 5) A3	10JAN07	7	18JAN07	2	120		0.00	24,549.90	13,648.08	EM//TB = 295 hrs
P3-051VCU	Cleanup and Ready Autoclave	19JAN07	8	30JAN07	1	132		0.00	13,315.20	13,648.08	EM//TB = 160 hrs
P1-051V	VPI (Station 5) B1	12FEB07	7	20FEB07	2	124		0.00	24,549.90	13,648.08	EM//TB = 295 hrs
P1-051VCU	Cleanup and Ready Autoclave	21FEB07	8	02MAR07	1	132		0.00	13,315.20	13,648.08	EM//TB = 160 hrs
P3-141V	VPI (Station 5) A4	15MAR07	7	23MAR07	2	124		0.00	13,648.08	13,648.08	EM//TB = 164 hrs
P3-141VCU	Cleanup and Ready Autoclave	26MAR07	12	10APR07	1	124		0.00	13,648.08	13,648.08	EM//TB = 164 hrs
P2-141V	VPI (Station 5) B2	17APR07	7	25APR07	2	120		0.00	13,648.08	13,648.08	EM//TB = 164 hrs
P2-141VCU	Cleanup and Ready Autoclave	26APR07	12	11MAY07	1	126		0.00	13,648.08	13,648.08	EM//TB = 164 hrs
P2-081V	VPI (Station 5) B3	18MAY07	7	29MAY07	2	122		0.00	13,648.08	13,648.08	EM//TB = 164 hrs
P2-081VCU	Cleanup and Ready Autoclave	30MAY07	12	14JUN07	1	122		0.00	13,648.08	13,648.08	EM//TB = 164 hrs
P3-081V	VPI (Station 5) B4	21JUN07	7	29JUN07	2	118		0.00	13,648.08	13,648.08	EM//TB = 164 hrs
P3-081VCU	Cleanup and Ready Autoclave	02JUL07	12	18JUL07	1	118		0.00	13,648.08	13,648.08	EM//TB = 164 hrs
P2-171V	VPI (Station 5) B5	25JUL07	7	02AUG07	2	114		0.00	13,648.08	13,648.08	EM//TB = 164 hrs
P2-171VCU	Cleanup and Ready Autoclave	03AUG07	12	20AUG07	1	114		0.00	13,648.08	13,648.08	EM//TB = 164 hrs
P3-171V	VPI (Station 5) B6	27AUG07	7	05SEP07	2	110		0.00	13,648.08	13,648.08	EM//TB = 164 hrs
P3-171VCU	Cleanup and Ready Autoclave	06SEP07	12	21SEP07	1	110		0.00	13,648.08	13,648.08	EM//TB = 164 hrs
P1-081V	VPI (Station 5) A5	28SEP07	7	08OCT07	2	106		0.00	13,962.96	13,648.08	EM//TB = 164 hrs
P1-081VCU	Cleanup and Ready Autoclave	09OCT07	12	24OCT07	1	108		0.00	14,015.44	13,739.92	EM//TB = 164 hrs
P1-171V	VPI (Station 5) A6	31OCT07	7	08NOV07	2	104		0.00	14,015.44	14,015.44	EM//TB = 164 hrs
P1-171VCU	Cleanup and Ready Autoclave	09NOV07	12	26NOV07	1	104		0.00	14,015.44	14,015.44	EM//TB = 164 hrs
P2-051V	VPI (Station 5) C6	05DEC07	7	13DEC07	2	100		0.00	14,015.44	14,015.44	EM//TB = 164 hrs

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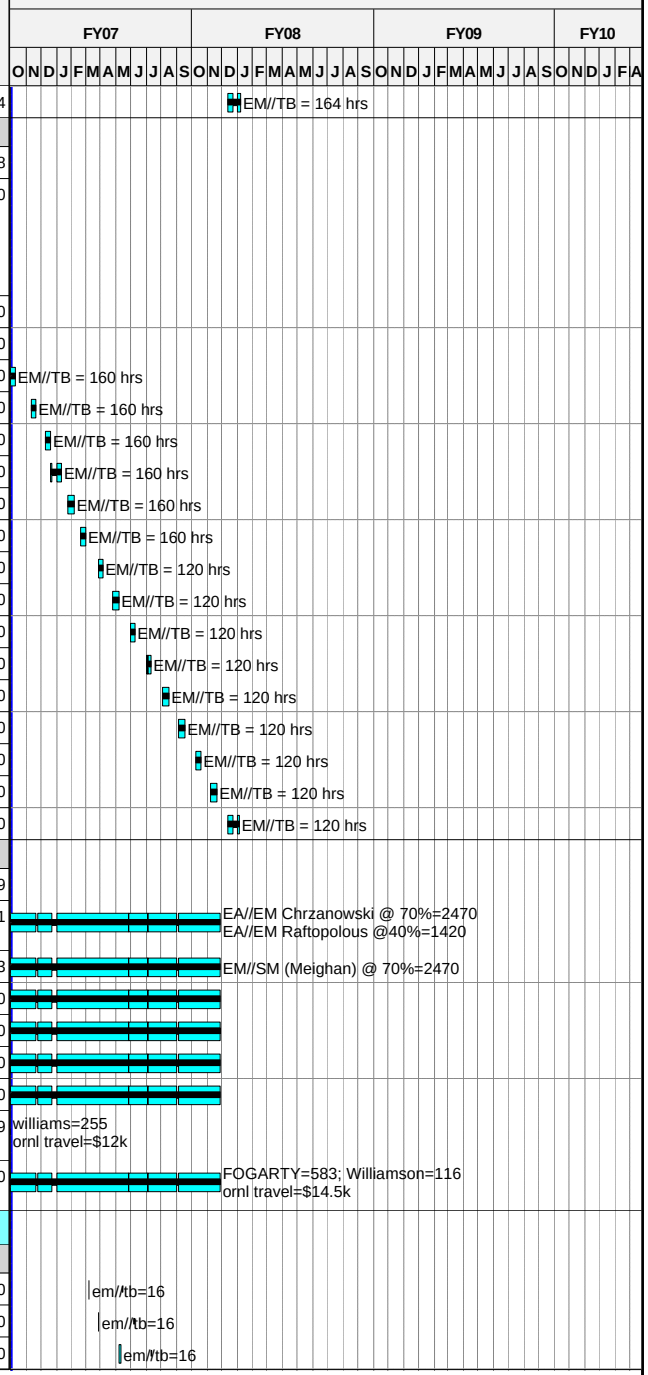
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
P2-051VCU	Cleanup and Ready Autoclave	14DEC07	12	09JAN08	1	436		0.00	14,015.44	14,015.44
Station 1B Final Clamp Installation										
P1-021C	Final Clamps & Warm Test (Station1) C1	14MAR06A	5*	28MAR06A	1		100	12,378.88	12,378.88	12,378.88
P1-021.1	Complete First Mod Coil Fabrication C1		0	28MAR06A	1			0.00	0.00	0.00
P1-111C	Final Clamps & Warm Test (Station1) C2	01JUN06A	84*	15SEP06A	1		100	13,030.40	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	13,030.40
P3-111C	Final Clamps & Warm Test (Station1) C4	27SEP06A	8	10OCT06	1	100	30	3,968.93	13,229.76	13,030.40
P1-141C	Final Clamps & Warm Test (Station1) C5	13NOV06	8	22NOV06	1	115		0.00	13,315.20	13,315.20
P2-021C	Final Clamps & Warm Test (Station1) A1	12DEC06	8	21DEC06	1	115		0.00	13,315.20	13,315.20
P3-021C	Final Clamps & Warm Test (Station1) A2	22DEC06	8	10JAN07	1	115		0.00	13,315.20	13,315.20
P3-051C	Final Clamps & Warm Test (Station1) A3	26JAN07	8	06FEB07	1	115		0.00	13,315.20	9,986.40
P1-051C	Final Clamps & Warm Test (Station1) B1	21FEB07	8	02MAR07	1	124		0.00	13,315.20	9,986.40
P3-141C	Final Clamps & Warm Test (Station1) A4	26MAR07	8	04APR07	1	219		0.00	9,986.40	9,986.40
P2-141C	Final Clamps & Warm Test (Station1) B2	26APR07	8	07MAY07	1	120		0.00	9,986.40	9,986.40
P2-081C	Final Clamps & Warm Test (Station1) B3	30MAY07	8	08JUN07	1	153		0.00	9,986.40	9,986.40
P3-081C	Final Clamps & Warm Test (Station1) B4	02JUL07	8	12JUL07	1	150		0.00	9,986.40	9,986.40
P3-171C	Final Clamps & Warm Test (Station1) B5	03AUG07	8	14AUG07	1	157		0.00	9,986.40	9,986.40
P2-171C	Final Clamps & Warm Test (Station1) B6	06SEP07	9	18SEP07	1	158		0.00	9,986.40	9,986.40
P1-081C	Final Clamps & Warm Test (Station1) A5	09OCT07	8	18OCT07	1	106		0.00	10,255.20	9,986.40
P1-171C	Final Clamps & Warm Test (Station1) A6	09NOV07	8	20NOV07	1	108		0.00	10,255.20	10,255.20
P2-051C	Final Clamps & Warm Test (Station1) C6	14DEC07	8	03JAN08	1	100		0.00	10,255.20	10,255.20
LOE Oversight & Supervision										
171-000	Winding Preparations (LOE) FY05	01AUG05A	49*	30SEP05A				53,382.29	53,382.29	53,382.29
171-040	Winding Oversight (LOE)	10OCT05A	534*	26NOV07		459	LOE	312,381.03	686,551.71	686,551.71
171-041	Tech Supervision	10OCT05A	534*	26NOV07		459	LOE	146,090.23	321,077.43	321,077.43
SSD-ST2	Second shift cost differential	25OCT05A	523*	26NOV07		459	LOE	23,583.76	77,500.00	77,500.00
SSD-ST3	Second shift cost differential	27JAN06A	463*	26NOV07		459	LOE	21,512.59	77,500.00	77,500.00
SSD-ST4	Planned overtime (due to 10hr 1st shift)	03APR06A	417*	26NOV07		459	LOE	36,529.92	120,960.00	120,960.00
SSD-ST4.1	Unplanned overtime and rework	03APR06A	417*	26NOV07		459	LOE	36,529.92	120,960.00	120,960.00
TITLE3W	Titel III Design ORNL- Component Fab & WINDING	10OCT05A	244*	29SEP06A			LOE	82,214.50	82,214.50	196,459.69
TITLE3F	Titel III Design ORNL- Component Fab & WINDING	02OCT06*	290*	26NOV07		459	LOE	0.00	135,872.36	0.00
Job: 1459 - Mod Coil Fabr.Punch List-CHRZANOWSKI										
Co-wound loop termination box installation										
1459-003	Install Co-wound loop term boxes- C1	07MAR07	1	07MAR07		112		0.00	1,331.52	0.00
1459-005	Install Co-wound loop term boxes- C2	28MAR07	1	28MAR07		112		0.00	1,331.52	0.00
1459-007	Install Co-wound loop term boxes- C3	09MAY07	1	09MAY07		127		0.00	1,331.52	0.00



Run Date 20OCT06 09:19

Forecast
z0608
Progress Bar
Critical Activity

EC52

NCSX
ECP-52
10/20/06 am

Progress Through September 30st 2006

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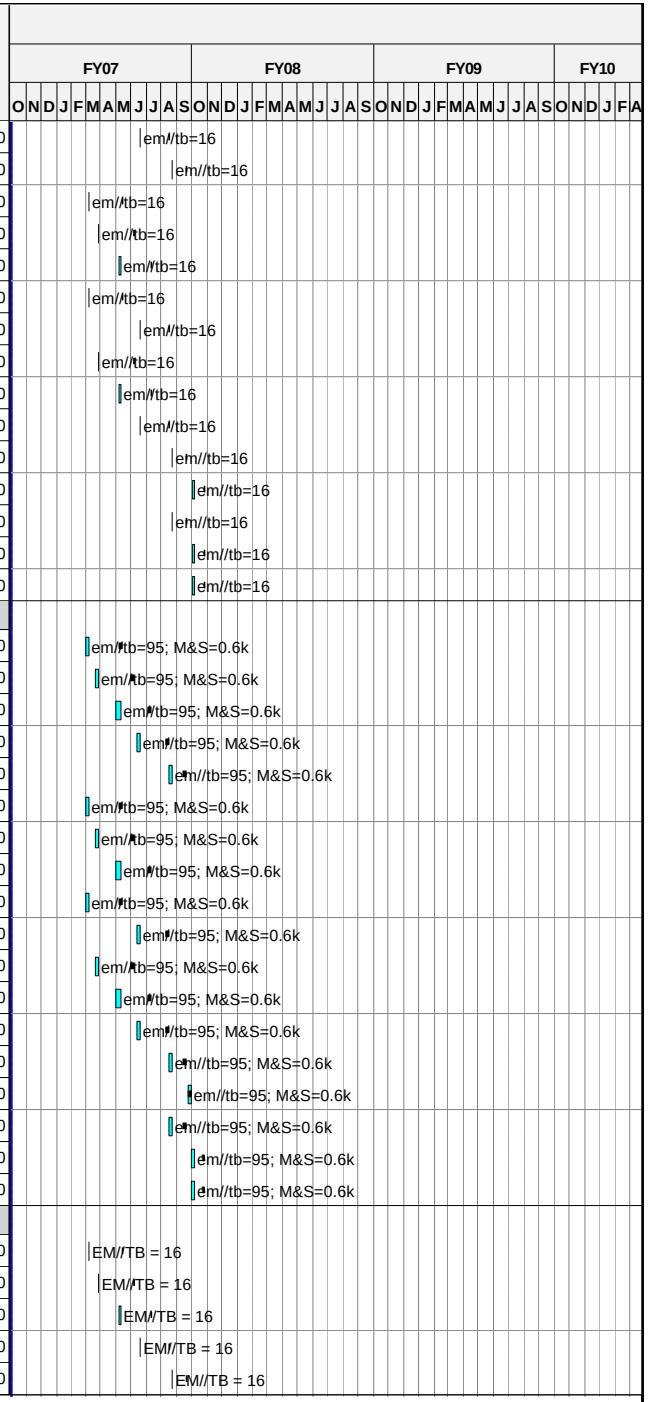
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
1459-009	Install Co-wound loop term boxes- C4	18JUN07	1	18JUN07		127		0.00	1,331.52	0.00
1459-011	Install Co-wound loop term boxes- C5	22AUG07	1	22AUG07		106		0.00	1,331.52	0.00
1459-013	Install Co-wound loop term boxes- A1	07MAR07	1	07MAR07		112		0.00	1,331.52	0.00
1459-015	Install Co-wound loop term boxes- A2	28MAR07	1	28MAR07		112		0.00	1,331.52	0.00
1459-017	Install Co-wound loop term boxes- A3	09MAY07	1	09MAY07		127		0.00	1,331.52	0.00
1459-019	Install Co-wound loop term boxes- B1	07MAR07	1	07MAR07		112		0.00	1,331.52	0.00
1459-021	Install Co-wound loop term boxes- A4	18JUN07	1	18JUN07		127		0.00	1,331.52	0.00
1459-023	Install Co-wound loop term boxes- B2	28MAR07	1	28MAR07		112		0.00	1,331.52	0.00
1459-025	Install Co-wound loop term boxes- B3	09MAY07	1	09MAY07		127		0.00	1,331.52	0.00
1459-027	Install Co-wound loop term boxes- B4	18JUN07	1	18JUN07		127		0.00	1,331.52	0.00
1459-029	Install Co-wound loop term boxes- B5	22AUG07	1	22AUG07		106		0.00	1,331.52	0.00
1459-031	Install Co-wound loop term boxes- B6	05OCT07	1	05OCT07		100		0.00	1,367.36	0.00
1459-033	Install Co-wound loop term boxes- A5	22AUG07	1	22AUG07		106		0.00	1,331.52	0.00
1459-035	Install Co-wound loop term boxes- A6	05OCT07	1	05OCT07		100		0.00	1,367.36	0.00
1459-037	Install Co-wound loop term boxes- C6	05OCT07	1	05OCT07		100		0.00	1,367.36	0.00
Strain gages,cooling tube terminations,TC										
1459-002	Strain gages,Thrmcpl,cooling tube term - C1	01MAR07	5	07MAR07		112		0.00	8,728.50	0.00
1459-004	Strain gages,Thrmcpl,cooling tube term - C2	22MAR07	5	28MAR07		112		0.00	8,728.50	0.00
1459-006	Strain gages,Thrmcpl,cooling tube term - C3	03MAY07	5	09MAY07		127		0.00	8,728.50	0.00
1459-008	Strain gages,Thrmcpl,cooling tube term - C4	12JUN07	5	18JUN07		127		0.00	8,728.50	0.00
1459-010	Strain gages,Thrmcpl,cooling tube term - C5	16AUG07	5	22AUG07		106		0.00	8,728.50	0.00
1459-012	Strain gages,Thrmcpl,cooling tube term - A1	01MAR07	5	07MAR07		112		0.00	8,728.50	0.00
1459-014	Strain gages,Thrmcpl,cooling tube term - A2	22MAR07	5	28MAR07		112		0.00	8,728.50	0.00
1459-016	Strain gages,Thrmcpl,cooling tube term - A3	03MAY07	5	09MAY07		127		0.00	8,728.50	0.00
1459-018	Strain gages,Thrmcpl,cooling tube term - B1	01MAR07	5	07MAR07		112		0.00	8,728.50	0.00
1459-020	Strain gages,Thrmcpl,cooling tube term - A4	12JUN07	5	18JUN07		127		0.00	8,728.50	0.00
1459-022	Strain gages,Thrmcpl,cooling tube term - B2	22MAR07	5	28MAR07		112		0.00	8,728.50	0.00
1459-024	Strain gages,Thrmcpl,cooling tube term - B3	03MAY07	5	09MAY07		127		0.00	8,728.50	0.00
1459-026	Strain gages,Thrmcpl,cooling tube term - B4	12JUN07	5	18JUN07		127		0.00	8,728.50	0.00
1459-028	Strain gages,Thrmcpl,cooling tube term - B5	16AUG07	5	22AUG07		106		0.00	8,728.50	0.00
1459-030	Strain gages,Thrmcpl,cooling tube term - B6	24SEP07*	5	28SEP07		105		0.00	8,728.50	0.00
1459-032	Strain gages,Thrmcpl,cooling tube term - A5	16AUG07	5	22AUG07		106		0.00	8,728.50	0.00
1459-034	Strain gages,Thrmcpl,cooling tube term - A6	01OCT07	5	05OCT07		100		0.00	8,961.70	0.00
1459-036	Strain gages,Thrmcpl,cooling tube term - C6	01OCT07	5	05OCT07		100		0.00	8,961.70	0.00
Poloidal Break Hardware										
1459-100	Replace Poloidal break h/w on C1	07MAR07	1	07MAR07		112		0.00	1,331.52	0.00
1459-102	Replace Poloidal break h/w on C2	28MAR07	1	28MAR07		112		0.00	1,331.52	0.00
1459-104	Replace Poloidal break h/w on C3	09MAY07	1	09MAY07		127		0.00	1,331.52	0.00
1459-106	Replace Poloidal break h/w on C4	18JUN07	1	18JUN07		127		0.00	1,331.52	0.00
1459-108	Replace Poloidal break h/w on C5	22AUG07	1	22AUG07		106		0.00	1,331.52	0.00



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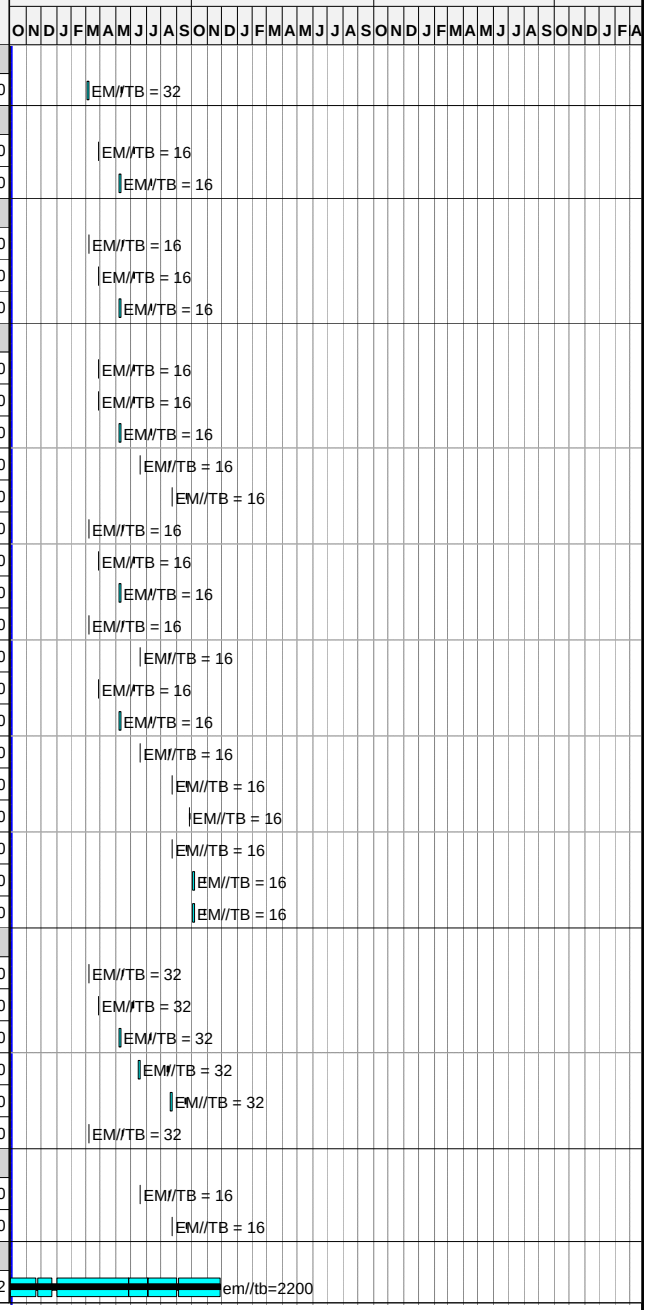
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
Casting plugs										
1459-150	Repair/install casting plugs C1 (by tech shop)	06MAR07	2	07MAR07		112		0.00	2,663.04	0.00
Rogowski Coil Installation										
1459-700	Install Rogowski coil C2	28MAR07	1	28MAR07		112		0.00	1,331.52	0.00
1459-702	Install Rogowski coil C3	09MAY07	1	09MAY07		127		0.00	1,331.52	0.00
Excess material removal/Grinding work										
1459-200	Grinding C1 (by tech shop)	07MAR07	1	07MAR07		112		0.00	1,331.52	0.00
1459-202	Grinding C2 (by tech shop)	28MAR07	1	28MAR07		112		0.00	1,331.52	0.00
1459-204	Grinding C3 (by tech shop)	09MAY07	1	09MAY07		127		0.00	1,331.52	0.00
Bat Insulation installation										
1459-400	Install bat insulation C1	28MAR07	1	28MAR07		112		0.00	1,331.52	0.00
1459-402	Install bat insulation C2	28MAR07	1	28MAR07		112		0.00	1,331.52	0.00
1459-404	Install bat insulation C3	09MAY07	1	09MAY07		127		0.00	1,331.52	0.00
1459-406	Install bat insulation C4	18JUN07	1	18JUN07		127		0.00	1,331.52	0.00
1459-408	Install bat insulation C5	22AUG07	1	22AUG07		106		0.00	1,331.52	0.00
1459-410	Install bat insulation A1	08MAR07	1	08MAR07		112		0.00	1,331.52	0.00
1459-412	Install bat insulation A2	28MAR07	1	28MAR07		112		0.00	1,331.52	0.00
1459-414	Install bat insulation A3	09MAY07	1	09MAY07		127		0.00	1,331.52	0.00
1459-416	Install bat insulation B1	08MAR07	1	08MAR07		112		0.00	1,331.52	0.00
1459-418	Install bat insulation A4	18JUN07	1	18JUN07		127		0.00	1,331.52	0.00
1459-420	Install bat insulation B2	28MAR07	1	28MAR07		112		0.00	1,331.52	0.00
1459-422	Install bat insulation B3	09MAY07	1	09MAY07		127		0.00	1,331.52	0.00
1459-424	Install bat insulation B4	18JUN07	1	18JUN07		127		0.00	1,331.52	0.00
1459-426	Install bat insulation B5	22AUG07	1	22AUG07		106		0.00	1,331.52	0.00
1459-428	Install bat insulation B6	27SEP07*	1	27SEP07		106		0.00	1,331.52	0.00
1459-430	Install bat insulation A5	22AUG07	1	22AUG07		106		0.00	1,331.52	0.00
1459-432	Install bat insulation A6	05OCT07	1	05OCT07		100		0.00	1,367.36	0.00
1459-434	Install bat insulation C6	05OCT07	1	05OCT07		100		0.00	1,367.36	0.00
Clamp Modifications										
1459-600	Clamp mods C1	07MAR07	2	08MAR07		112		0.00	2,663.04	0.00
1459-602	Clamp mods C2	27MAR07	2	28MAR07		112		0.00	2,663.04	0.00
1459-604	Clamp mods C3	08MAY07	2	09MAY07		127		0.00	2,663.04	0.00
1459-606	Clamp mods C4	15JUN07	2	18JUN07		127		0.00	2,663.04	0.00
1459-608	Clamp mods C5	21AUG07	2	22AUG07		106		0.00	2,663.04	0.00
1459-610	Clamp mods A1	07MAR07	2	08MAR07		112		0.00	2,663.04	0.00
Bearing Plate Installation										
1459-650	Bearing Plate Installation C4	18JUN07	1	18JUN07		127		0.00	1,331.52	0.00
1459-652	Bearing Plate Installation C5	22AUG07	1	22AUG07		106		0.00	1,331.52	0.00
SSD-ST5	Misc tech shop support	01MAY06A	397*	26NOV07		459	LOE	48,737.51	182,537.49	189,175.22



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Forecast
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Progress Bar
Critical Activity

EC52

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ECP-52
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Progress Through September 30st 2006

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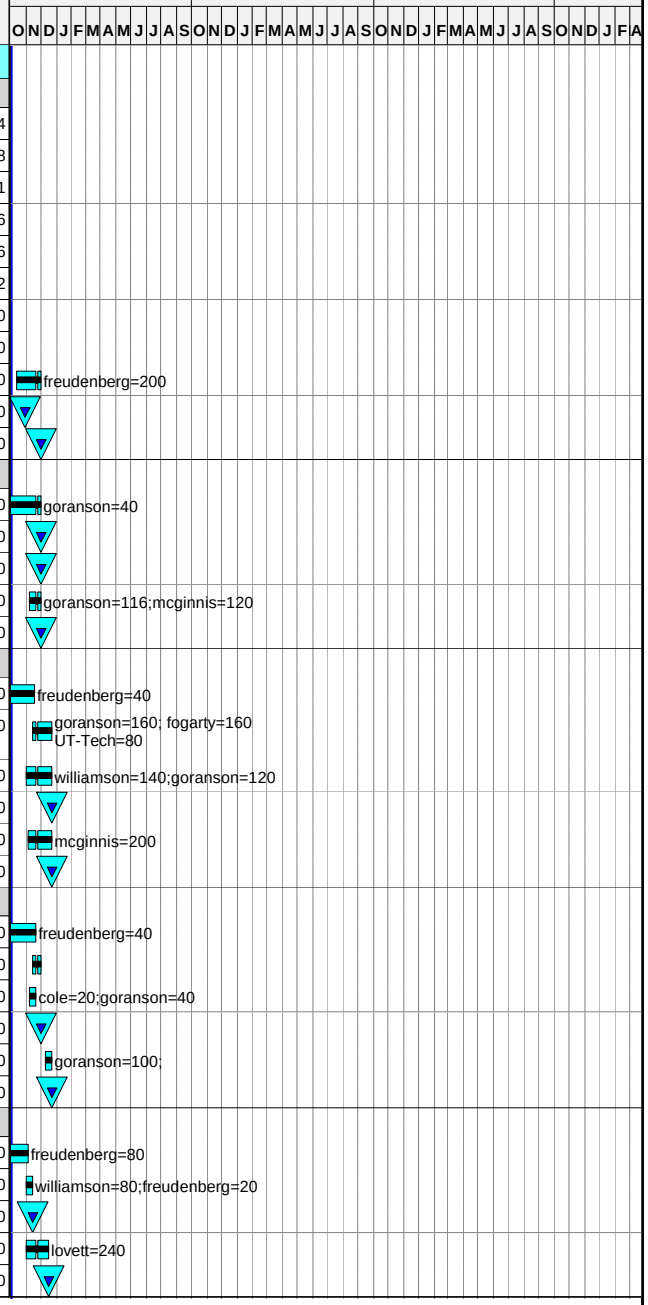
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
Job: 1421-Mod Coil Interface Design-WILLIAMSON										
Coil-to-coil Interface Design										
1403-11.1	Describe interfaces as part of coil FDR's	01NOV04A	*471**	31JUL06A				35,507.90	35,507.90	39,257.84
1403-16	Assembly bolts, nuts,washers	01OCT04A	*496**	31JUL06A				16,858.96	16,858.96	21,107.48
1403-17	Assembly shims	01OCT04A	*332**	31JUL06A				20,557.93	20,557.93	27,552.51
1403-18	Eccentric ball assembly	08NOV04A	*471**	31JUL06A				22,616.72	22,616.72	34,076.06
1403-19	Top assembly dwgs for mod coil shell	01OCT04A	*332**	31JUL06A				24,684.03	24,684.03	37,864.56
1403-19A	Bladder Details	01JUL05A	*146**	30NOV05A				9,411.15	9,411.15	29,602.52
1421-10	add'l analysis of coil to coil joints/friction	01MAY06A	*123**	31JUL06A				2,699.20	2,699.20	13,496.00
FY06CV-111	ECP45 FY06 cv	01OCT05A	*251**	30MAR06A			***100***	-89,310.00	-89,310.00	-89,310.00
IH1-001	Coil to coil analysis	13OCT06*	*34*	01DEC06		***706***		0.00	35,460.00	0.00
1403-PDR	PDR		*0*	30OCT06*		***728***		0.00	0.00	0.00
1403-FDR	FDR		*0*	01DEC06*		***706***		0.00	0.00	0.00
3 Point positioning hardware										
IH1-005	review requirements, as-built casting features	01SEP06A	*62**	30NOV06		***135***	***20***	1,366.94	6,834.71	0.00
IH1-010	obtain results from mockup test		*0*	30NOV06		***135***		0.00	0.00	0.00
IH1-015	Review for approval to proceed		*0*	30NOV06		***135***		0.00	0.00	0.00
IH1-020	Prepare dwgs and release	08NOV06	*15*	30NOV06		***135***		0.00	23,378.40	0.00
IH1-025	Issue dwgs for Fabrication		*0*	30NOV06		***135***		0.00	0.00	0.00
Bladders										
IH2-005	review and finalize structural requirements	01SEP06A	*42*	17NOV06		***142***	***20***	1,365.89	6,829.45	0.00
IH2-010	select and test concept(s)	16NOV06*	*25*	22DEC06		***119***		0.00	68,139.20	0.00
IH2-015	Finalize / select design (config and materials	01NOV06*	*36*	22DEC06		***119***		0.00	44,694.00	0.00
IH2-020	Review for approval to proceed		*0*	22DEC06		***119***		0.00	0.00	0.00
IH2-025	Prepare dwgs and release	06NOV06	*33*	22DEC06		***119***		0.00	34,380.00	0.00
IH2-030	Issue dwgs for Fabrication		*0*	22DEC06		***119***		0.00	0.00	0.00
Bolt Reaming										
IH3-005	review and finalize structural requirements	01SEP06A	*42*	22NOV06		***129***	***20***	1,366.37	6,831.86	0.00
IH3-006	check access for reaming coils	15NOV06*	*10*	30NOV06		***125***		0.00	0.00	0.00
IH3-010	Finalize concept	09NOV06*	*10*	22NOV06		***129***		0.00	10,158.80	0.00
IH3-015	Review for approval to proceed		*0*	30NOV06		***125***		0.00	0.00	0.00
IH3-020	Prepare tooling specs, drawings	11DEC06*	*10*	22DEC06		***119***		0.00	17,190.00	0.00
IH3-025	Issue dwgs for Procuremenet/ Fabrication		*0*	22DEC06		***119***		0.00	0.00	0.00
Shear plate and shims										
IH4-005	Complete testing	01SEP06A	*46**	06NOV06		***131***	***50***	6,820.35	13,640.70	0.00
IH4-010	Finalize design, select material	02NOV06*	*10*	15NOV06		***124***		0.00	17,190.00	0.00
IH4-015	Review for approval to prceed		*0*	15NOV06		***124***		0.00	0.00	0.00
IH4-020	Prepare dwgs and release	02NOV06	*30*	15DEC06		***124***		0.00	41,256.00	0.00
IH4-025	Issue dwgs for Fabrication		*0*	15DEC06		***124***		0.00	0.00	0.00



Run Date **20OCT06 09:19**

Forecast
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Progress Bar
Critical Activity

EC52

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ECP-52
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Progress Through September 30st 2006

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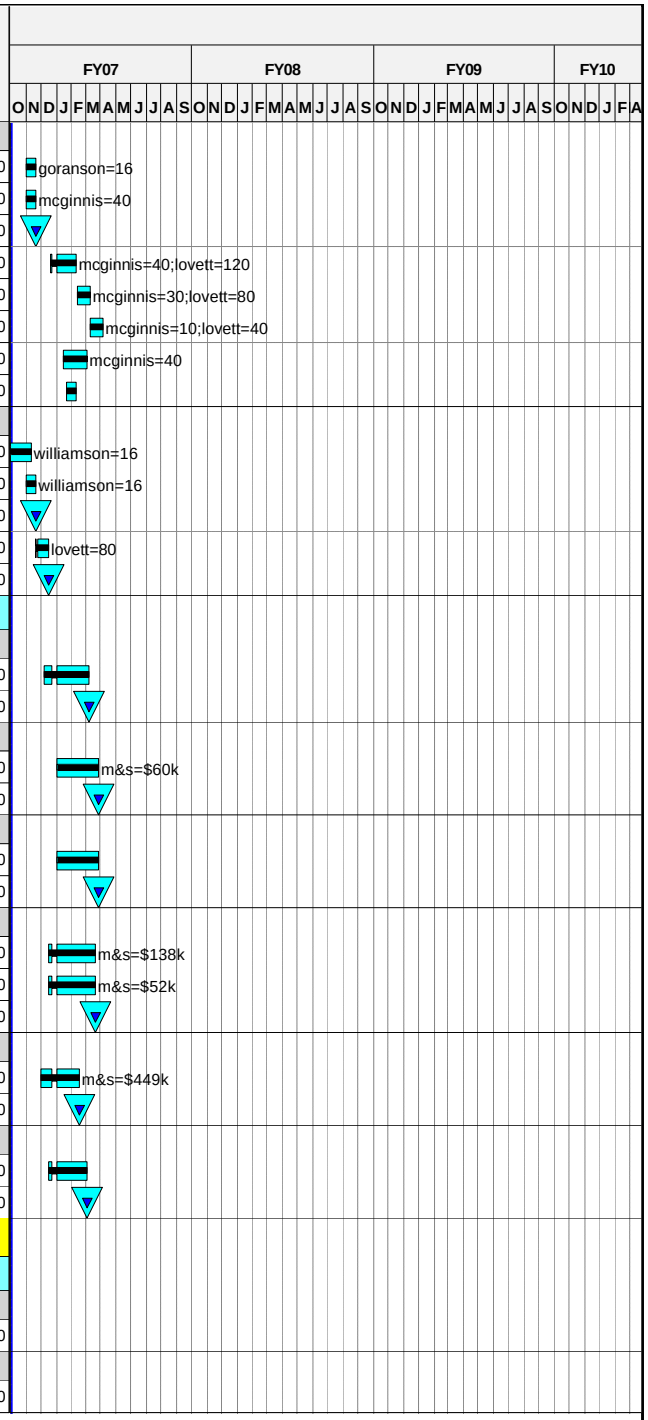
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
Top Assy drawings										
IH5-005	Identify all stud, bushing, sperical washer, i	01NOV06*	15	21NOV06		150		0.00	2,750.40	0.00
IH5-010	Prepare advanced procurement dwgs calling out	01NOV06*	15	21NOV06		150		0.00	6,876.00	0.00
IH5-015	Issue specs/dwgs for procurement (studs, bushi		0	21NOV06		150		0.00	0.00	0.00
IH5-020	Finish 3-coil top assembly	22DEC06*	30	09FEB07		134		0.00	27,504.00	0.00
IH5-021	Finish 6-coil top assembly	12FEB07*	20	09MAR07		195		0.00	18,909.00	0.00
IH5-022	Finish 18-coil top assembly	12MAR07*	20	06APR07		423		0.00	8,595.00	0.00
IH5-025	Develop as-built model and drawing format	15JAN07*	36	05MAR07		134		0.00	6,876.00	0.00
IH5-030	Complete assembly spec	22JAN07	15	09FEB07		150		0.00	0.00	0.00
Other insulation over wings										
IH6-005	Finalize requirements	11SEP06A	34	10NOV06		141	20	546.67	2,733.33	0.00
IH6-010	finalize design	01NOV06*	15	21NOV06		134		0.00	2,750.40	0.00
IH6-015	Review for approval to proceed		0	21NOV06		134		0.00	0.00	0.00
IH6-020	Prepare dwgs and release	22NOV06	16	15DEC06		134		0.00	13,752.00	0.00
IH6-025	Issue dwgs for Fabrication		0	15DEC06		134		0.00	0.00	0.00
Job: 1431 - Mod. Coil Interface Hardware-DUDEK										
3 Point positioning hardware										
IH1-030	Bid, Award, Procure or Fabricate	07DEC06*	60	08MAR07		131		0.00	0.00	0.00
IH1-035	Receive and inspect 3 point positioning hardwa		0	08MAR07		131		0.00	0.00	0.00
Bladders										
1421-410	Bid, Award, Procure or Fab Bladders	02JAN07	60	26MAR07		119		0.00	60,000.00	60,000.00
IH2-040	Receive and inspect Bladders		0	26MAR07		119		0.00	0.00	0.00
Bolt Reaming										
IH3-030	Bid, Award, Procure or Fab Bolt Reaming	02JAN07*	60	26MAR07		119		0.00	0.00	0.00
IH3-035	Receive and inspect Bolt Reaming		0	26MAR07		119		0.00	0.00	0.00
Shear plate and shims										
1421-210	Bid, Award, Procure Shear plate and shims	18DEC06*	60	19MAR07		124		0.00	138,000.00	138,000.00
1421-411	Deliverhardware for inboard joint friciton	18DEC06*	60	19MAR07		124		0.00	52,000.00	52,000.00
IH4-035	Receive and inspect Shear plate and shims		0	19MAR07		124		0.00	0.00	0.00
Top Assy drawings										
1421-110	Bid, Award, Procure stud, bushing, sperical wa	01DEC06*	50	16FEB07		145		0.00	449,000.00	449,000.00
IH5-040	Receive and inspect stud, bushing, sperical wa		0	16FEB07		145		0.00	0.00	0.00
Other insulation over wings										
IH6-030	Bid, Award, Procure or Fab Other insulation	18DEC06*	50	05MAR07		134		0.00	0.00	0.00
IH6-035	Receive and inspect Other insulation over wing		0	05MAR07		134		0.00	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	18,540.00
+ Reqmnts,Configuration, Interfaces and PDR										
		21OCT03A	242	30SEP04A				16,068.00	16,068.00	16,068.00



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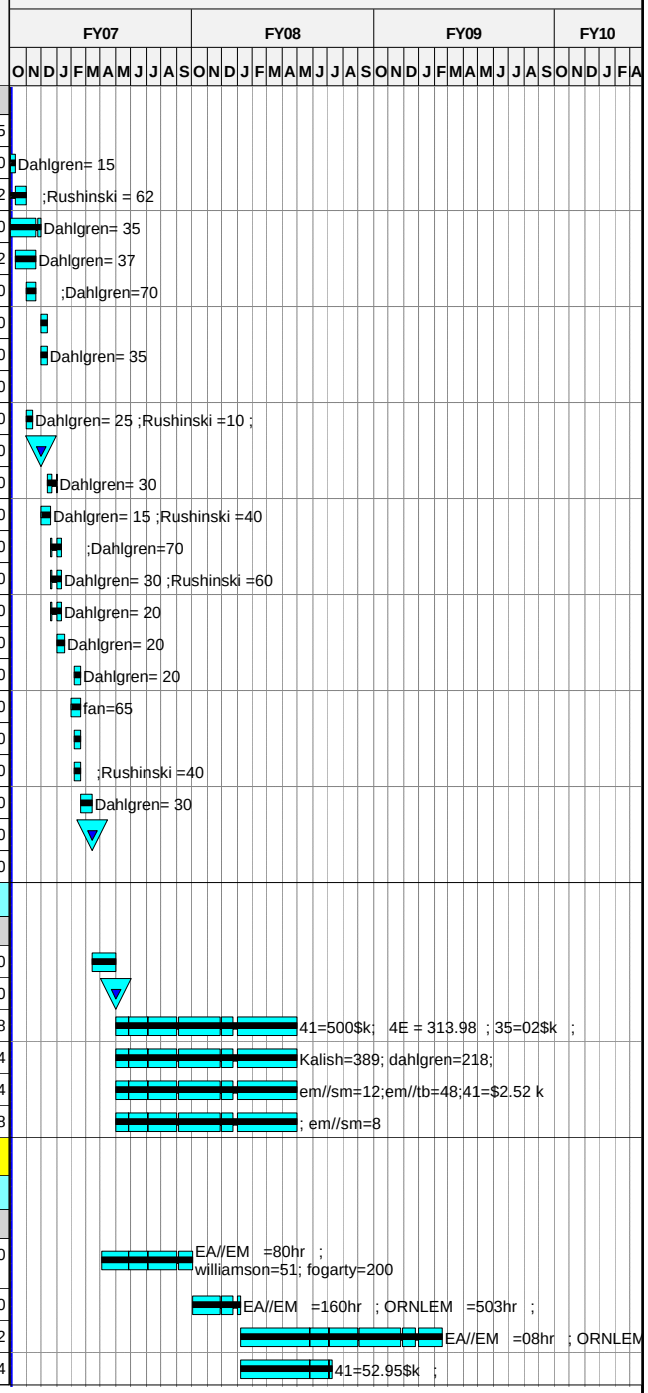
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
1501-001	Prelim Design Structures	01JUL05A	110*	30SEP05A			100	45,443.75	45,443.75	45,443.75
1501-201	Write ICD's	02OCT06*	6	09OCT06		118		0.00	2,667.90	2,610.90
1501-205	Update Design/models	01MAY06A	87*	31OCT06		123		8,844.02	10,838.26	10,791.72
1501-209	Prepare SRD	03JUL06A	63*	30NOV06		114	25	1,545.19	6,180.77	6,092.10
1501-213	Approve ICD's	10OCT06*	32	22NOV06		118		0.00	6,580.82	6,440.22
1501-217	Update stress analysis	01NOV06*	15	21NOV06		119		0.00	12,450.20	12,184.20
1501-221	approve SRD	01DEC06	10	14DEC06		697		0.00	0.00	0.00
1501-225	Write prelim purchase spec	01DEC06*	8	12DEC06		114		0.00	6,225.10	6,092.10
1501-229	Create Prelim Assemblies	03JUL06A	5	31JUL06A			100	6,092.10	6,092.10	6,092.10
1501-233	PDR Preparation	01NOV06*	11	15NOV06		123		0.00	6,225.10	6,092.10
1501-PDR	PDR		0	30NOV06		114		0.00	0.00	0.00
1501-241	Write final purchase spec	13DEC06*	10	03JAN07		114		0.00	5,335.80	5,335.80
1501-246	Update Models	01DEC06*	14	20DEC06		114		0.00	9,782.30	9,782.30
1501-249	Update Analysis	21DEC06	10	11JAN07		114		0.00	12,450.20	12,450.20
1501-253	Prep Final Drawings	21DEC06	11	12JAN07		117		0.00	16,007.40	16,007.40
1501-257	Detailed Hardware Analysis	21DEC06	10	11JAN07		114		0.00	3,557.20	3,557.20
1501-261	Write Statement of work	04JAN07	10	17JAN07		114		0.00	3,557.20	3,557.20
1501-265	Approve Purchase Spec	07FEB07*	10	20FEB07		100		0.00	3,557.20	3,557.20
1501-269	Check Analysis	01FEB07*	14	20FEB07		100		0.00	11,560.90	11,560.90
1501-273	Approve SOW	07FEB07	10	20FEB07		100		0.00	0.00	0.00
1501-277	Prep Assy Dwgs	07FEB07	10	20FEB07		100		0.00	7,114.40	7,114.40
1501-281	Prep for FDR	21FEB07	15	13MAR07		100		0.00	5,335.80	5,335.80
1501-FDR	FDR		0	13MAR07		100		0.00	0.00	0.00
FY06CV-113	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	2,350.00	2,350.00	2,350.00
Job:1550 - Coil Structures Procurement -DAHLGREN										
1501-245	Prep Spec,Solicit Bids, and Evaluate Bids	14MAR07*	35	01MAY07		100		0.00	0.00	0.00
162-036.9	Award Coil Support Structure		0	01MAY07		100		0.00	0.00	0.00
162-037	Fabricate Coil Structure	02MAY07	249	30APR08		100		0.00	1,012,878.78	1,009,730.08
162-031	Title III engr WBS 151	02MAY07	249	30APR08		100		0.00	109,319.21	155,492.74
153.037	WBS 153 Support Structure I&C Procurement/Fab	02MAY07*	249	30APR08		100		0.00	9,157.64	9,114.14
153.015	Title III design WBS 153 localI&C	02MAY07*	249	30APR08		100		0.00	1,064.29	1,059.08
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		158		0.00	57,409.27	57,375.70
191-011	Title II design WBS 161 LN2 manifolds&piping	03OCT07	60	07JAN08		158		0.00	119,261.00	114,923.30
191-031	Title III engr WBS 161	08JAN08	280	18FEB09		158		0.00	17,085.57	16,567.82
191-037	Procurement WBS 161	08JAN08	130	09JUL08		170		0.00	74,394.75	72,677.54



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Forecast
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Critical Activity

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Progress Through September 30st 2006

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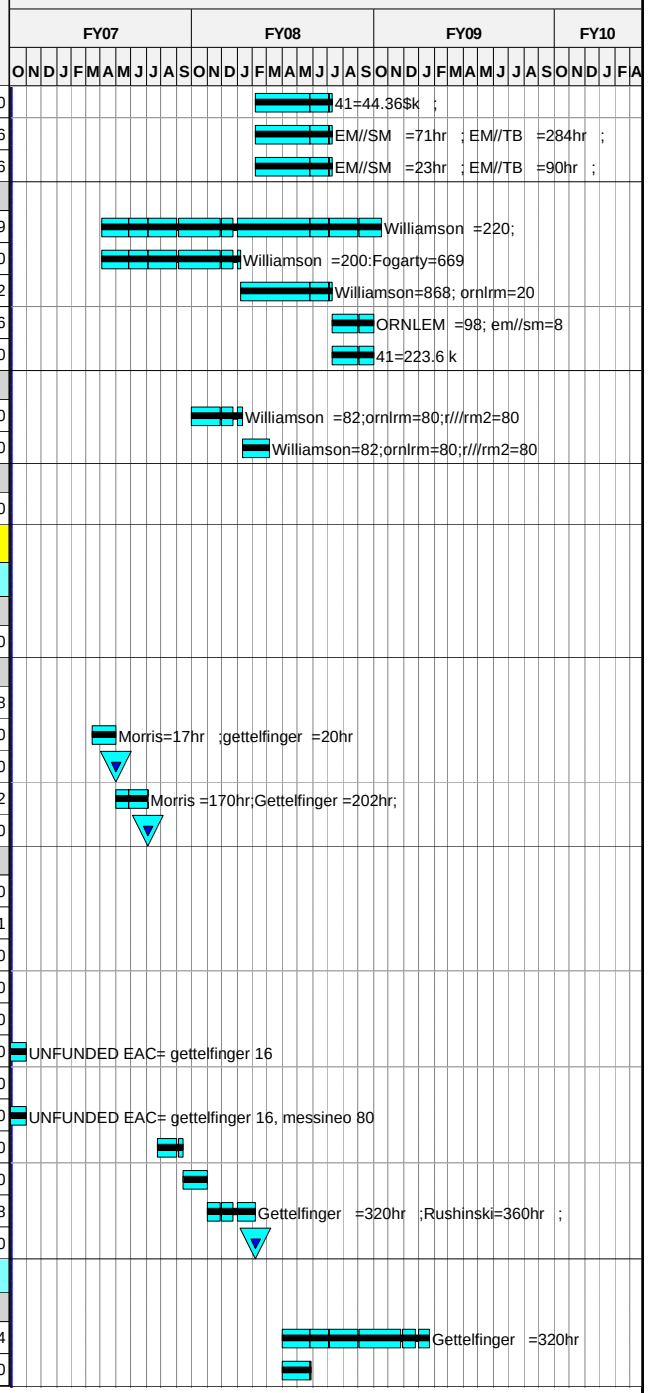
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
191-038	PDR#17	05FEB08*	110	09JUL08		170		0.00	62,325.80	62,325.80
191-041	LN2 Manifolds & ppg Fab/assy/instl WBS 161	05FEB08*	110	09JUL08		170		0.00	33,821.56	33,821.56
191-042	PDR #17,25,3	05FEB08*	110	09JUL08		170		0.00	10,785.36	10,785.36
162 - Electrical Leads										
132-000	PDR #17 & 25	02APR07*	389*	16OCT08		238		0.00	38,917.55	41,396.19
132-001	Title I design WBS 162 Coil leads	02APR07*	189*	07JAN08		100		0.00	151,405.09	153,159.10
132-011	Title II design WBS 162 Coil leads	08JAN08	130	09JUL08		100		0.00	159,391.00	153,686.42
132-015	Title III design WBS 162 Coil leads	10JUL08*	60	02OCT08		248		0.00	18,643.46	18,618.16
132-037	Coil Leads Procurement WBS 162	10JUL08*	60	02OCT08		100		0.00	314,446.99	314,186.10
163 - Coil Protection System										
163.001	Title I design WBS 163 Coil protection	01OCT07*	65	10JAN08		187		0.00	43,938.80	42,744.60
163.011	Title II design WBS 163 Coil protection	11JAN08	40	06MAR08		187		0.00	43,938.80	42,744.60
FY06CV-114	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	2,790.00	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	239,180.00
Base Support										
161-001	Revise Preliminary Design for new supt locations	03APR06A	123*	30JUN06A			100	49,300.81	49,300.81	51,398.28
161-002	Complete Preliminary Design	14MAR07	35	01MAY07		164		4,948.85	5,498.72	0.00
151-003	Base Support Struct PDR		0	01MAY07*		164		0.00	0.00	0.00
161-011	Final Design Base Support Structure WBS 172	02MAY07	45	05JUL07		164		0.00	55,935.80	64,639.22
172-199	Base Support Structure FDR		0	05JUL07		164		0.00	0.00	0.00
Cryostat										
151-000	Adv Concep Design Cryostat shell & struct	01DEC03A	103*	31MAR04A			100	6,000.00	6,000.00	6,000.00
151-001	Title I design WBS 171 cryostat	01APR04A	270*	29APR05A			100	125,850.61	125,850.61	125,850.61
151-002	Cryostat PDR		0	29APR05A			100	0.00	0.00	0.00
171-100	Investigate Alt Cryostat Architecture	01DEC05A	38*	31JAN06A			100	0.00	0.00	0.00
171-101	Finalize cryostat penetrations for VV	03JAN06A	0*	31JAN06A			100	0.00	0.00	0.00
171-102	Select gas-filled insulation-all svcs	03JAN06A	151*	31OCT06		401	95	0.00	0.00	0.00
171-103	Finalize cryo midplane arch	03JAN06A	20*	31JAN06A			100	0.00	0.00	0.00
171-104	Plan WBS 16 interface	22FEB06A	115*	31OCT06		401	5	0.00	0.00	0.00
171-190	Define prototypical testing plan	25JUL07	35	12SEP07		151		0.00	0.00	0.00
171-192	Test cooling system	13SEP07	35	31OCT07		151		0.00	0.00	0.00
151-011	Final Design Cryostat WBS 171	01NOV07*	60	05FEB08		151		0.00	124,019.60	243,232.28
171-199	Cryostat FDR		0	05FEB08		151		0.00	0.00	0.00
Job: 1751 - Cryostat Procurement										
171 - Cryostat										
151-031	Title III engr	01APR08	202	23JAN09		176		0.00	59,712.19	33,266.14
151-036.8	Prep Spec, Solicit bids, and Select Vendor	01APR08*	43	30MAY08		112		0.00	0.00	0.00



Run Date 20OCT06 09:19

Forecast
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Progress Bar
Critical Activity

EC52

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ECP-52
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Progress Through September 30st 2006

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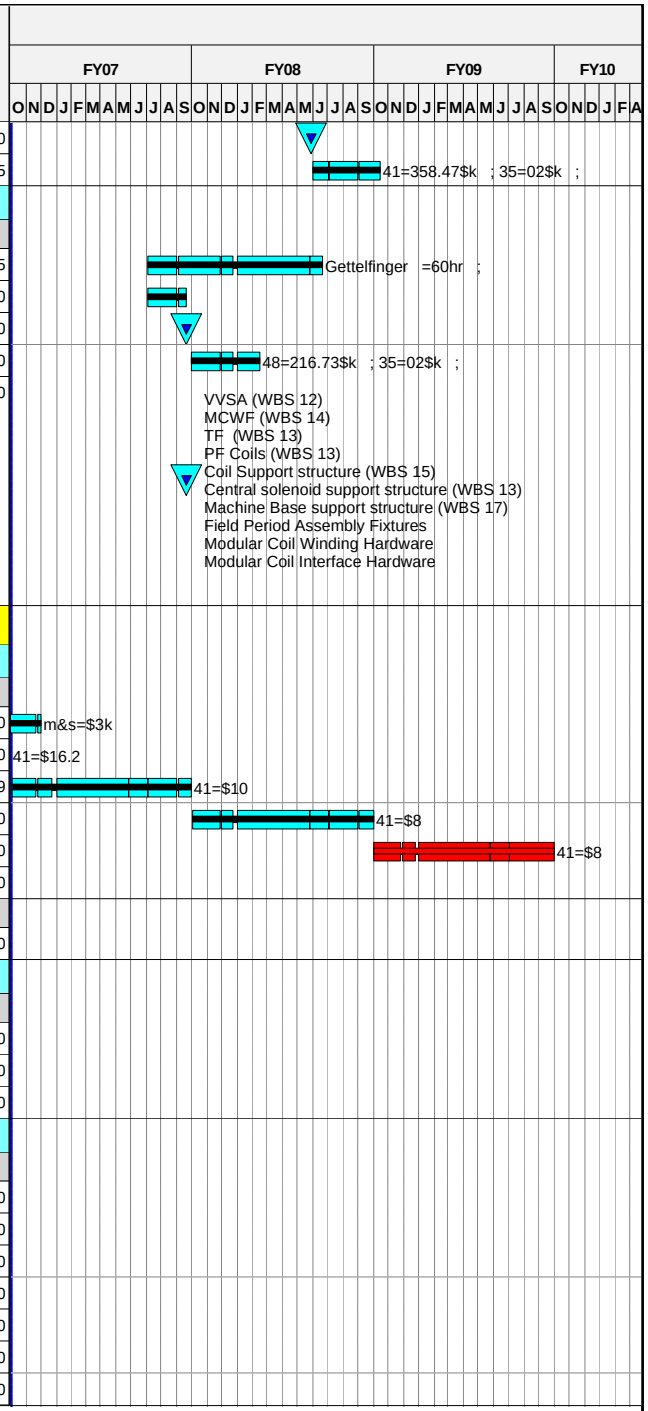
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
151-036.9	Award Cryostat Procurement		0	30MAY08*		112		0.00	0.00	0.00
151-037	Cryostat Procurement & PPPL fab [A/1]	02JUN08	95	14OCT08		112		0.00	317,562.35	507,236.35
Job: 1752 - Base Support Structure Procurement										
172 - Base Support Structure										
161-031	Title III engr WBS 172	06JUL07	240	20JUN08		320		0.00	10,853.10	10,620.95
161-036.8	Prep Spec, Solicit bids, and Select Vendor	06JUL07	55	21SEP07		164		0.00	0.00	0.00
161-036.9	Award Mach Base&Coil struct as one Procurement		0	21SEP07		164		0.00	0.00	0.00
161-037	Machine Base&supports Procurement [A/1]	01OCT07*	90	14FEB08		159		0.00	220,316.00	220,272.00
JM-07	ALL CRITICAL STELLARATOR CORE CONTRACTS PLACED		0	21SEP07		505		0.00	0.00	0.00
18 - Field Period Assembly										
Job: 1804-Metrology Hardware-RAFTOPOULOS										
Metrology										
740.100	Romer CMM- spare probes	03JAN06A	233*	30NOV06		707	50	2,056.50	4,113.00	4,113.00
740.105	Romer CMM-Software support&warranty renewal	01OCT05A	249*	29SEP06		749	LOE	22,121.36	22,210.20	22,210.20
740.106	Romer CMM-Software support&warranty renewal	03OCT06*	249*	01OCT07		499		0.00	13,721.19	13,721.19
740.107	Romer CMM-Software support&warranty renewal	03OCT07*	248*	30SEP08		250		0.00	11,240.00	11,240.00
740.108	Romer CMM-Software support&warranty renewal	03OCT08*	248*	30SEP09		0		0.00	11,520.00	11,520.00
740.110	Romer CMM-Laptop for 2nd arm	01OCT05A	5	31OCT05A			100	5,484.00	5,484.00	5,484.00
+										
		19JAN04A	681	29SEP06		749		519,268.00	519,268.00	519,268.00
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	7,750.00
1801-002	Apr-Sept MIE Costs ORNL	01APR03A	42	30SEP03A			100	53,050.00	53,050.00	53,050.00
FY06CV-130	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	3,890.00	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	16,056.00
1803-1.02	VV Support Fixture - model design& drawing detai	01FEB05A	73	31MAY05A			100	13,604.00	13,604.00	13,604.00
1803-1.04	Metrology -sightline layout metrology support	13APR05A	18	31MAY05A			100	25,502.00	25,502.00	25,502.00
1803-1.05	Structural / Seismic Analysis check	01FEB05A	86*	31MAY05A			100	13,220.00	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	1,983.00
1803-1.09	Safety Review documentation / presentation	02SEP05A	10	15SEP05A			100	2,644.00	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	1,983.00



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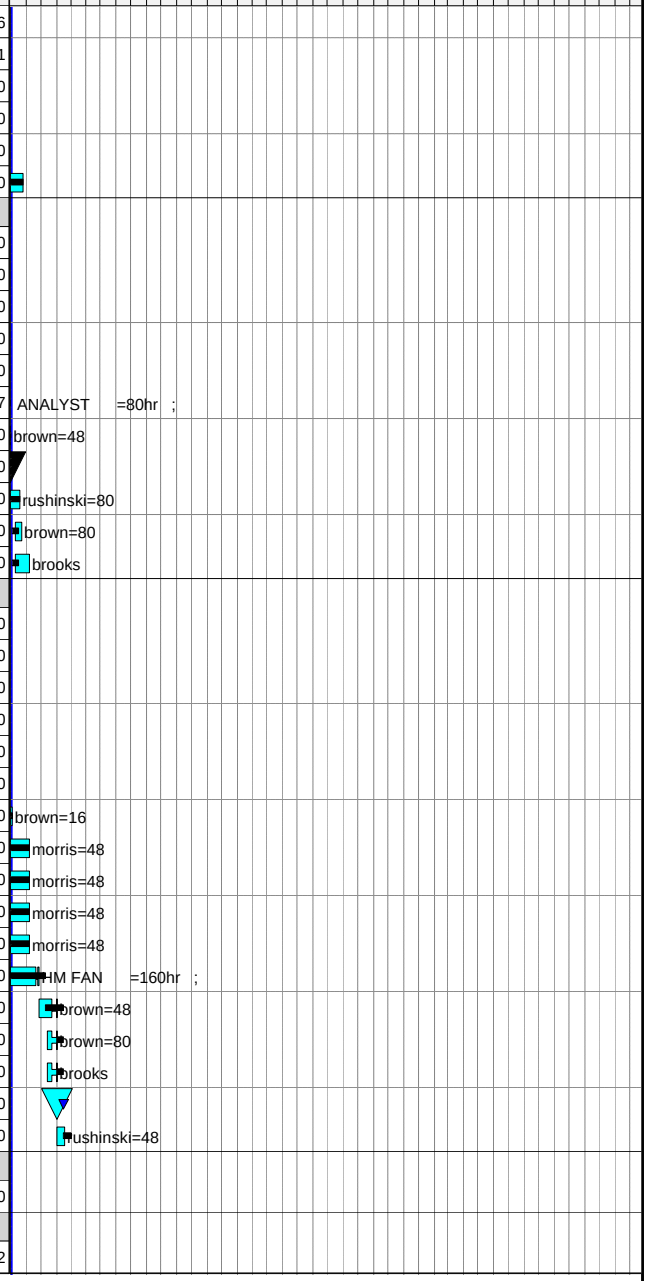
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
1803-1.07	Design check and sign-off	20SEP05A	30*	31OCT05A			100	3,636.96	3,636.96	3,636.96
1803-1.10	Fab / Design Review - follow-up activities	20SEP05A	30*	31OCT05A			100	7,214.11	7,214.11	7,214.11
1803-1.08	Prep & Issue dwgs,and requisition	31OCT05A	5*	31OCT05A			100	0.00	0.00	0.00
1803-1.12	PPPL FAB - VV support Fixture (1st)	17OCT05A	77*	31JAN06A			100	23,307.00	23,307.00	23,307.00
1803-1.13	PPPL FAB - VV support Fixture (2nd)	16DEC05A	53*	31JAN06A			100	0.00	0.00	0.00
1803-1.20	Finalize loop layout on FP 2 & 3	29SEP06	20	26OCT06		730	100	0.00	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	16,056.00
1803-2.02	MC Holding Fixture - model design and drawing	01FEB05A	79*	29APR05A			100	21,728.00	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	15,209.60
1803-2.055	Update concept definition and reqmnts	05JUN06A	5	30JUN06A			100	0.00	0.00	0.00
1803-2.056	HP support stand	01JUN06A	15	30JUN06A			100	0.00	0.00	0.00
1803-2.05	Structural / Seismic Analysis	10APR06A	137*	27SEP06A			100	13,924.80	13,924.80	13,963.77
1803-2.057	Resolve use of JPP holdinbg fixture	27SEP06A	6	27SEP06A			100	8,354.88	8,354.88	0.00
1803-2.061	PDR/FDR Half Period Assy		0	27SEP06A			100	0.00	0.00	0.00
1803-2.08D	Dwgs/specs for tooling released for fab	01SEP06A	35*	20OCT06		117	90	12,649.58	14,055.09	0.00
1803-2.08A	Assy sequence plan drafted	11OCT06*	10	24OCT06		180		0.00	14,228.80	0.00
1803-2.08C	Dimensional control plan drafted	11OCT06*	22	09NOV06		168		0.00	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	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	1,983.00
1803-3.03	MC Gantry Crane - model design and drawing detai	29NOV04A	40*	31JAN05A			100	14,265.00	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	8,849.00
1803-3.05	Platform - design and drawing details	01FEB05A	7	29APR05A			100	9,179.50	9,179.50	9,179.50
1803-3.084	Industry Info Meeting	21FEB05A	1	21FEB05A			100	0.00	0.00	0.00
1803-3.15A	Requirements finalized	29SEP06*	2*	02OCT06		184	75	0.00	2,815.36	0.00
1803-3.15	Models&dwgs for- MC load support	29SEP06*	30	09NOV06		156	75	0.00	8,531.20	0.00
1803-3.17	Models&dwgs for- Laser screen guide mods	29SEP06*	30	09NOV06		156	75	0.00	8,531.20	0.00
1803-3.18	Models&dwgs for-VV support stand	29SEP06*	30	09NOV06		156	75	0.00	8,531.20	0.00
1803-3.19	Models&dwgs for-Mechanical screw drive	29SEP06*	30	09NOV06		156	75	0.00	8,531.20	0.00
1803-3.07	Structural analysis Analysis	29SEP06	41	28NOV06		125		0.00	28,442.77	48,736.80
1803-3.66	Metrology layout	29NOV06*	20	03JAN07		125		0.00	8,537.28	0.00
1803-3.22	Assy sequence plan drafted	13DEC06	10	03JAN07		125		0.00	14,228.80	0.00
1803-3.23	Dimensional control plan drafted	13DEC06	10	03JAN07		125		0.00	0.00	0.00
1803-3.15E	PDR/FDR		0	03JAN07		125		0.00	0.00	0.00
1803-3.20	Dwgs/specs for tooling released for fab	04JAN07*	10	17JAN07		125		0.00	8,537.28	0.00
+ 3.10 MC Turning Fixture-Industry Option										
		02MAY05A	86	31AUG05A			100	20,243.80	20,243.80	20,243.80
+ 3.20 MC Turning Fixture-Crane Option										
		01MAY05A	86	31AUG05A			100	94,654.12	94,654.12	94,654.12



Run Date 20OCT06 09:19

Forecast
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Progress Bar
Critical Activity

EC52

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ECP-52
10/20/06 am

Progress Through September 30st 2006

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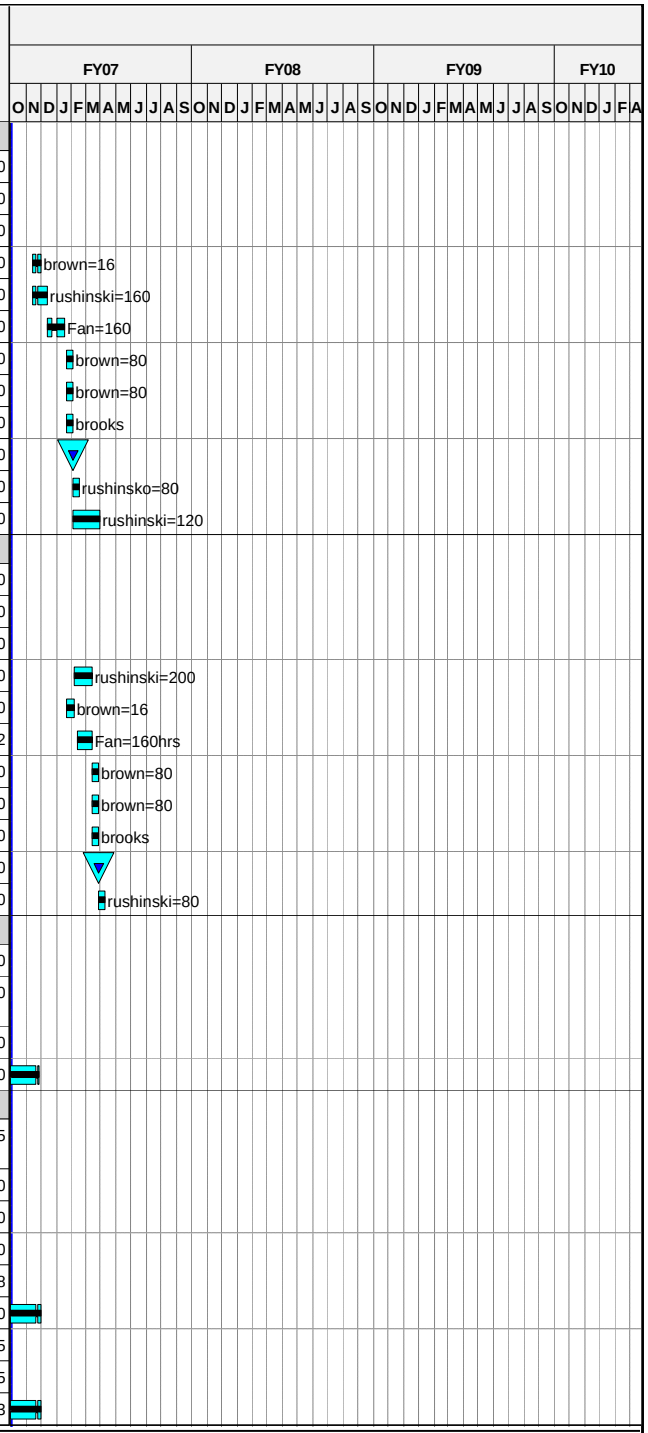
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
Station 4-TF Coil Sub-assembly										
1803-4.02	MC Support Stand - model design and drawing deta	01APR05A	89*	31MAY05A			100	14,265.00	14,265.00	14,265.00
1803-5.001	Concept definition and requirements	02MAY05A	10	31MAY05A			100	10,704.00	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	21,397.50
1803-4.01A	Requirements finalized	15NOV06*	10	30NOV06		204		0.00	2,845.76	0.00
1803-4.06	Models&dwgs completed for TF suprt&rotation fixt	15NOV06*	20	14DEC06		174		0.00	28,457.60	0.00
1803-4.07	Structural Analysis	15DEC06*	20	19JAN07		174		0.00	28,457.60	34,812.00
1803-4.06A	Metrology layout	22JAN07	10	02FEB07		174		0.00	14,228.80	0.00
1803-4.10B	Assy sequence plan drafted	22JAN07	10	02FEB07		174		0.00	14,228.80	0.00
1803-4.10C	Dimensional control plan drafted	22JAN07	10	02FEB07		174		0.00	0.00	0.00
1803-4.08	PDR/FDR		0	02FEB07		174		0.00	0.00	0.00
1803-4.081	Dwgs/specs for tooling released for fab	05FEB07	10	16FEB07*		174		0.00	14,228.80	0.00
1803-4-105	Stage 4 dwg-SE130-XXX HALF PERIOD TF ASSY	05FEB07*	40	30MAR07		204		0.00	21,343.20	0.00
Station 5-Final Field Period Assembly										
1803-4.01	Concept definition and requirements	01MAR05A	5	28MAR05A			100	10,704.00	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	14,265.00
1803-5.002	TF Rotation Fixture plus dwgs start	02MAY05A	129*	30SEP05A			100	32,592.00	32,592.00	32,592.00
1803-5.003	Models & dwgs completed	06FEB07*	25	12MAR07		141		0.00	35,572.00	0.00
1803-5.1	Requirements finalized	23JAN07*	10	05FEB07		141		0.00	2,845.76	0.00
1803-5.004	Structural Analysis	13FEB07	20	12MAR07		141		0.00	28,457.60	35,507.32
1803-5.200	Metrology layout	13MAR07	10	26MAR07		141		0.00	14,228.80	0.00
1803-5.101	Assy sequence plan drafted	13MAR07	10	26MAR07		141		0.00	14,228.80	0.00
1803-5.102	Dimensional control plan drafted	13MAR07*	10	26MAR07		141		0.00	0.00	0.00
1803-5.005	PDR/FDR		0	26MAR07		141		0.00	0.00	0.00
1803-5.007	Dwgs/Specs for tooling released for fab	27MAR07	10	09APR07		141		0.00	14,228.80	0.00
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	9,066.40
1803-5.03	Design MC assy test components	01JUN05A	25*	30JUN05A			100	32,112.00	32,112.00	32,112.00
1803-5.04	Fab - Test Articles	01JUL05A	65*	30SEP05A			100	19,215.00	19,215.00	19,215.00
1803-5.02	TFTR Test Cell FPA arrgmnt dwg	02OCT06*	40	28NOV06		172		0.00	0.00	0.00
7.00-Oversight										
1803-7.01	Meetings Prep and Reporting	01NOV04A	230*	30SEP05A			LOE	114,037.05	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	9,915.00
1803-7.03	Develop and maintain assembly plan document	01NOV04A	349*	30SEP05A			LOE	9,254.00	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	24,800.00
1803-7.10	Tom Brown Engineering	03OCT05A	249*	01AUG06A			LOE	156,615.71	156,615.71	189,377.28
1803-7.11	Tom Brown Engineering (resources above)	02OCT06*	42*	30NOV06		707	LOE	0.00	0.00	24,651.40
1803-7.20	Design Activity	03OCT05A	249*	01AUG06A			LOE	124,050.46	124,050.46	149,999.85
1803-7.21	Design Activity	01MAY06A	107*	01AUG06A			LOE	10,598.45	10,598.45	17,723.15
1803-7.22	Design Activity (resources above)	02OCT06*	42*	30NOV06		707	LOE	0.00	0.00	32,958.53



Run Date 20OCT06 09:19

Forecast
z0608
Progress Bar
Critical Activity

EC52

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ECP-52
10/20/06 am

Progress Through September 30st 2006

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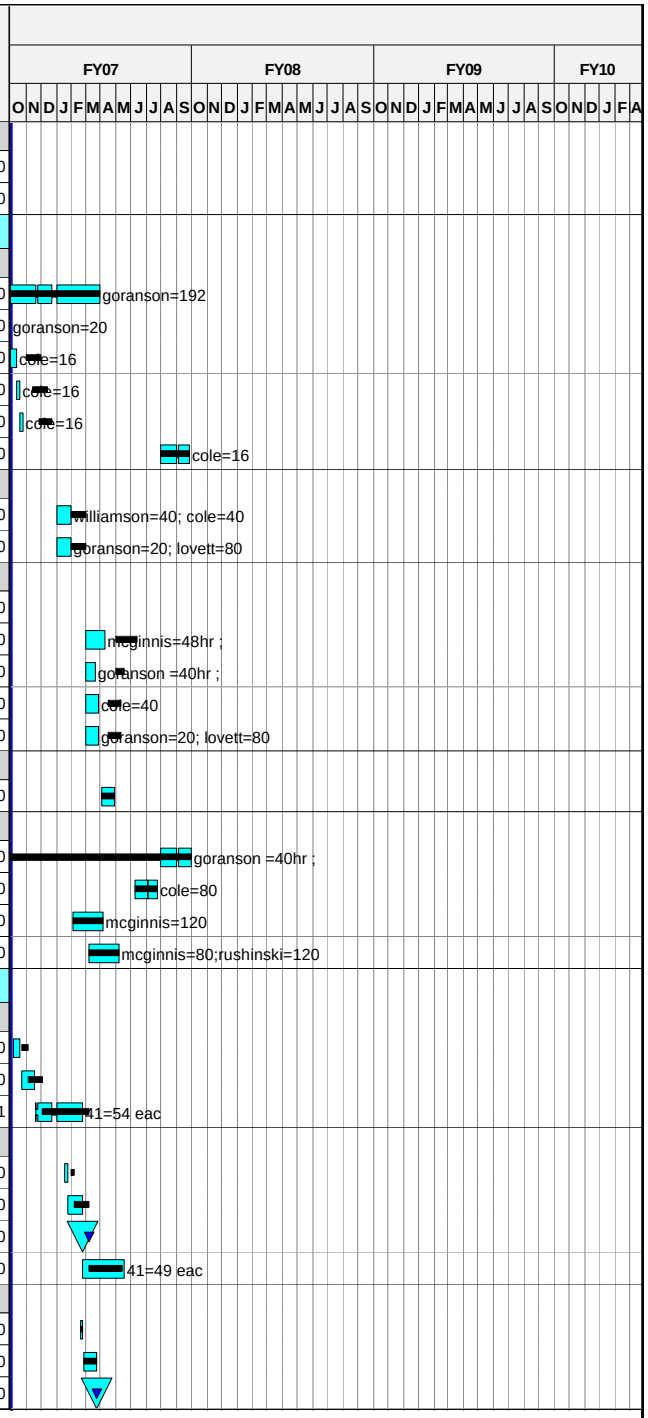
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
Prior Costs										
FY05CV-29	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-148,000.00	-148,000.00	-148,000.00
FY06CV-140	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	6,100.00	6,100.00	6,100.00
Job: 1806 - FP Assembly specs and drawings-COLE										
1.00-VV Prep Station										
121-034.2	VVSA Title III engr as-built vvsa models/dwgs	02OCT06*	122	30MAR07		627	LOE	0.00	33,004.80	0.00
1803-1-100	Prep Stage 1 Spec	01SEP06A	20	29SEP06A			100	3,374.00	3,374.00	0.00
1803-1-105	Stage 1 dwg -SE121-004	29SEP06	10	12OCT06		241		0.00	2,745.28	0.00
1803-1-110	Stage 1 dwg -SE121-008	13OCT06	5	19OCT06		241		0.00	2,750.40	0.00
1803-1-115	Stage 1 dwg -SE121-049 (BOM)	20OCT06	5	26OCT06		241		0.00	2,750.40	0.00
1803-1-120	Spacer specification and assy dwgs	01AUG07*	40	26SEP07		283		0.00	2,750.40	0.00
Station 2-Modular Coil Sub- Assembly										
1803-2-100	Prep Stage 2 Spec	02JAN07*	20	29JAN07		119		0.00	13,752.00	0.00
1803-2-105	Stage 2 dwg-se140-xInterface between MC &insul	02JAN07*	20	29JAN07		119		0.00	17,190.00	0.00
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	6,748.00
1203-880	Issue 120-049,004 & 008	01MAR07*	28	09APR07		137		0.00	8,251.20	0.00
1203-804	Issue VV assy specification	01MAR07*	13	19MAR07		152		0.00	6,876.00	6,748.00
1803-3-100	Prep stage 3 Spec	01MAR07*	20	28MAR07		145		0.00	6,876.00	0.00
1803-3-105	Stage 3 dwg-se140-xxx - Interface between VV and	01MAR07*	20	28MAR07		145		0.00	17,190.00	0.00
Station 4-TF Coil Sub-assembly										
1803-4-100	Prep stage 4 Spec	02APR07*	20	27APR07		184		0.00	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	6,748.00
1803-5-100	Prep stage 5 Spec	11JUN07*	30	23JUL07		138		0.00	13,752.00	0.00
1803-5-105	Prep stage 5 dwg-SE180-x PORT LOC.&WELD	05FEB07*	44	05APR07		213		0.00	20,628.00	0.00
1803-5-110	Prep stage 5 dwg-SE180-XXX TF FIELD PERIOD	08MAR07*	44	08MAY07		190		0.00	35,095.20	0.00
Job: 1805-FP Assy H/W&Fixture Procurements-DUDEK										
Station 2-Modular Coil Sub- Assembly										
1803-2.080	Issue requisition	09OCT06	10	20OCT06		117		0.00	0.00	0.00
1803-2.08	Bid,select vendor ,award	23OCT06	20	17NOV06		117		0.00	0.00	0.00
1803-2.11	Fab MC HP Assy Fixtures (1 fixture)	20NOV06*	60	21FEB07		117		0.00	74,034.00	63,216.81
Station 3-Modular Coil to VVSA Assembly										
1803-3.08A	Requisition issued	18JAN07	5	24JAN07		125		0.00	0.00	0.00
1803-3.08B	Recieve & Evaluate Bids	25JAN07	20	21FEB07		125		0.00	0.00	0.00
1803-3.15D	Award Fabrication Contract		0	21FEB07		125		0.00	0.00	0.00
1803-3.15C	Tooling fabricated (1 fixture)	22FEB07	60	16MAY07		125		0.00	67,179.00	55,114.20
Station 4-TF Coil Sub-assembly										
1803-4.13A	Requisition issued	19FEB07	5	23FEB07		174		0.00	0.00	0.00
1803-4.13B	Receive bids and evaluate	26FEB07	20	23MAR07		174		0.00	0.00	0.00
1803-4.13C	Award Fabrication contract		0	23MAR07		174		0.00	0.00	0.00



Run Date 20OCT06 09:19

Forecast
z0608
Progress Bar
Critical Activity

EC52

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ECP-52
10/20/06 am

Progress Through September 30st 2006

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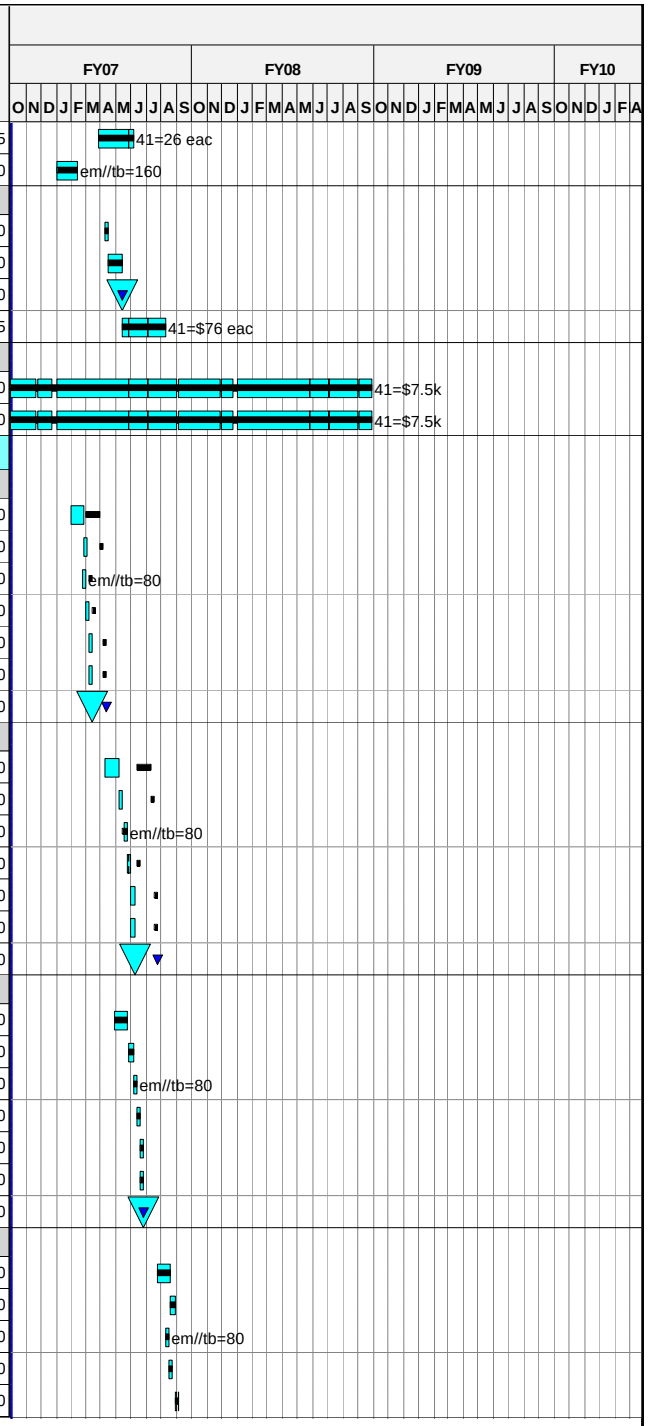
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
1803-4.13	FAB-TF Support Stands (1)	26MAR07	50	04JUN07		174		0.00	35,646.00	26,940.15
1351-090	PPPL Fab TF Coil Lift Beam (M1098)	02JAN07*	30	12FEB07		661		0.00	13,315.20	13,315.20
Station 5-Final Field Period Assembly										
1803-5.08A	Requisition Issued	10APR07	5	16APR07		141		0.00	0.00	0.00
1803-5.08B	Receive bids and evaluate	17APR07	20	14MAY07		141		0.00	0.00	0.00
1803-5.008	Award fabrication contract		0	14MAY07		141		0.00	0.00	0.00
1803-5.009	Fabr suprt frame, TF coil instl fixt, & platform	15MAY07*	60	08AUG07		141		0.00	104,196.00	80,134.95
Tooling Design & Fabrication										
713A.040	General procurements	02OCT06*	498	29SEP08		251		0.00	10,410.00	10,410.00
713A.050	Welding tools, materials & equipt	02OCT06*	498	29SEP08		251		0.00	10,410.00	10,410.00
Job: 1802 - FP Assy Oversight&Support-VIOLA										
Station 2-Modular Coil Sub- Assembly										
1803-2.11B	Procedures approved	30JAN07*	20	26FEB07		119		0.00	0.00	0.00
1803-2.11D	Training needs identified & released	27FEB07*	5	05MAR07		119		0.00	0.00	0.00
1803-2.11A	Install Holding fixture	22FEB07*	5	28FEB07		117		0.00	6,657.60	0.00
1803-2.11C	JHA completed	01MAR07*	5	07MAR07		117		0.00	0.00	0.00
1803-2.11E	ACC review completed	08MAR07*	5	14MAR07		117		0.00	0.00	0.00
1803-2.11F	Pre-jpb brief completed	08MAR07*	5	14MAR07		117		0.00	0.00	0.00
1803-2.11G	Station 2 operational		0	14MAR07		117		0.00	0.00	0.00
Station 3-Modular Coil to VVSA Assembly										
1803-3.11B	Procedures approved	10APR07	20	07MAY07		137		0.00	0.00	0.00
1803-3.11D	Training needs identified & released	08MAY07	5	14MAY07		137		0.00	0.00	0.00
1803-3.15G	Fixtures installed	17MAY07	5	23MAY07		125		0.00	6,657.60	0.00
1803-3.11C	JHA completed	24MAY07	5	31MAY07		125		0.00	0.00	0.00
1803-3.11E	ACC review completed	01JUN07	5	07JUN07		125		0.00	0.00	0.00
1803-3.11F	Pre-job brief completed	01JUN07	5	07JUN07		125		0.00	0.00	0.00
1803-3.11G	Station 3 operational		0	07JUN07		125		0.00	0.00	0.00
Station 4-TF Coil Sub-assembly										
1803-4.11B	Procedures approved	30APR07*	20	25MAY07		184		0.00	0.00	0.00
1803-4.11D	Training needs identified & released	29MAY07*	5	04JUN07		184		0.00	0.00	0.00
1803-4.15G	Fixtures installed	05JUN07	5	11JUN07		174		0.00	6,657.60	0.00
1803-4.11C	JHA completed	12JUN07*	5	18JUN07		174		0.00	0.00	0.00
1803-4.11E	ACC review completed	19JUN07*	5	25JUN07		174		0.00	0.00	0.00
1803-4.11F	Pre-job brief completed	19JUN07*	5	25JUN07		174		0.00	0.00	0.00
1803-4.11G	Station 4 operational		0	25JUN07		174		0.00	0.00	0.00
Station 5-Final Field Period Assembly										
1803-5.11B	Procedures approved	24JUL07*	20	20AUG07		138		0.00	0.00	0.00
1803-5.11D	Training needs identified & released	21AUG07*	5	27AUG07		138		0.00	0.00	0.00
1803-5.15G	Fixtures installed	09AUG07	5	15AUG07		141		0.00	6,657.60	0.00
1803-5.11C	JHA completed	16AUG07*	5	22AUG07		141		0.00	0.00	0.00
1803-5.11E	ACC review completed	28AUG07*	5	04SEP07		138		0.00	0.00	0.00



Run Date 20OCT06 09:19

Forecast
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Critical Activity

EC52

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Progress Through September 30st 2006

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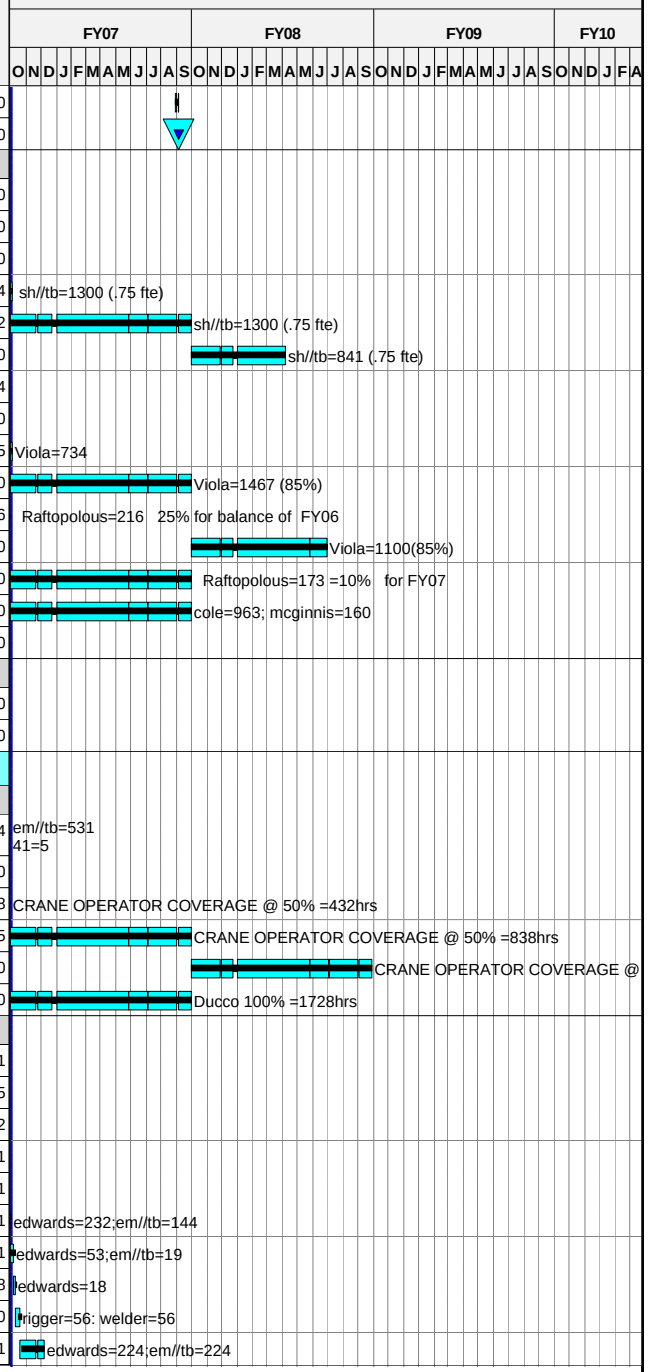
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
1803-5.11F	Pre-job brief completed	28AUG07*	5	04SEP07		138		0.00	0.00	0.00
1803-5.11G	Station 5 operational		0	04SEP07		138		0.00	0.00	0.00
Oversight and Supervision										
181.200	HP Coverage in the TFTR TC LOE FY04	02FEB04A	171*	30SEP04A			LOE	61,119.60	61,119.60	61,119.60
181.201	D-Site Shift Supervisor LOE FY04	01JUL04A	64*	30SEP04A			LOE	25,920.40	25,920.40	25,920.40
181.210	HP Coverage in the TFTR TC LOE FY05	01OCT04A	249*	30SEP05A			LOE	136,539.00	136,539.00	136,539.00
181.222	HP Coverage in the TFTR TC LOE FY06	01OCT05A	250*	02OCT06		748	LOE	146,150.21	147,328.84	147,328.84
181.220	HP Coverage in the TFTR TC LOE FY07	02OCT06*	250*	01OCT07		499		0.00	150,543.22	150,543.22
181.221	HP Coverage in the TFTR TC LOE FY08	01OCT07*	127*	07APR08		373		0.00	75,205.82	154,583.00
181.100	PPPL EM LOE FY04	13OCT03A	242*	30SEP04A			LOE	77,518.74	77,518.74	77,518.74
181.110	PPPL EM LOE FY05	01OCT04A	249*	30SEP05A			LOE	9,625.20	9,625.20	9,625.20
181.120	PPPL EM LOE FY06	01DEC05A	209*	02OCT06		748	LOE	126,095.95	127,369.65	127,369.65
181.121	PPPL EM LOE FY07	02OCT06*	249*	28SEP07		500		0.00	260,099.10	260,099.10
181.120A	Metrology Engineering Supervision FY06	01MAY06A	107*	29SEP06		749		37,258.59	37,596.96	37,478.16
181.122	PPPL EM LOE FY08	01OCT07*	186*	30JUN08		314		0.00	200,288.00	200,288.00
181.120B	Metrology Engineering Supervision FY07	02OCT06*	249*	28SEP07		500		0.00	30,769.78	76,416.30
181.125	Title III field period assembly FY07 ORNL suppor	02OCT06*	249*	28SEP07		500		0.00	193,043.70	0.00
FY05CV-28	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				57,000.00	57,000.00	57,000.00
FY06CV-135	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	-14,280.00	-14,280.00	-14,280.00
FY06CV-300	ECP52 FY06 cv	01APR06A	251*	29SEP06A			100	12,000.00	12,000.00	0.00
Job:1810 - Field Period Assembly-VIOLA										
General F.P. Assy support										
740.020	Facility Prep	01MAR06A	150*	29SEP06A			LOE	50,099.64	50,099.64	50,099.64
FY06CV-150	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	400.00	400.00	400.00
S0P0-100	LOE Crane support, fixture setupfor TFTR TC.	01MAY06A	107*	29SEP06A			LOE	35,182.08	35,182.08	35,182.08
S0P0-200	LOE Crane support, fixture setupfor TFTR TC.	02OCT06*	249*	28SEP07		500	LOE	0.00	69,766.65	69,766.65
S0P0-250	LOE Crane support, fixture setupfor TFTR TC.	02OCT07*	248*	29SEP08		251	LOE	0.00	71,644.54	0.00
S0P0-300	LOE Metrology support	02OCT06*	249*	28SEP07		500	LOE	0.00	143,804.16	0.00
Station 1-VV Prep (hard surface components) FP#1										
S1P1-101	Receive VV and inspect	09MAY06A	2	11MAY06A			100	2,079.11	2,079.11	2,079.11
S1P1-101.1	metrology setup,training and calibration	15MAY06A	34*	13JUN06A			100	8,647.25	8,647.25	8,647.25
S1P1-101A	Prep for mounting on fixture,Instl flanges	14JUN06A	5	29JUN06A			100	5,909.02	5,909.02	5,909.02
S1P1-102	Mount VV on VV Prep fixture (top side up)	30JUN06A	2	30JUN06A			100	2,086.71	2,086.71	2,086.71
S1P1-103	Establish metrology setting; align VV base	30JUN06A	21*	31JUL06A			100	8,158.61	8,158.61	8,158.61
S1P1-103.1	Layout diagnostic&coolant paths on vsl w/templt		0*	29SEP06A			100	42,015.59	42,015.59	41,118.81
S1P1-104	Install heater tape on vertical ports	29SEP06	5	05OCT06		167		0.00	8,409.58	8,265.41
S1P1-105	Verify installation of heater tapes	06OCT06	3	10OCT06		167		0.00	2,329.56	2,279.88
S1P1-105.1	Check port weld fit-up	11OCT06	7	19OCT06		167		0.00	9,320.64	0.00
S1P1-107	Install random magnetic diagnostic sensors	20OCT06	32	06DEC06		167		0.00	54,435.84	45,894.61



Run Date 20OCT06 09:19

Forecast
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Progress Bar
Critical Activity

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Progress Through September 30st 2006

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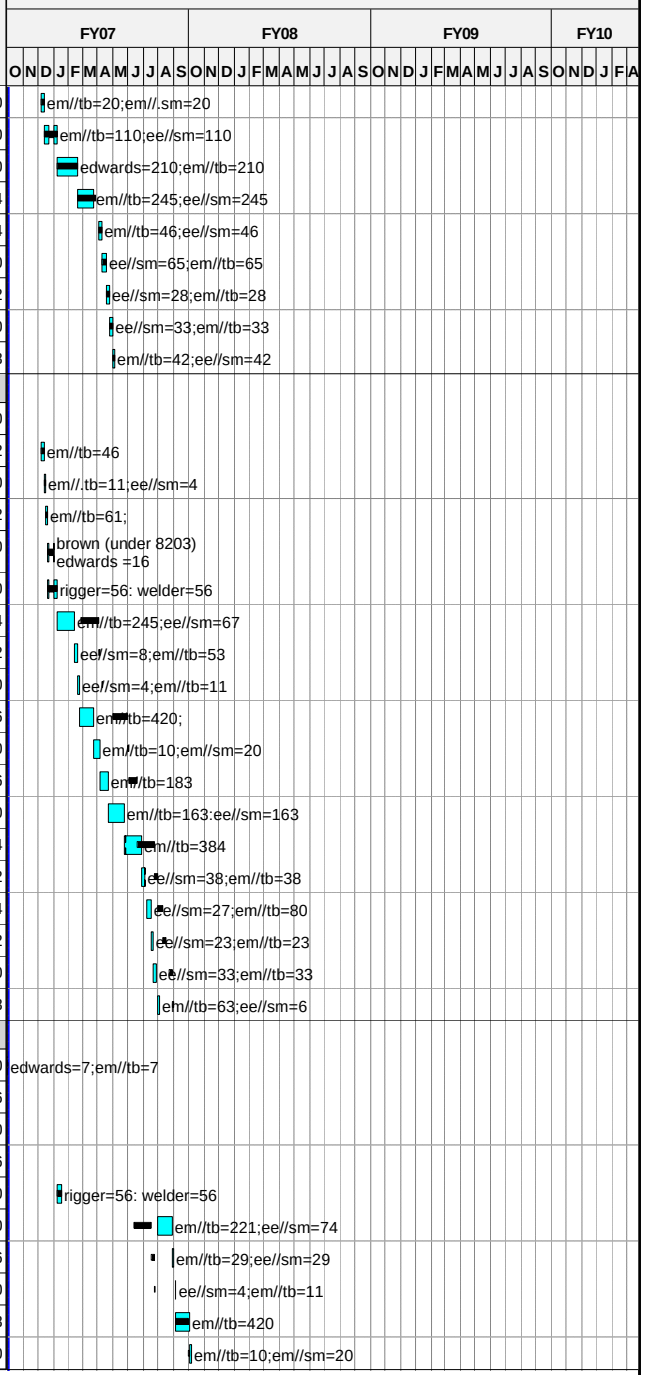
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
S1P1-107.1	Loop termination & verification	07DEC06	5	13DEC06		167		0.00	7,497.70	4,284.40
S1P1-106	Attach studs for coolant lines	14DEC06	12	08JAN07		167		0.00	17,861.76	23,390.40
S1P1-107.2	Install precision magnetic diagnostic sensors	09JAN07	30	19FEB07		167		0.00	51,033.60	0.00
S1P1-108	Install cooling/htg lines to vac vsl	20FEB07	24	23MAR07		167		0.00	40,826.88	69,320.64
S1P1-109	Verify Instl of H/C lines,headers,manifolds	03APR07*	5	09APR07		161		0.00	9,781.44	9,781.44
S1P1-110	Install local I&C (incl thermocouples)	10APR07	7	18APR07		161		0.00	13,821.60	13,821.60
S1P1-111	Verify installation of local I&C	19APR07	3	23APR07		161		0.00	5,953.92	5,953.92
S1P1-112	Final Scan	24APR07	5	30APR07		161		0.00	7,049.01	0.00
S1P1-116	Prepare and transfer completed VV to holding are	01MAY07	3	03MAY07		161		0.00	8,930.88	8,930.88
Station 1- VV Prep (hrd surf cmpntsFP#2 (VVSA#3)										
S1P2-101	Receive VV and inspect	31JUL06A	3	31JUL06A			100	1,664.80	1,664.80	1,664.80
S1P2-101A	Prep for mounting on fixture,Instl flanges	08DEC06*	5	14DEC06		173		0.00	3,828.12	3,828.12
S1P2-102	Mount VV on VV Prep fixture (top side up)	15DEC06	2	18DEC06		173		0.00	1,433.10	1,433.10
S1P2-103	Establish metrology setting; align VV base	19DEC06	3	21DEC06		173		0.00	5,076.42	5,076.42
S1P3-103.2	Perform full machine best fit	22DEC06	2	02JAN07		178		0.00	2,070.72	0.00
S1P2-105.1	Check port weld fit-up	22DEC06	7	09JAN07		173		0.00	9,320.64	0.00
S1P2-103.1	Layout diagnostic&coolant paths on vessel	10JAN07	26	14FEB07		173		0.00	29,060.04	29,060.04
S1P2-104	Install heater tape on vertical ports	15FEB07	4	20FEB07		173		0.00	5,446.02	5,446.02
S1P2-105	Verify installation of heater tapes	21FEB07	1	21FEB07		173		0.00	1,433.10	1,433.10
S1P2-107	Wind magnetic diagnostic sensors	23FEB07	20	22MAR07		173		0.00	23,301.60	36,094.46
S1P2-107.1	Loop termination & verification	23MAR07	9	04APR07		173		0.00	3,452.20	3,452.20
S1P2-106	Attach studs forcoolant lines	05APR07	12	20APR07		173		0.00	15,229.26	15,876.06
S1P2-107.2	Install precision magnetic diagnostic sensors	23APR07	24	24MAY07		173		0.00	34,660.32	0.00
S1P2-108	Install cooling/htg lines to vac vsl	25MAY07	24	28JUN07		173		0.00	31,956.48	49,725.54
S1P2-109	Verify Instl of H/C lines,headers,manifolds	29JUN07	5	06JUL07		173		0.00	8,080.32	8,080.32
S1P2-110	Install local I&C (incl thermocouples)	09JUL07	7	17JUL07		173		0.00	10,151.94	10,151.94
S1P2-111	Verify installation of local I&C	18JUL07	3	20JUL07		173		0.00	4,890.72	4,890.72
S1P2-112	Final Scan	23JUL07	5	27JUL07		173		0.00	7,049.01	0.00
S1P2-116	Prepare and transfer completed VV to holding are	30JUL07	3	01AUG07		173		0.00	6,019.38	6,019.38
Station 1- VV Prep (hrd surf cmpntsFP#3 (VVSA#2)										
S1P3-101	Receive VV and inspect	27SEP06A	3	27SEP06A			100	1,456.70	1,456.70	1,456.70
S1P3-101A	Prep for mounting on fixture,Instl flanges	01AUG06A	3	07AUG06A			100	3,999.34	3,999.34	4,086.66
S1P3-102	Mount VV on VV Prep fixture (top side up)	08AUG06A	1	09AUG06A			100	1,402.48	1,402.48	1,433.10
S1P3-103	Establish metrology setting; align VV base	14AUG06A	4	14AUG06A			100	4,723.52	4,723.52	4,826.76
S1P3-105.1	Check port weld fit-up	10JAN07	7	18JAN07		236		0.00	9,320.64	0.00
S1P3-103.1	Layout diagnostic&coolant paths on vessel	01AUG07*	19	27AUG07		100		0.00	27,968.70	27,968.70
S1P3-104	Install heater tape on vertical ports	28AUG07	4	31AUG07		100		0.00	6,166.56	6,166.56
S1P3-105	Verify installation of heater tapes	04SEP07	1	04SEP07		100		0.00	1,433.10	1,433.10
S1P3-107	Wind magnetic diagnostic sensors	05SEP07	20	02OCT07		100		0.00	35,046.48	36,862.48
S1P3-107.1	Loop termination & verification	03OCT07	3	05OCT07		100		0.00	3,545.00	3,452.20



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Forecast
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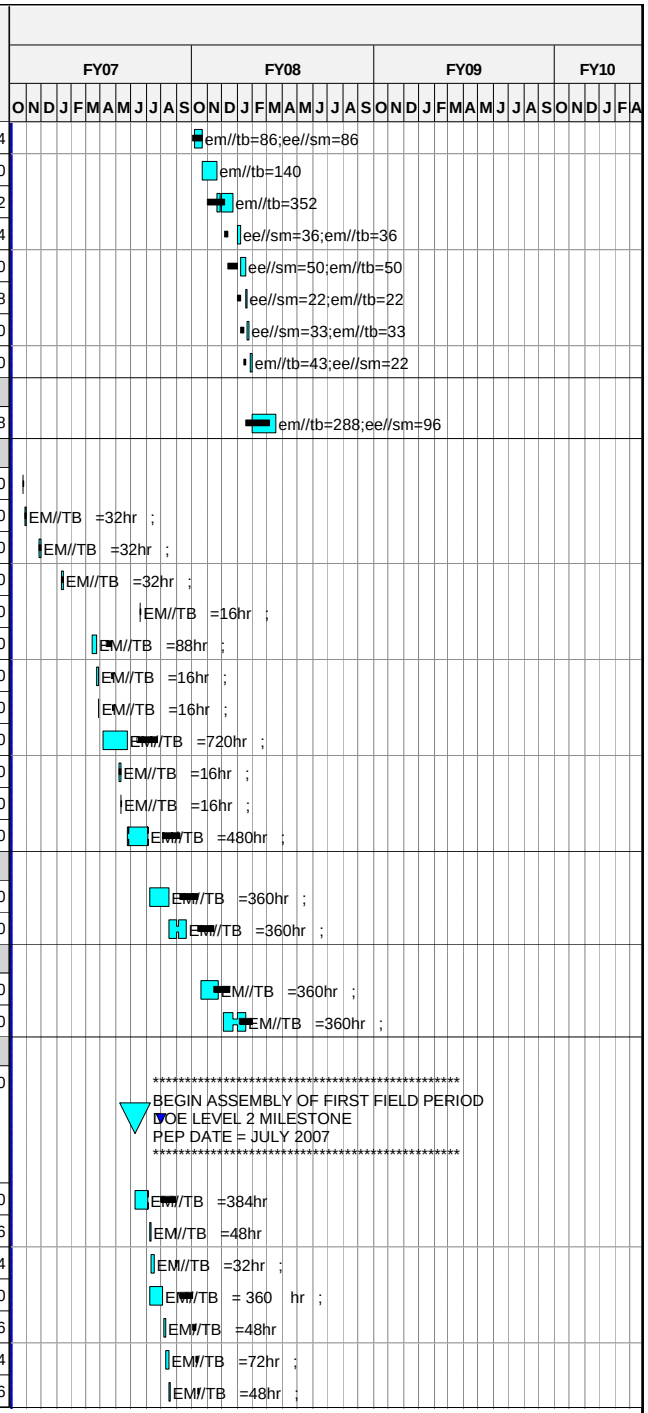
Progress Through September 30st 2006

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-52	ECP-50
S1P3-106	Attach studs forcoolant lines	08OCT07	12	23OCT07		100		0.00	18,779.82	18,287.04
S1P3-107.2	Install precision magnetic diagnostic sensors	24OCT07	19	19NOV07		100		0.00	22,732.36	0.00
S1P3-108	Install cooling/htg lines to vac vsl	20NOV07	22	21DEC07		100		0.00	30,081.92	51,766.32
S1P3-109	Verify Instl of H/C lines,headers,manifolds	02JAN08	5	08JAN08		100		0.00	7,861.32	7,655.04
S1P3-110	Install local I&C (incl thermocouples)	09JAN08	7	17JAN08		100		0.00	10,918.50	10,632.00
S1P3-111	Verify installation of local I&C	18JAN08	3	22JAN08		100		0.00	4,804.14	4,678.08
S1P3-112	Final Scan	23JAN08	3	25JAN08		100		0.00	7,238.97	0.00
S1P3-116	Prepare and transfer completed VV to holding are	28JAN08	3	30JAN08		100		0.00	6,598.80	6,425.70
Station 1-Spool pieces (3) (spacers)										
S1SP-101	Attachdiagnostics, studs and coolant lines	31JAN08	35	19MAR08		202		0.00	37,371.84	36,391.68
Station 2-Modular Coil Subassembly-FP#1										
S2P1-000	Receive MTM Fixture	27OCT06*	1	27OCT06		208		0.00	0.00	0.00
S2P1-001	Pre-fit C2-C3 (no re-work)	30OCT06*	3	01NOV06		208		0.00	2,663.04	0.00
S2P1-003	Pre-fit C1-C5	27NOV06*	3	29NOV06		193		0.00	2,663.04	0.00
S2P1-005	Pre-fit A1-A2	11JAN07*	3	15JAN07		169		0.00	2,663.04	0.00
S2P1-007	Pre-fit C6-C4	18JUN07	2	19JUN07		166		0.00	1,331.52	0.00
S2P1-010	Test out equipt & procedures	15MAR07	6	22MAR07		117		0.00	7,323.36	0.00
S2P1-012	Fit C1-B1	23MAR07	2	26MAR07		117		0.00	1,331.52	0.00
S2P1-014	Fit B1-A1	27MAR07	2	28MAR07		117		0.00	1,331.52	0.00
S2P1-100	Assemble/Align Mod-Coils A1/B1/C1	05APR07	35	23MAY07		112		0.00	59,918.40	73,233.60
S2P1-016	Fit A2-B2	08MAY07	2	09MAY07		120		0.00	1,331.52	0.00
S2P1-018	Fit B2-C2	10MAY07	2	11MAY07		120		0.00	1,331.52	0.00
S2P1-200	Assemble/Align Mod-Coils A2/B2/C2	24MAY07	30	06JUL07		112		0.00	39,945.60	73,233.60
Station 2-Modular Coil Subassembly-FP#2										
S2P2-100	Assemble/Align Mod-Coils A3/B3/C3	09JUL07	27	14AUG07		127		0.00	29,959.20	73,233.60
S2P2-200	Assemble/Align Mod-Coils A4/B4/C4	15AUG07	25	19SEP07		127		0.00	29,959.20	73,233.60
Station 2-Modular Coil Subassembly-FP#3										
S2P3-100	Assemble/Align Mod-Coils A5/B5/C5	19OCT07	25	22NOV07		106		0.00	30,765.60	75,204.80
S2P3-200	Assemble/Align Mod-Coils A6/B6/C6	05DEC07	25	17JAN08		100		0.00	30,765.60	75,204.80
Station 3-Assemble Mod Coils and VVSA-FP#1										
S3P1-000	Begin Assembly of First Field Period Assy		0	07JUN07		125		0.00	0.00	0.00
S3P1-001	Test out station 3 equipment and procedures	08JUN07	20	06JUL07		125		0.00	31,956.48	0.00
S3P1-101	VV to MC turning fixt base; metr check	09JUL07	4	12JUL07		125		0.00	3,994.56	3,994.56
S3P1-101.1	Attach local protective strips to VV&locate sens	13JUL07	3	17JUL07		125		0.00	2,663.04	2,663.04
S2P1-201	Assemble/Disassemble abc1-abc2 (stage 3 fixture)	09JUL07	20	03AUG07		112		0.00	29,959.20	0.00
S3P1-102	Mount MC on crane; perform metr checks	06AUG07	3	08AUG07		112		0.00	3,994.56	3,994.56
S3P1-103	Rotate right MC to stand-off position&chk	09AUG07	4	14AUG07		112		0.00	5,991.84	5,991.84
S3P1-104	Transfer load to sprt sys and recheck position	15AUG07	3	17AUG07		112		0.00	3,994.56	3,994.56



Run Date **20OCT06 09:19**

Forecast
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Progress Bar
Critical Activity

EC52

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Progress Through September 30st 2006

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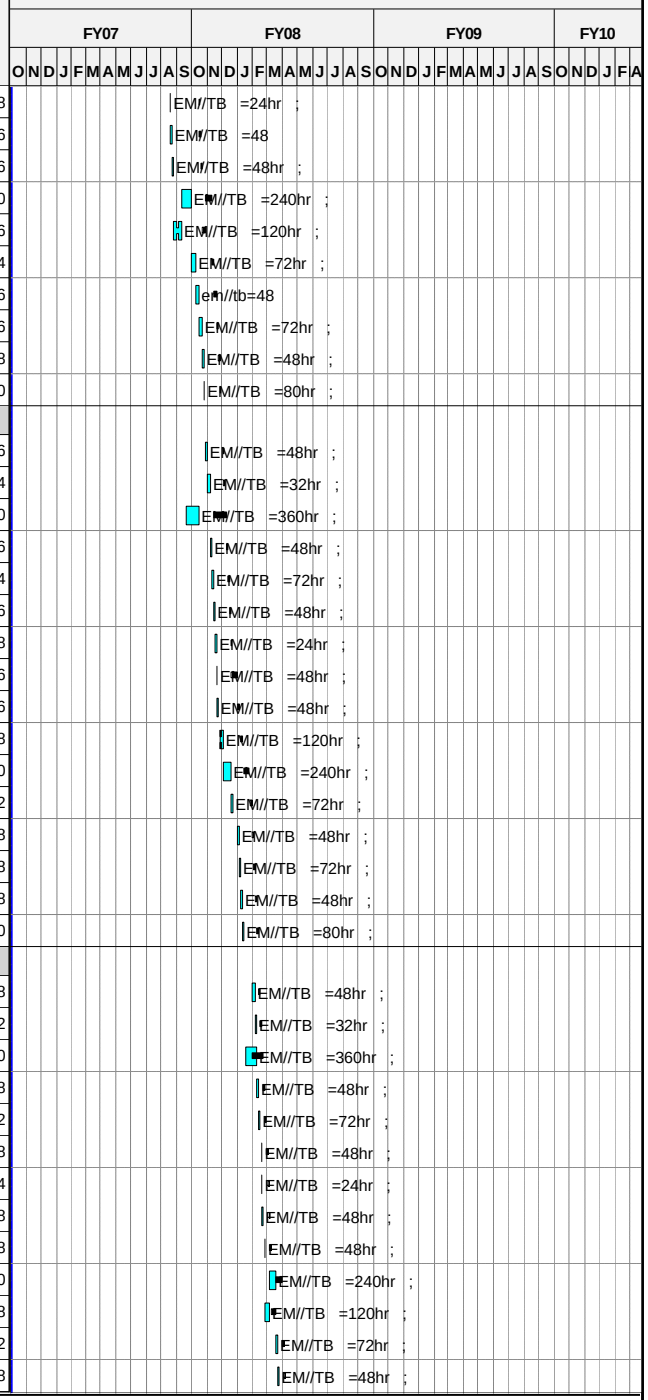
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
S3P1-105	Move MC turning fixt; mount MC on crane	20AUG07	1	20AUG07		112		0.00	1,997.28	1,997.28
S3P1-106	Rotate left MC to stand-off position and check p	21AUG07	2	22AUG07		112		0.00	3,994.56	3,994.56
S3P1-107	Move left & right MC to final position & measure	23AUG07	2	24AUG07		112		0.00	3,994.56	3,994.56
S3P1-108	Pot 3 packs together	11SEP07	15	01OCT07		112		0.00	20,008.64	23,301.60
S3P1-109	Bolt together at flange interface.	27AUG07	10	10SEP07		112		0.00	9,986.40	3,994.56
S3P1-110	Perform final metrology position check	02OCT07	5	08OCT07		112		0.00	6,153.12	2,663.04
S3P1-110.1	Remove temp interference strips&sensors	09OCT07	5	15OCT07		112		0.00	4,102.08	665.76
S3P1-111	Secure VV to MC's using temporary supports.	16OCT07	5	22OCT07		112		0.00	6,153.12	3,994.56
S4P1-114	Prepare Field Period for shipment	23OCT07	2	24OCT07		112		0.00	4,102.08	4,102.08
S4P1-115	Transfer completed assy to C-site test cell	25OCT07	2	26OCT07		112		0.00	6,836.80	6,836.80
Station 3-Assemble Mod Coils and VVSA-FP#2										
S3P2-101	Mount VV to MC turning fixt base; metr check	29OCT07	4	01NOV07		112		0.00	4,102.08	3,994.56
S3P2-101.1	Attach local protective strips to VV&locate sens	02NOV07	3	06NOV07		112		0.00	2,734.72	2,663.04
S2P2-201	Assemble/Disassemble abc -abc4 (stage 3 fixture)	20SEP07	18	15OCT07		128		0.00	30,452.00	0.00
S3P2-102	Mount MC on crane; perform metr checks	07NOV07	3	09NOV07		112		0.00	4,102.08	3,994.56
S3P2-103	Rotate right MC to stand-off position&chk	12NOV07	3	14NOV07		112		0.00	6,153.12	5,991.84
S3P2-104	Transfer load to supt sys and recheck position	15NOV07	2	16NOV07		112		0.00	4,102.08	3,994.56
S3P2-105	Move MC turning fixt; mount MC on crane	19NOV07	1	19NOV07		112		0.00	2,051.04	1,997.28
S3P2-106	Rotate left MC to stand-off position and check p	20NOV07	2	21NOV07		112		0.00	4,102.08	3,994.56
S3P2-107	Move left & right MC to final position & measure	22NOV07	2	23NOV07		112		0.00	4,102.08	3,994.56
S3P2-109	Bolt together at flange interface.	26NOV07	5	04DEC07		112		0.00	10,255.20	4,102.08
S3P2-108	Pot 3 packs together	05DEC07	10	18DEC07	2	112		0.00	20,510.40	23,391.20
S3P2-110	Perform final metrology position check	19DEC07	3	21DEC07	2	112		0.00	6,153.12	2,734.72
S3P2-110.1	Remove temp interference strips&sensors	02JAN08	2	03JAN08	2	112		0.00	4,102.08	683.68
S3P2-111	Secure VV to MC's using temporary supports.	04JAN08	3	08JAN08	2	112		0.00	6,153.12	4,102.08
S4P2-114	Prepare Field Period for shipment	09JAN08	2	10JAN08		112		0.00	4,102.08	4,102.08
S4P2-115	Transfer completed assy to C-site test cell	11JAN08	2	14JAN08		112		0.00	6,836.80	6,836.80
Station 3-Assemble Mod Coils and VVSA-FP#3										
S3P3-101	Mount VV to MC turning fixt base; metr check	31JAN08	4	05FEB08		100		0.00	4,102.08	4,102.08
S3P3-101.1	Attach local protective strips to VV&locate sens	06FEB08	3	08FEB08		100		0.00	2,734.72	2,734.72
S2P3-201	Assemble/Disassemble abc -abc6 (Stage 3 fixture)	18JAN08	16	08FEB08		100		0.00	30,765.60	0.00
S3P3-102	Mount MC on crane; perform metr checks	11FEB08	2	12FEB08		100		0.00	4,102.08	4,102.08
S3P3-103	Rotate right MC to stand-off position&chk	13FEB08	3	15FEB08		100		0.00	6,153.12	6,153.12
S3P3-104	Transfer load to supt sysand recheck position	18FEB08	2	19FEB08		100		0.00	4,102.08	4,102.08
S3P3-105	Move MC turning fixt; mount MC on crane	20FEB08	1	20FEB08		100		0.00	2,051.04	2,051.04
S3P3-106	Rotate left MC to stand-off position and check p	21FEB08	2	22FEB08		100		0.00	4,102.08	4,102.08
S3P3-107	Move left & right MC to final position & measure	25FEB08	2	26FEB08		100		0.00	4,102.08	4,102.08
S3P3-108	Pot 3 packs together	05MAR08	10	18MAR08		100		0.00	20,510.40	23,928.80
S3P3-109	Bolt together at flange interface.	27FEB08	5	04MAR08		100		0.00	10,255.20	4,102.08
S3P3-110	Perform final metrology position check	19MAR08	3	21MAR08		100		0.00	6,153.12	2,734.72
S3P3-110.1	Remove temp interference strips&sensors	24MAR08	2	25MAR08		100		0.00	4,102.08	683.68



Run Date 20OCT06 09:19

Forecast
z0608
Progress Bar
Critical Activity

EC52

NCSX
ECP-52
10/20/06 am

Progress Through September 30st 2006

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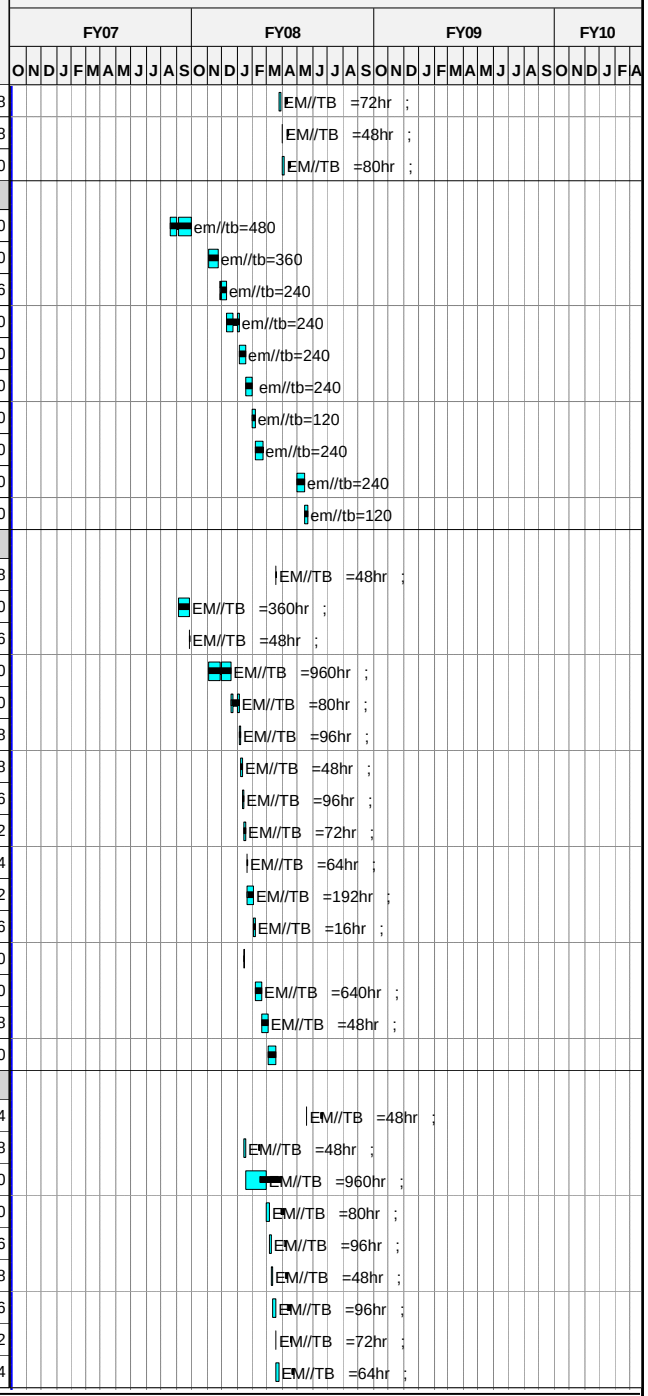
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
S3P3-111	Secure VV to MC's using temporary supports.	26MAR08	3	28MAR08		100		0.00	6,153.12	4,102.08
S4P3-114	Prepare Field Period for shipment	31MAR08	2	01APR08	2	100		0.00	4,102.08	4,102.08
S4P3-115	Transfer completed assy to C-site test cell	02APR08	1	02APR08	2	100		0.00	6,836.80	6,836.80
Station 4 - TF HP Pre-Assy										
184-000	Test out station 4 equipment and procedures	20AUG07*	30	01OCT07		136		0.00	39,981.44	0.00
184-100	Assemble 3 TF coils&structure -Left-Period #1	05NOV07	15	23NOV07		112		0.00	30,765.60	37,110.40
184-105	Assemble 3 TF coils&structure -Right -Period #1	26NOV07	10	11DEC07		112		0.00	20,510.40	37,509.76
184-105AD	Assemble/disassemble TF 6 pac (FP#1)	12DEC07	10	03JAN08		112		0.00	20,510.40	0.00
184-110	Assemble 3 TF coils&structure -Left-Period #2	04JAN08	10	17JAN08		143		0.00	20,510.40	38,108.80
184-115	Assemble 3 TF coils&structure -Right -Period #2	18JAN08	10	31JAN08		143		0.00	20,510.40	38,108.80
184-115AD	Assemble/disassemble TF 6 pac (FP#2)	01FEB08	5	07FEB08		143		0.00	10,255.20	0.00
184-120	Assemble 3 TF coils&structure -Left -Period #3	08FEB08	10	21FEB08		149		0.00	20,510.40	38,108.80
184-125	Assemble 3 TF coils&structure -Right -Period #3	01MAY08	10	14MAY08		100		0.00	20,510.40	38,108.80
184-125AD	Assemble/disassemble TF 6 pac (FP#3)	15MAY08	5	21MAY08		100		0.00	10,255.20	0.00
Station 5- Final FP Assy -FP#1 (in NCSX TC)										
S3P1-112	Install on support platform	18MAR08	2	19MAR08		168		0.00	4,102.08	1,997.28
S4P1-100	Testout Sta5 equipt & procedures	05SEP07	15	25SEP07		138		0.00	29,959.20	0.00
S4P1-101	Mount MC/VV assembly to support frame a	26SEP07	2	27SEP07		138		0.00	3,994.56	3,994.56
S4P1-102	Position and weld all ports to VV	05NOV07	30	18DEC07	2	112		0.00	82,041.60	79,891.20
S4P1-103	Inspect Welds	19DEC07	5	03JAN08		112		0.00	6,836.80	6,657.60
S4P1-104	Assemble left TF Coil Assembly check position	04JAN08	3	08JAN08		112		0.00	8,204.16	8,132.48
S4P1-105	Change platforms	09JAN08	2	10JAN08		112		0.00	4,102.08	4,102.08
S4P1-106	Assemble right TF Coil Assembly chk position	11JAN08	3	15JAN08		112		0.00	8,204.16	8,204.16
S4P1-107	Attach TF coils to MC's	16JAN08	3	18JAN08		112		0.00	6,153.12	6,153.12
S4P1-108	Change platforms	21JAN08	2	22JAN08		112		0.00	5,469.44	5,469.44
S4P1-109	Position, weld two large horizontal diag ports	23JAN08	8	01FEB08		112		0.00	16,408.32	16,408.32
S4P1-110	Inspect Welds	04FEB08	1	04FEB08		112		0.00	1,367.36	1,367.36
S4P1-111	Assemble external trim coils (in wbs75)	16JAN08	0	15JAN08		126		0.00	0.00	20,510.40
S4P1-112	Close up VV, leak check	05FEB08	10	18FEB08		112		0.00	54,694.40	54,694.40
S4P1-113	Adjust final support base interfaces	19FEB08	10	03MAR08		112		0.00	4,102.08	4,102.08
S4P1-113.5	Final metrology outside & inside	04MAR08	10	17MAR08		112		0.00	0.00	0.00
Station 5- Final FP Assy -FP#2 (in NCSX TC)										
S3P2-112	Install on support platform	19MAY08	2	20MAY08		124		0.00	4,102.08	2,051.04
S4P2-101	Mount MC/VV assembly to support frame a	15JAN08	2	16JAN08		124		0.00	4,102.08	4,102.08
S4P2-102	Position and weld all ports to VV	17JAN08	30	27FEB08	2	124		0.00	82,041.60	82,041.60
S4P2-103	Inspect Welds	28FEB08	5	05MAR08		124		0.00	6,836.80	6,836.80
S4P2-104	Assemble left TF Coil Assembly check position	06MAR08	3	10MAR08		124		0.00	8,204.16	8,204.16
S4P2-105	Change platforms	11MAR08	2	12MAR08		124		0.00	4,102.08	4,102.08
S4P2-106	Assemble right TF Coil Assembly chk position	13MAR08	3	17MAR08		124		0.00	8,204.16	8,204.16
S4P2-107	Attach TF coils to MC's	18MAR08	3	20MAR08		124		0.00	6,153.12	6,153.12
S4P2-108	Change platforms	21MAR08	2	24MAR08		124		0.00	5,469.44	5,469.44



Run Date **20OCT06 09:19**

Forecast
z0608
Progress Bar
Critical Activity

EC52

NCSX
ECP-52
10/20/06 am

Progress Through September 30st 2006

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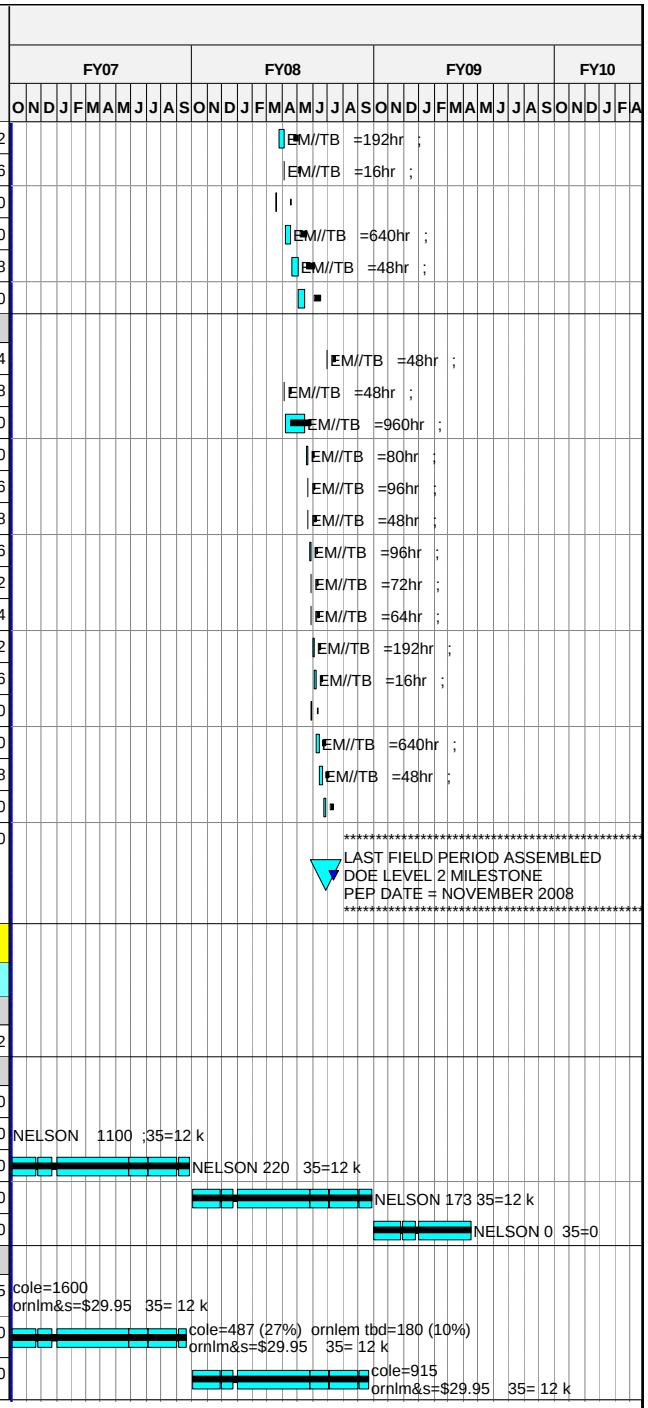
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
S4P2-109	Position, weld two large horizontal diag ports	25MAR08	8	03APR08		124		0.00	16,408.32	16,408.32
S4P2-110	Inspect Welds	04APR08	1	04APR08		124		0.00	1,367.36	1,367.36
S4P2-111	Assemble external trim coils (in wbs75)	18MAR08	0	17MAR08		138		0.00	0.00	20,510.40
S4P2-112	Close up VV, leak check	07APR08	10	18APR08		124		0.00	54,694.40	54,694.40
S4P2-113	Adjust final support base interfaces	21APR08	10	02MAY08		124		0.00	4,102.08	4,102.08
S4P2-113.5	Final metrology outside & inside	05MAY08	10	16MAY08		124		0.00	0.00	0.00
Station 5- Final FP Assy -FP#3 (in NCSX TC)										
S3P3-112	Install on support platform	30JUN08	2	01JUL08		100		0.00	4,102.08	2,051.04
S4P3-101	Mount MC/VV assembly to support frame a	03APR08	2	04APR08	2	100		0.00	4,102.08	4,102.08
S4P3-102	Position and weld all ports to VV*2 shift*	07APR08	30	16MAY08	2	100		0.00	82,041.60	82,041.60
S4P3-103	Inspect Welds	19MAY08	3	21MAY08	2	100		0.00	6,836.80	6,836.80
S4P3-104	Assemble left TF Coil Assembly check position	22MAY08	1	22MAY08	2	100		0.00	8,204.16	8,204.16
S4P3-105	Change platforms	23MAY08	1	23MAY08	2	100		0.00	4,102.08	4,102.08
S4P3-106	Assemble right TF Coil Assembly chk position	27MAY08	2	28MAY08	2	100		0.00	8,204.16	8,204.16
S4P3-107	Attach TF coils to MC's	29MAY08	1	29MAY08	2	100		0.00	6,153.12	6,153.12
S4P3-108	Change platforms	30MAY08	1	30MAY08	2	100		0.00	5,469.44	5,469.44
S4P3-109	Position, weld two large horizontal diag ports	02JUN08	4	05JUN08	2	100		0.00	16,408.32	16,408.32
S4P3-110	Inspect Welds	06JUN08	1	06JUN08	2	100		0.00	1,367.36	1,367.36
S4P3-111	Assemble external trim coils (in wbs75)	29MAY08	0	28MAY08	2	107		0.00	0.00	20,510.40
S4P3-112	Close up VV, leak check	09JUN08	5	13JUN08	2	100		0.00	54,694.40	54,694.40
S4P3-113	Adjust final support base interfaces	16JUN08	5	20JUN08	2	100		0.00	4,102.08	4,102.08
S4P3-113.5	Final metrology outside & inside	23JUN08	5	27JUN08	2	100		0.00	0.00	0.00
S4P3-115X	Last field period assembled		0	27JUN08	2	100		0.00	0.00	0.00
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	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	6,180.00
0191-6	LOE-FY06 WBS 191	03OCT05A	249*	29SEP06A			LOE	197,774.00	197,774.00	197,774.00
0191-6X	LOE-FY07 WBS 191	03OCT06*	247	27SEP07		501	LOE	0.00	50,226.00	201,498.00
0191-7	LOE-FY08 WBS 191	03OCT07*	247	29SEP08		251	LOE	0.00	43,591.00	99,976.00
191-8	LOE-FY09 WBS 191	03OCT08*	130	15APR09		118	LOE	0.00	0.00	51,804.00
192 - Stellarator Core Integration & Analysis										
0192-6	LOE-FY06 WBS 192	03OCT05A	249*	29SEP06A			LOE	312,481.45	312,481.45	312,481.45
0192-6X	LOE-FY07 WBS 192	03OCT06*	242	20SEP07		506	LOE	0.00	158,033.60	158,033.60
0192-7	LOE-FY08 WBS 192	03OCT07*	242	22SEP08		256	LOE	0.00	207,916.40	151,531.40



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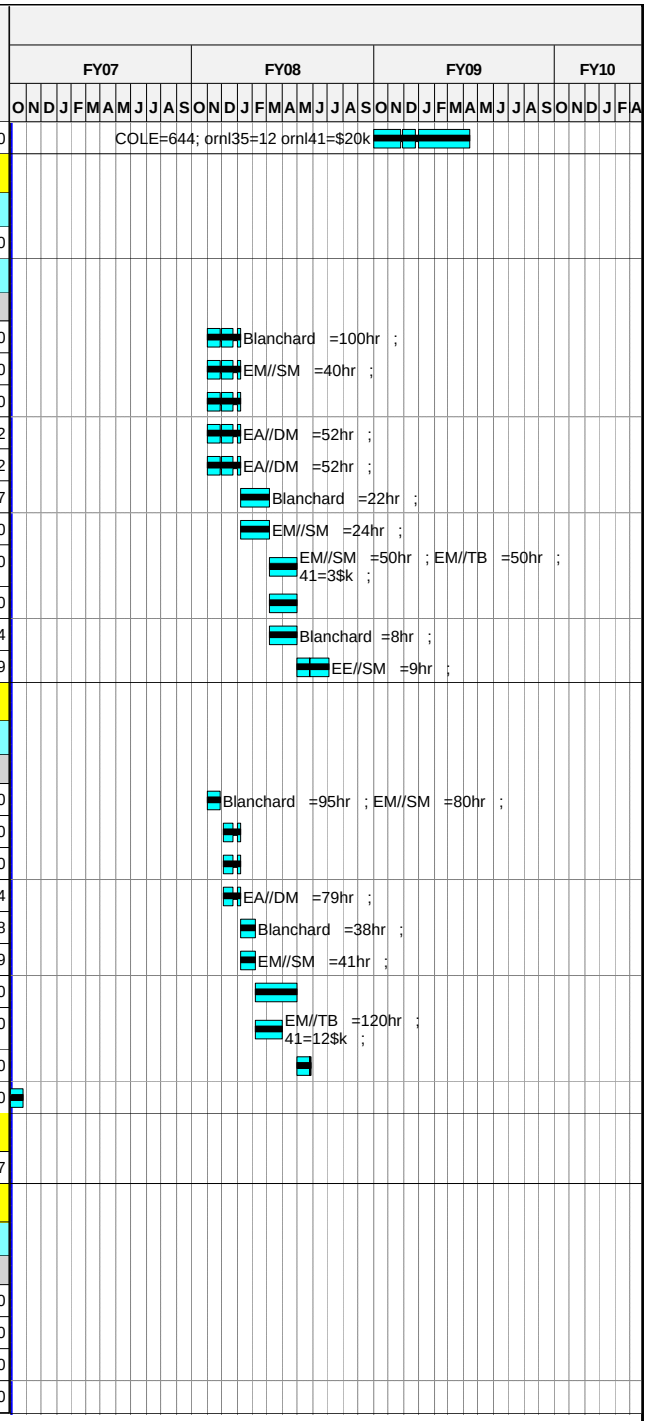
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
0192-99	LOE-FY09	01OCT08*	130	13APR09		**120**	**LOE**	0.00	153,664.00	101,860.00
21 - Fueling Systems										
+ Job: 2001-VPS,Gas& Cond Sys Oversight-BLANCHARD										
		01APR03A	757	30MAR06A				62,897.20	62,897.20	62,897.20
Job: 2101 - Fueling Systems										
ECP 16 October 2004										
21-10	Eng. Work Planning and Design	01NOV07*	40	08JAN08		**148**		0.00	18,208.00	17,730.00
21-15	Design Gas Handling Hardware	01NOV07	40	08JAN08		**148**		0.00	5,246.28	5,109.00
21-20	Design PLC Controls	01NOV07	40	08JAN08		**188**		0.00	0.00	0.00
21-25	Electrical Drafting for pumping system	01NOV07	40	08JAN08		**188**		0.00	6,320.60	6,154.72
21-30	Drafting	01NOV07	40	08JAN08		**188**		0.00	6,320.60	6,154.72
21-35	Eng. Work Planning and Design during fab	09JAN08	40	04MAR08		**188**		0.00	4,005.76	3,907.07
21-40	Fabrication/Install Hardware	09JAN08	40	04MAR08		**148**		0.00	3,228.48	3,149.20
21-45	Fabrication/installation	05MAR08	40	29APR08		**148**		0.00	15,214.00	15,214.00
21-55	Install PLC Controls	05MAR08	40	29APR08		**148**		0.00	0.00	0.00
21-60	Integrated Systems Testing/Eng	05MAR08	40	29APR08		**148**		0.00	1,456.64	1,456.64
21-65	Integrated Systems Testing/Tech Support	30APR08	45	02JUL08		**148**		0.00	1,196.19	1,196.19
22 - Torus Vacuum Pumping Systems										
Job: 2201 - Vacuum Pumping Systems										
22-25	Eng. Work Planning and Design	01NOV07*	20	28NOV07		**180**		0.00	28,059.20	27,323.50
22-30	Design PLC based control system *N/R*	03DEC07	20	08JAN08		**437**		0.00	0.00	0.00
22-35	Electrical Drafting for pumping system *N/R*	03DEC07	20	08JAN08		**200**		0.00	0.00	0.00
22-40	Drafting	03DEC07	20	08JAN08		**180**		0.00	9,602.45	9,350.44
22-45	Eng. Work Planning and Design during fab	09JAN08	20	05FEB08		**180**		0.00	6,919.04	6,846.38
22-50	Perform maint. & repair of pmpg sys	09JAN08	20	05FEB08		**180**		0.00	5,515.32	5,457.59
22-55	Repair and Calibration vac instrumentation*N/R*	06FEB08	60	29APR08		**180**		0.00	0.00	0.00
22-60	Fabrication/installation	06FEB08	40	01APR08		**200**		0.00	27,115.20	27,115.20
22-70	Integrated Systems Testing/Eng *N/R*	30APR08	20	28MAY08		**180**		0.00	0.00	0.00
22-75	Integrated Systems Testing/Tech Support*N/R*	29SEP06	20	26OCT06		**573**		0.00	0.00	0.00
+ 25 - Neutral Beam Injection System										
		01APR03A	757	30MAR06A				285,017.67	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	1,000.00
3101-109	INTEGRATE LOOP AND LEAD DESIGN WITH H/C	01JAN05A	40	28FEB05A			**100**	6,416.80	6,416.80	6,416.80
3101-113	INTEGRATE LAYOUT, MEAS NEEDS W/ VSL	01JAN05A	40	28FEB05A			**100**	3,208.40	3,208.40	3,208.40
3101-117	DEVELOP CONSTRAINTS FOR ARRAY LAYOUT	01JAN05A	20	31JAN05A			**100**	0.00	0.00	0.00



Run Date 20OCT06 09:19

Forecast
z0608
Progress Bar
Critical Activity

EC52

NCSX
ECP-52
10/20/06 am

Progress Through September 30st 2006

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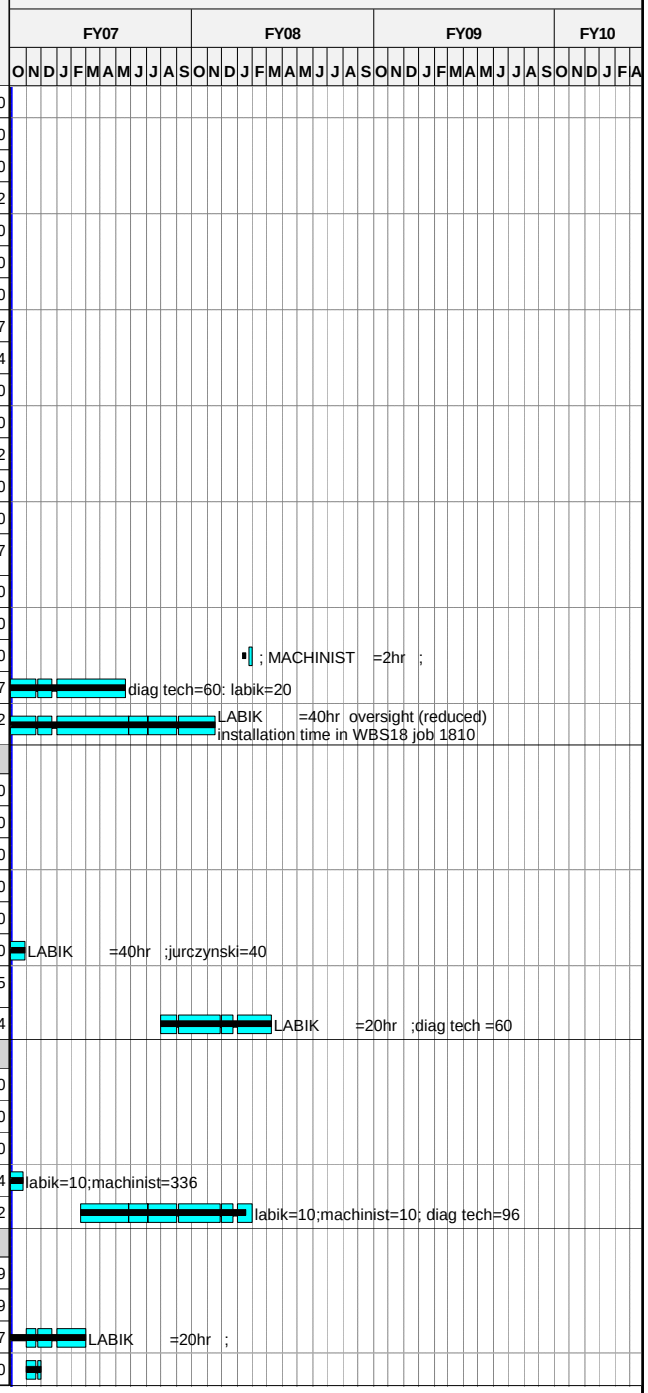
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
3101-121	LAYOUT CANDIDATE SENSOR ARRAY ON PRO-E	01FEB05A	20	28FEB05A			100	0.00	0.00	0.00
3101-125	PDR PREP -VESSEL SADDLE LOOP MOUNTING	02MAY05A	5	31MAY05A			100	9,483.60	9,483.60	9,483.60
3101-126	PEER REVIEW -VESSEL SADDLE LOOP		0	31MAY05A			100	0.00	0.00	0.00
3101-129	DESIGN AND PROTOTYPE SADDLE LOOP	01MAR05A	107*	29JUL05A			100	7,643.52	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	6,189.20
3101-137	FINAL OPTIMIZATION OF LOOP LOCATION, AREA	01JAN05A	193*	30SEP05A			100	0.00	0.00	0.00
3101-149	PREPARE METROLOGY	01JUN05A	87*	31AUG05A			100	6,416.80	6,416.80	6,416.80
3101-145	Procure MI Cable	26SEP05A	68*	23DEC05A			100	22,182.57	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	20,851.24
3101-141	FDR PREP-	01DEC05A	123*	31MAY06A			100	10,410.60	10,410.60	10,410.60
3101-142	FDR - VESSEL SADDLE LOOP TEMPLATES		0	16DEC05A			100	0.00	0.00	0.00
3101-153	Fab Installation Templates (for FP assy)	01JAN06A	41*	28FEB06A			100	2,619.92	2,619.92	2,619.92
3101-143	FDR - VESSEL SADDLE LOOP INSTALLATION		0	31MAY06A			100	0.00	0.00	0.00
3101-146	Procure remaining materials	01OCT05A	99*	28FEB06A			100	12,424.40	12,424.40	12,424.40
3101-157	Design & fab tooling and clamps	01JUN05A	209*	31MAR06A			100	13,035.67	13,035.67	13,035.67
3101-167	Design voltage loops	01DEC05A	123*	31MAY06A			100	3,470.20	3,470.20	3,470.20
3101-169	Voltage loop connection peer review	30JUN06A	1	30JUN06A			100	1,735.10	1,735.10	1,735.10
3101-154	Fab Installation Templates (for spacers)	24JAN08	5	30JAN08		202		0.00	269.04	256.40
3101-165	Identify lead wires at multiple locations	29SEP06*	159*	21MAY07		591	LOE	0.00	8,538.05	8,465.47
3101-161	SUPT LOOP INSTL 200 LOOPS), TESTING	01AUG06A	327*	16NOV07		465	LOE	907.84	7,092.53	7,066.22
Modular Coil C-wound Loops										
3101-205	MOUNTING/LOCATING STRATEGY MC	01JAN05A	20	31JAN05A			100	3,208.40	3,208.40	3,208.40
3101-209	PROTOTYPE ON TWISTED RACETRACK	01MAR05A	20	31MAR05A			100	4,741.80	4,741.80	4,741.80
3101-213	DESIGN TERMINATION	01MAR05A	130*	31AUG05A			100	7,302.40	7,302.40	7,302.40
3101-221	PROCURE MATERIALS	25JUL05A	0*	29JUL05A			100	6,410.90	6,410.90	6,410.90
3101-217	Peer review of lead routing	31JAN06A	0*	31JAN06A			100	6,940.40	6,940.40	6,940.40
3101-230	Install heat shrink tubing on MI cable	31JAN06A	192*	30OCT06		266	25	3,024.31	12,097.23	12,068.40
3101-229	SUPPORT NSTALLATION	01MAR06A	318*	30JUN06A			100	3,470.20	3,470.20	3,511.55
3101-231	Terminate MC co-wound loops	01AUG07*	149*	10MAR08		393		0.00	11,626.32	11,630.84
Saddle Loop Termination Boxes										
3101-333	Complete termination box design & prototyping	26SEP05A	47*	31OCT05A			100	10,833.80	10,833.80	10,833.80
3101-421	FDR of terminations incl in saddle loop FDR	31MAY06A	1	31MAY06A			100	0.00	0.00	0.00
3101-422	Fab Prototype term. Box	01MAY06A	20	31MAY06A			100	3,257.60	3,257.60	3,257.60
3101-517	Fab termination boxes (24)	02OCT06*	20	27OCT06		729		0.00	29,734.92	29,098.94
3101-517A	Install termination boxes	20FEB07	235*	30JAN08		100		0.00	10,690.21	10,594.32
Rogowski Coils										
3101-301	LAYOUT LOCATION ROWGOSKI COIL &EST COIL	01JUN05A	166*	31JAN06A			100	4,924.69	4,924.69	4,924.69
3101-309	DESIGN COIL MOUNTING TECHNIQUE	26SEP05A	127*	31MAR06A			100	3,459.89	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	3,480.37
3101-312	Mandrel prototype	01NOV06*	20	30NOV06		707		0.00	0.00	0.00



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Forecast
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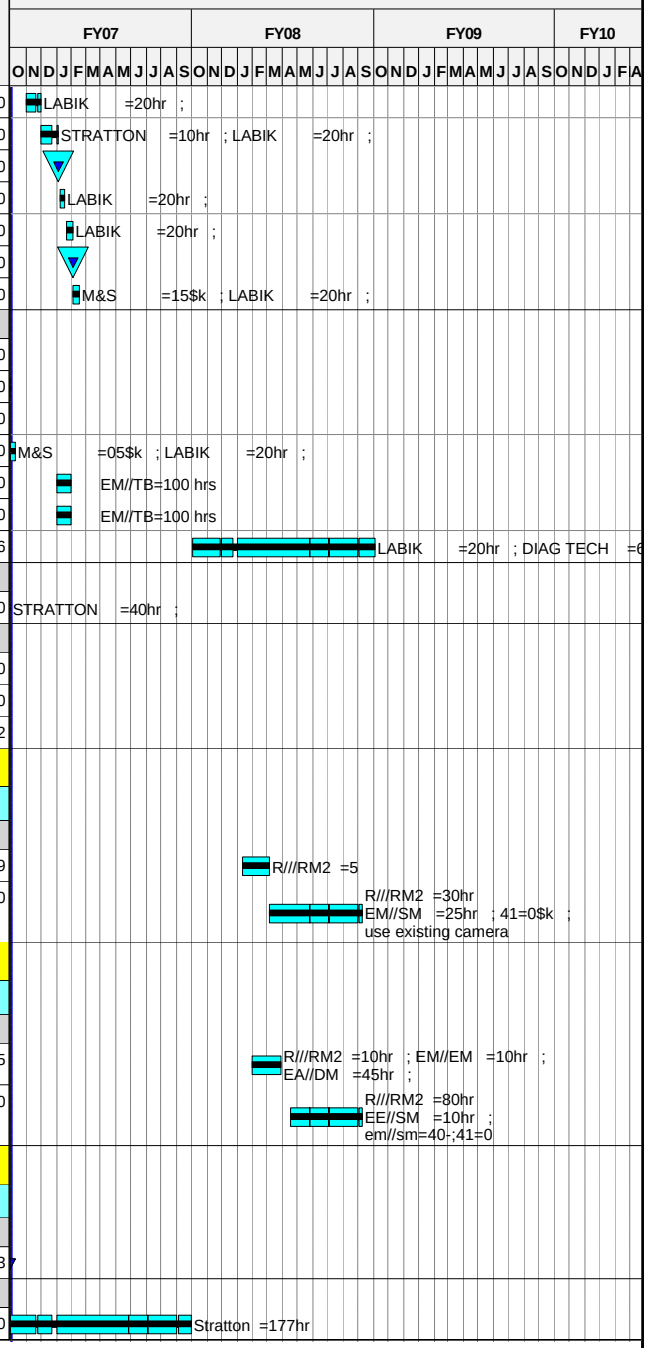
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
3101-313	DESIGN LEAD ROUTING AND TERMINATION	01NOV06*	20	30NOV06		139		0.00	3,546.00	3,546.00
3101-317	PDR PREP- ROWGOWSKI COIL	01DEC06*	20	05JAN07		139		0.00	5,238.10	5,238.10
3101-318	PDR - ROWGOWSKI COIL		0	05JAN07*		139		0.00	0.00	0.00
3101-321	Specify Rogowski Coils	08JAN07*	10	19JAN07		139		0.00	3,546.00	3,546.00
3101-325	FDR PREP ROWGOSKI COIL	22JAN07*	10	02FEB07		139		0.00	3,546.00	3,546.00
3101-326	FDR - ROWGOSKI COIL		0	02FEB07		139		0.00	0.00	0.00
3101-329	FAB ROWGOWSKI COILS (2)	05FEB07	10	16FEB07		139		0.00	24,111.00	24,111.00
TF and PF Co-wound Loops										
3101-401	MOUNTING/LOCATING TECHNIQUE TF	25JUL05A	28*	31AUG05A			100	6,275.20	6,275.20	6,275.20
3101-405	DESIGN TERMINATION N/R	29SEP06	1	29SEP06		749		0.00	0.00	0.00
3101-409	FINALIZE LOOP LOCATION/MOUNTING	01AUG05A	20	31AUG05A			100	6,416.80	6,416.80	6,416.80
3101-417	PROCURE MATERIALS	01MAY06A	115*	11OCT06		286	90	9,297.42	10,330.47	10,401.00
3101-425	INSTALL HEAT SHRINK CABLE(for 3 TF coils)	02JAN07*	20	29JAN07		236		0.00	2,746.26	8,322.00
3101-426	INSTALL HEAT SHRINK CABLE (for 6 PF coils)	02JAN07*	20	29JAN07		441		0.00	5,492.52	0.00
3101-429	INSTALL TERMINATIONS	03OCT07*	251	03OCT08		247		0.00	8,776.31	8,707.76
Modular Coil Shell Saddle LoopsCANCELLED SCOPE**										
3101-501	DETERMINE NUMEBR AND LOCATION OF LOOPS	01MAY06A	106*	29SEP06A			100	3,311.80	3,311.80	3,311.80
ECP50-100	ECP50 Mod coil shell saddle loop deletion	01OCT05A	251	31JUL06A				59,420.00	59,420.00	59,420.00
FY05CV-32	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				30,000.00	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	83,621.42
36 - Edge and Divertor Diagnostics										
Job: 3601 - Edge and Divertor Diagnostics										
361-001	Design Visible Camera sys	11JAN08*	40	06MAR08		101		0.00	868.80	857.99
361-015	Fab/Assy/Installation Visible Camera	07MAR08*	130	09SEP08		101		0.00	8,575.80	8,575.80
38 - Electron Beam (EB) Mapping										
Job: 3801 - Electron Beam Mapping										
380-010	Design-Beam Probe,Fluor. Screen	01FEB08*	40	27MAR08		114		0.00	9,028.15	9,028.15
380-015	Fab & Install Beam probe	16APR08	102	09SEP08		101		0.00	20,610.70	20,610.70
39 - Diagnostics Integration										
Job: 3901 - Diagnostics sys Integration-JOHNSON										
+ Prior Costs										
		01APR03A	884					345,322.33	345,322.33	345,322.33
390-03	LOE Support FY07	02OCT06*	249*	28SEP07		500	LOE	0.00	29,950.17	0.00



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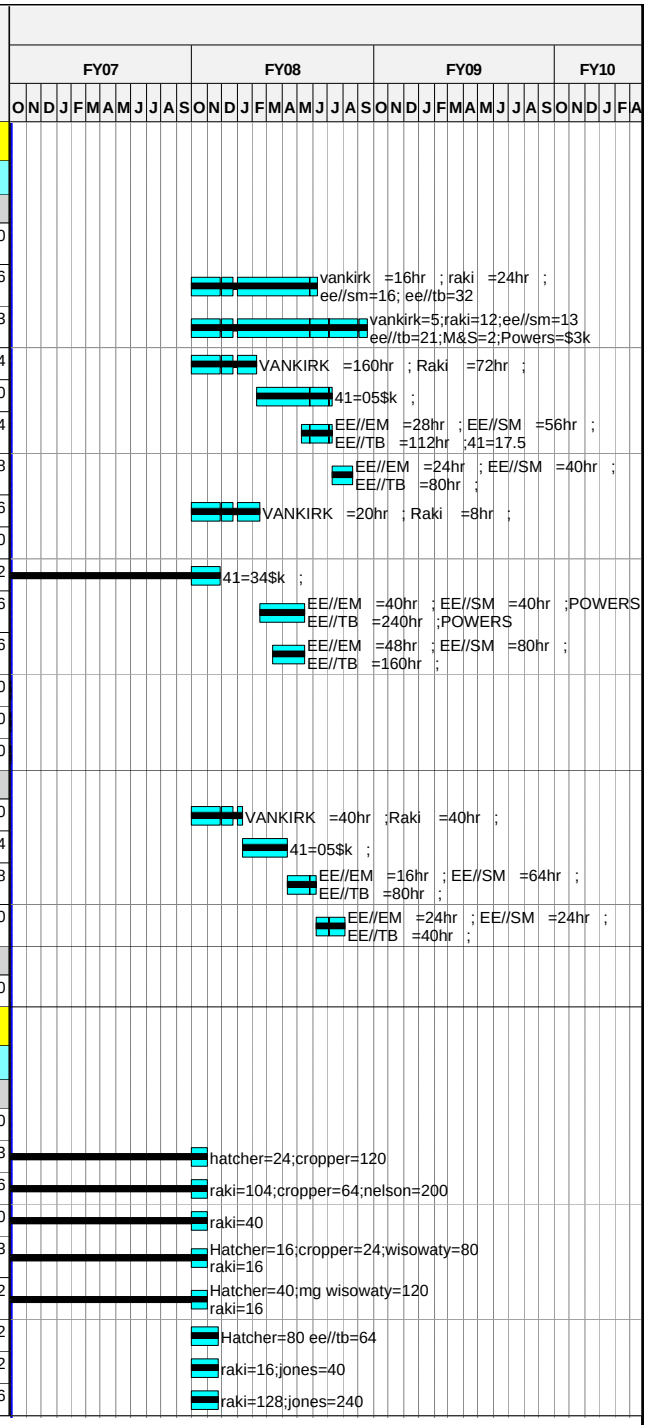
41 - AC Power										
Job: 4101 - AC Power-RAMAKRISHNAN										
411 - Auxiliary AC Power Systems										
4101-100	Prepare Preliminary One line diagram	01MAR04A	173*	30SEP04A			100	8,442.00	8,442.00	8,442.00
4101-100.1	Prepare Preliminary One line diagram	01OCT07*	173	11JUN08		327		0.00	1,105.97	1,076.96
411-1-100	Ex-Test cell AC pwr-Reactivate& new instl	01OCT07*	241	17SEP08		259		0.00	13,285.15	12,950.93
411-2-2	Grounding-Dsn	01OCT07*	86	08FEB08		114		0.00	32,148.08	31,305.04
411-2-4	Grounding-Procure	11FEB08*	107	10JUL08		114		0.00	7,025.00	6,855.00
411-2-6	Grounding-Install	09MAY08*	43	10JUL08		114		0.00	46,611.46	45,438.54
411-2-8	Grounding-Commission	11JUL08*	29	20AUG08		114		0.00	16,436.96	16,005.68
411-3-2	Test Cell AC Power Distr-Dsn	01OCT07*	90	14FEB08		181		0.00	3,842.12	3,741.36
411-3-2.04	Test Cell AC Power fy04	01APR04A	186*	30SEP04A			100	73,000.00	73,000.00	73,000.00
411-3-4	Test Cell AC Power Distr-Procure(pnls & xfrmrs)	01JUL05A	108*	28NOV07		457	20	9,052.19	45,260.93	44,783.72
411-3-6	Test Cell AC Power Distr-Install	15FEB08	65	15MAY08		181	50	16,128.30	32,256.60	30,789.26
411-3-8	Test Cell AC Power Distr-Commission	14MAR08*	45	15MAY08		181		0.00	32,873.92	32,011.36
411-4-2	Standby Power for Cryo Sys -Dsn	29SEP06	0	28SEP06		750		0.00	0.00	0.00
411-4-4	Standby Power for Cryo Sys -Procure	29SEP06	0	28SEP06		750		0.00	0.00	0.00
411-4-6	Standby Power for Cryo Sys -Install	29SEP06	0	28SEP06		750		0.00	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	11,605.20
412-1-4	D-site Pulsed AC Power Distr-Procure	11JAN08	65	10APR08		103		0.00	7,025.00	6,860.44
412-1-6	D-site Pulsed AC Power Distr-Install	11APR08	40	06JUN08		103		0.00	18,215.68	18,215.68
412-1-8	D-site Pulsed AC Power Distr-Commission	09JUN08	40	04AUG08		103		0.00	10,866.80	10,866.80
FY05CV-34	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				2,000.00	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	111,112.40
431-200	Condition/spare parts inventory	01OCT04A	394*	31OCT07		477	95	16,987.59	17,881.68	17,836.93
431-210	Organize & verify documentation	01OCT04A	394*	31OCT07		477	95	43,443.28	45,729.77	45,619.46
431-215	Document status	01OCT04A	394*	31OCT07		477	90	5,788.39	6,431.54	6,417.30
431-225	Reactivate DF & PEI units	01JUL05A	209*	31OCT07		477	90	13,174.14	14,667.31	14,611.93
431-230	Load test	01JUL05A	209*	31OCT07		477	90	16,997.66	18,915.66	18,841.32
431-240	Simulate each of 6 pwr loops in PSCAD	01OCT07*	40	23NOV07		460		0.00	19,620.96	19,106.72
431-250	c-site dc sys DGS dsn documentation	01OCT07*	40	23NOV07		460		0.00	7,684.24	7,482.72
431-261	Redo power loop design	01OCT07*	40	23NOV07		179		0.00	51,749.92	50,392.96



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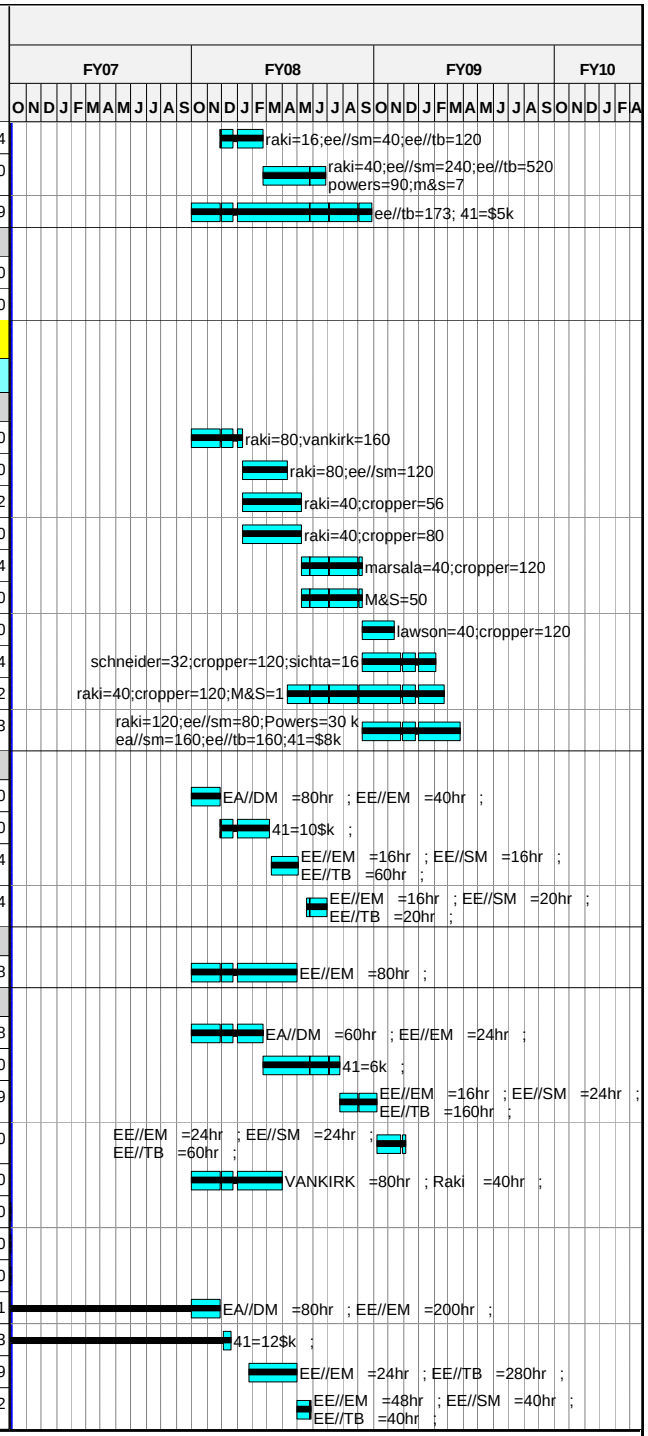
431-265	Fabricate bus components	26NOV07*	55	21FEB08		179		0.00	18,469.44	18,266.74
431-275	Power cabling & Installation	22FEB08*	88	25JUN08		179		0.00	220,005.80	220,005.80
431-276	Maint of C-site rectifiers	01OCT07*	249	29SEP08		251		0.00	21,918.57	21,357.59
ECP494301	ECP49 job closeout for fy06	01OCT05A	251	31JUL06A				106,000.00	106,000.00	106,000.00
FY05CV-35	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				69,000.00	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	32,679.20
441-097	Install Interlock sys	11JAN08	65	10APR08		156		0.00	30,060.40	29,272.00
441-100	PLC Specification	11JAN08	85	08MAY08		135		0.00	14,498.56	14,118.32
441-105	Prep Block diagrams	11JAN08	85	08MAY08		135		0.00	17,688.40	17,224.40
441-110	PLC CWD's & Cabling	09MAY08*	85	09SEP08		135		0.00	23,004.80	22,685.24
441-115	deliver PLC	09MAY08*	85	09SEP08		265		0.00	70,250.00	70,250.00
441-120	Program PLC Logic	10SEP08	45	11NOV08		220		0.00	24,044.53	23,004.80
441-125	Program Control pages	10SEP08	97	04FEB09		168		0.00	25,478.89	24,097.84
441-130	Pre-commissioning tests	11APR08	214	20FEB09		156		0.00	25,110.23	24,377.02
441-135	Install I/O Cabling	10SEP08	130	23MAR09		135		0.00	123,488.63	119,291.33
442 - Kirk Key Interlocks										
442-1-2	Kirk Keys-Dsn	01OCT07*	41	26NOV07		127		0.00	16,779.60	16,339.60
442-1-4	Kirk Keys-Procure	27NOV07	65	07MAR08		127		0.00	14,050.00	13,710.00
442-1-6	Kirk Keys-Install	10MAR08	40	02MAY08		127		0.00	45,239.20	44,123.84
442-1-8	Kirk Keys-Commission	19MAY08	30	30JUN08		127		0.00	7,202.24	7,202.24
443 - Real Time Control Systems										
443-1-2	Develop Control Algorithms-Dsn	01OCT07*	142	28APR08		150		0.00	14,111.20	13,819.68
444 - Instrument Systems										
444-2-2	DC Potential Transducers (DCPTs)-Dsn	01OCT07*	95	21FEB08		205		0.00	11,526.36	11,224.08
444-2-4	DC Potential Transducers (DCPTs)-Procure	22FEB08	109	25JUL08		205		0.00	8,430.00	8,226.00
444-2-6	DC Potential Transducers (DCPTs)-Install	28JUL08	51	07OCT08		205		0.00	19,918.05	19,328.29
444-2-8	DC Potential Transducers (DCPTs)-Commission	08OCT08	40	04DEC08		205		0.00	13,442.28	12,588.60
444-3-2	DC Shunts-Dsn	01OCT07*	122	31MAR08		378		0.00	16,779.60	16,339.60
444-3-4	DC Shunts-Procure**N/R**	29SEP06	0	28SEP06		750		0.00	0.00	0.00
444-3-6	DC Shunts-Install**N/R**	29SEP06	0	28SEP06		750		0.00	0.00	0.00
444-3-8	DC Shunts-Commission**N/R**	29SEP06	0	28SEP06		750		0.00	0.00	0.00
444-4-2	Signal Conditioning & Cabling-Dsn	01JUL05A	108*	28NOV07		367	15	6,244.25	41,628.32	42,079.11
444-4-4	Signal Conditioning & Cabling-Procure	01JUL05A	241*	18DEC07		336	15	2,427.83	16,185.51	16,224.63
444-4-6	Signal Conditioning & Cabling-Install	24JAN08	68	28APR08		336		0.00	28,338.56	27,988.59
444-4-8	Signal Conditioning & Cabling-Commission	29APR08	22	29MAY08		336		0.00	17,226.72	17,226.72



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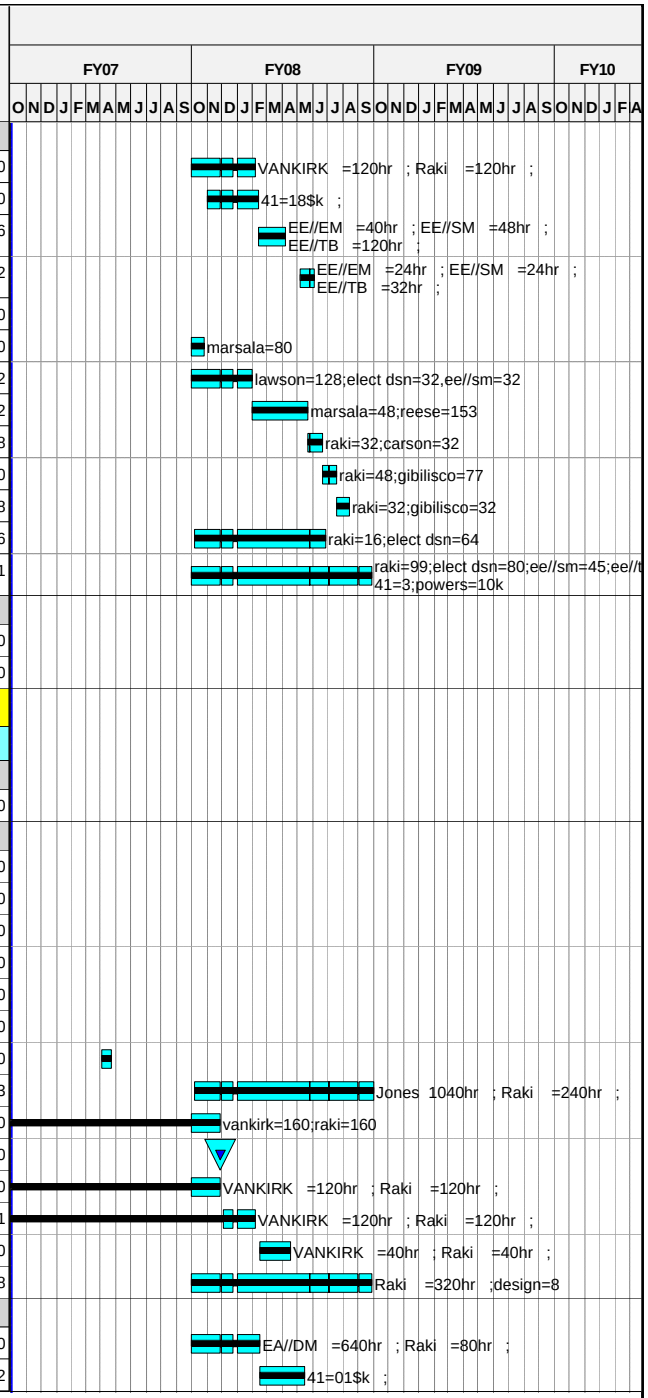
445 - Coil Protection Systems										
445-1-2	Ground Fault Protection-Dsn	01OCT07*	*82*	04FEB08		***151***		0.00	35,752.80	34,815.60
445-1-4	Ground Fault Protection-Procure	01NOV07*	*65*	12FEB08		***145***		0.00	25,290.00	24,678.00
445-1-6	Ground Fault Protection-Install	13FEB08*	*40*	08APR08		***145***		0.00	23,766.08	23,142.56
445-1-8	Ground Fault Protection-Commission	07MAY08	*20*	04JUN08		***145***		0.00	10,178.08	9,911.12
445-2-0	Overload Protection & Cabling-Prelim Dsn	01MAR04A	*272*	30SEP04A				1,054.90	1,054.90	1,054.90
445-2-105	Overload Protect-Write spec and approve	01OCT07*	*20*	26OCT07		***480***		0.00	14,111.20	13,741.60
445-2-110	Overload Protect-Design	01OCT07*	*80*	31JAN08		***281***		0.00	30,720.64	29,915.52
445-2-115	Overload Protect-Fabr 4 chassis 120 modls	01FEB08*	*79*	21MAY08		***281***		0.00	28,801.95	28,046.22
445-2-120	Overload Protect-Test 4 units	22MAY08	*20*	19JUN08		***281***		0.00	9,897.60	9,638.08
445-2-125	Overload Protect-Install & Rack wiring	20JUN08	*20*	18JUL08		***281***		0.00	18,700.79	18,210.30
445-2-130	Overload Protect-Write & perform ISTP	21JUL08	*20*	15AUG08		***281***		0.00	9,897.60	9,638.08
445-2-135	Overload Protect-Documentation	08OCT07*	*180*	27JUN08		***315***		0.00	10,601.44	10,323.36
445-2-140	Overload Protection&cabling design,procure instl	01OCT07*	*249*	29SEP08		***251***		0.00	59,697.20	58,168.61
ECP494401	ECP49 job closeout for fy06	01OCT05A	*251*	31JUL06A				24,000.00	24,000.00	24,000.00
FY05CV-36	FY05 unrecoverable cost variance	01OCT04A	*251*	30SEP05A				49,000.00	49,000.00	49,000.00
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	112,340.00
451 - System Design & Interfaces										
4501-100	Design Drawings	02FEB04A	*193**	30SEP04A			***100***	19,807.80	19,807.80	19,807.80
4501-110	Calculations-FY04	01MAR04A	*151**	30SEP04A			***100***	0.00	0.00	0.00
451-0-1	C-Site Decision	30APR04A	*0*	30APR04A			***100***	0.00	0.00	0.00
451-7-2	FDR DC transmission-Dsn	01MAY04A	*0**	28MAY04A			***100***	10,084.00	10,084.00	10,084.00
451-7-20	FDR DC transmission		*0*	28MAY04A			***100***	0.00	0.00	0.00
451-2-1	CDR Power system -Dsn	01DEC04A	*208**	31AUG05A			***100***	41,299.20	41,299.20	41,299.20
451-0-2	Develop SRD	02APR07*	*15*	20APR07		***612***		0.00	0.00	0.00
451-3-2	Dwgs,asbuilts -Elect Dsn	08OCT07*	*245**	30SEP08		***250***		0.00	168,745.60	166,536.83
451-2-2	PDR Prep Power system -Dsn	03APR06A	*86**	28NOV07		***417***	***20***	9,309.76	46,548.80	45,427.20
451-2-3	PDR Power system -Dsn		*0*	28NOV07		***457***		0.00	0.00	0.00
451-6-2	FDR C-Site -Cabling	01SEP05A	*186**	28NOV07		***457***	***5***	1,705.49	34,109.79	33,878.00
451-2-2.1	FDR C-Site	01NOV05A	*101*	05FEB08		***417***	***2***	690.96	34,547.67	34,281.81
451-4-2	FDR AC auxiliaries & grounding-Dsn	15FEB08*	*45*	17APR08		***365***		0.00	11,917.60	11,605.20
451-1-2	Calculations-Dsn	01OCT07*	*249*	29SEP08		***251***		0.00	57,417.20	55,913.28
452 - Electrical Systems Support										
452-1-2	Diagnostics AC Power Distr-Dsn	01OCT07*	*90*	14FEB08		***101***		0.00	91,903.20	89,492.00
452-1-4	Diagnostics AC Power Distr-Procure	15FEB08	*65*	15MAY08		***141***		0.00	1,405.00	1,372.12



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Forecast
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Progress Bar
Critical Activity

EC52

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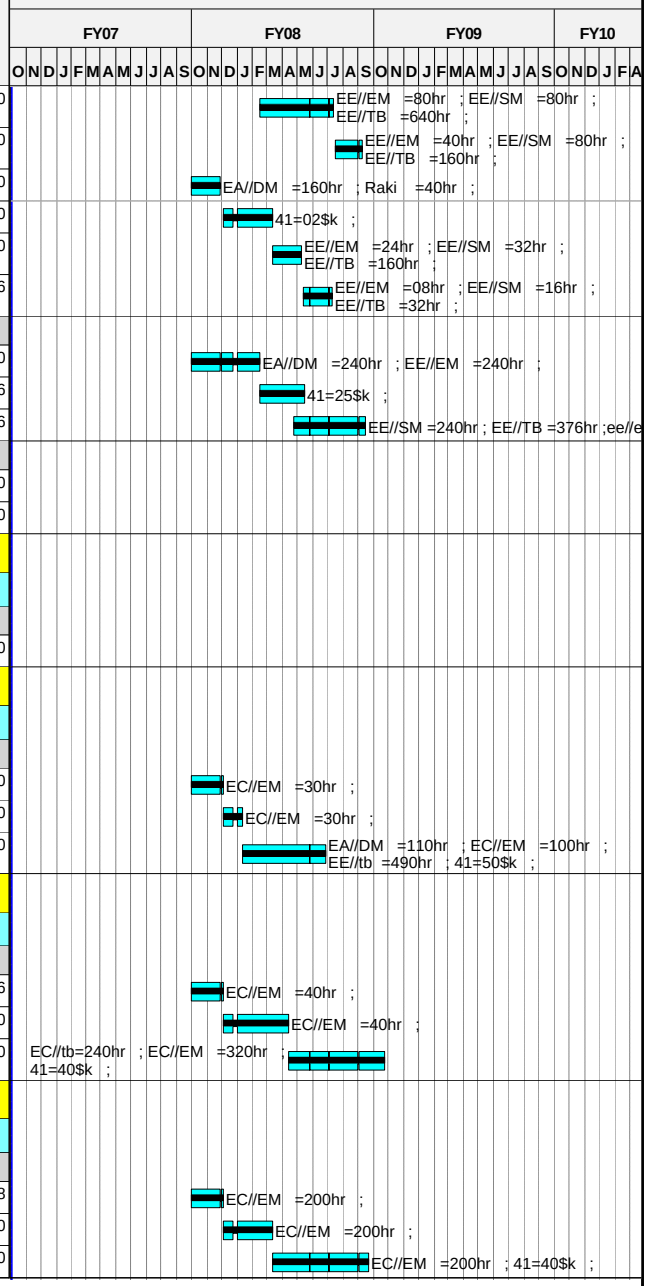
ECP-52
10/20/06 am

Progress Through September 30st 2006

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-52	ECP-50
452-1-6	Diagnostics AC Power Distr-Install	15FEB08	105	14JUL08		101		0.00	79,841.60	79,841.60
452-1-8	Diagnostics AC Power Distr-Commission	18JUL08	37	09SEP08		101		0.00	31,462.80	31,462.80
452-2-2	Diagnostics sensor cabling-Dsn	01OCT07*	43	28NOV07		145		0.00	26,503.60	25,808.40
452-2-4	Diagnostics sensor cabling-Procure	03DEC07	65	11MAR08		145		0.00	2,810.00	2,742.00
452-2-6	Diagnostics sensor cabling-Install	12MAR08	43	09MAY08		145		0.00	22,260.88	22,242.90
452-2-8	Diagnostics sensor cabling-Commission	12MAY08	40	08JUL08		145		0.00	6,292.56	6,292.56
453 - System Testing (PTP's)										
453-1-2	New Procedures	01OCT07*	90	14FEB08		153		0.00	71,505.60	69,631.20
453-1-4	Preop Testing-Procure test equipt	15FEB08*	65	15MAY08		188		0.00	35,125.00	34,301.56
453-1-8	Testing PTPs, ISTPs	25APR08*	100	16SEP08		103		0.00	213,785.76	213,785.76
ECP494501	ECP49 job closeout for fy06	01OCT05A	251	31JUL06A				5,000.00	5,000.00	5,000.00
FY05CV-37	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-52,000.00	-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	1,300.00
51 - TCP/IP Infrastructure Systems										
Job: 5101 - TCP/IP Infrastructure Systems										
51-10	Preliminary Design (Title I)	01OCT07*	45	04DEC07		227		0.00	4,695.30	4,695.30
51-20	Final Network Design (Title II)	05DEC07	20	10JAN08		227		0.00	4,695.30	4,695.30
51-30	Installation, Testing, Documentation (Title III)	11JAN08	120	27JUN08		227		0.00	141,455.60	141,455.60
52 - Central Instrumentation & Control										
5201 - I&C Systems										
52-10	Preliminary Design (Title I)	01OCT07*	45	04DEC07		145		0.00	6,260.40	6,191.16
52-20	Final Design (Title II)	05DEC07	87	14APR08		145		0.00	6,260.40	6,260.40
52-30	Installation, Testing, Documentation (Title III)	15APR08	135	23OCT08		145		0.00	126,284.98	125,608.00
53 - Data Acquisition & Facility Computing										
5301 - Data Acquisition										
53-10	Preliminary Design (Title I)	01OCT07*	45	04DEC07		167		0.00	31,302.00	30,955.78
53-20	Final Design (Title II)	05DEC07	65	13MAR08		167		0.00	31,302.00	31,302.00
53-30	Coding, Configuration, Testing (Title III)	14MAR08	135	23SEP08		167		0.00	87,502.00	87,502.00



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Forecast
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Critical Activity

EC52

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ECP-52
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Progress Through September 30st 2006

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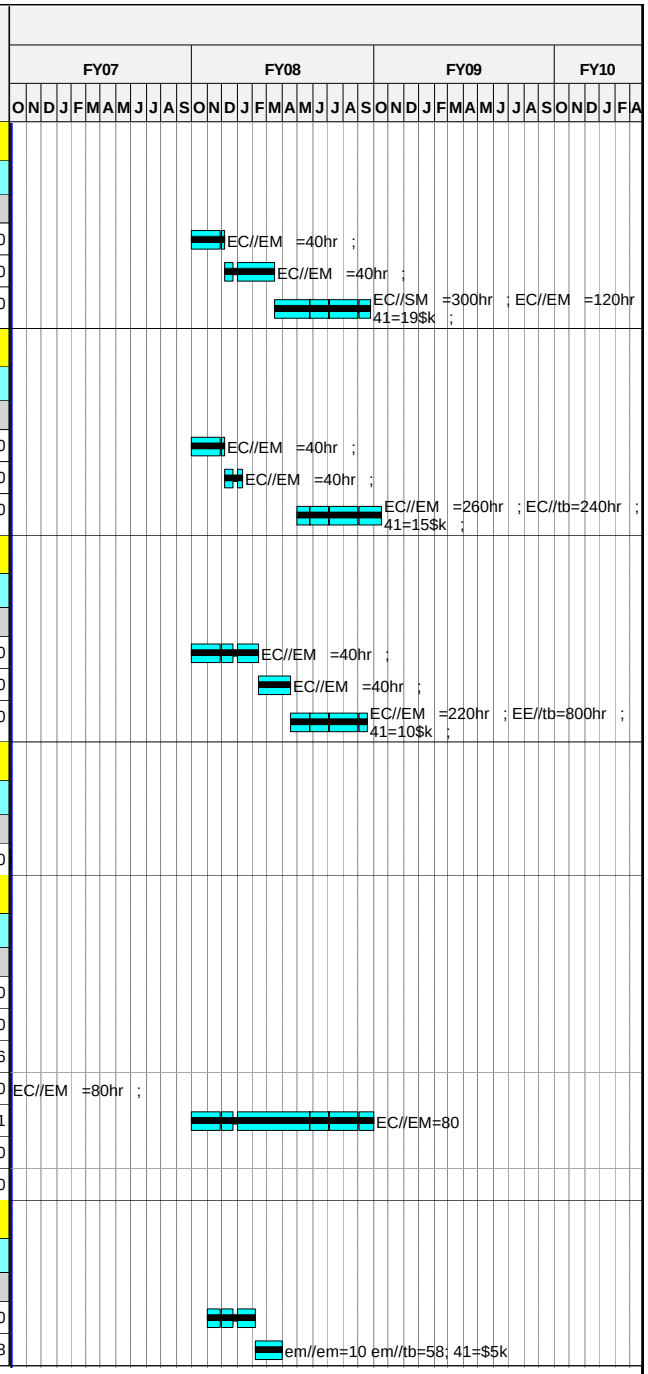
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
54 - Facility Timing & Synchronization										
Job: 5401 - Facility Timing & Synchronization										
54-10	Preliminary Design (Title I)	02OCT07*	*45*	05DEC07		***166***		0.00	6,260.40	6,260.40
54-20	Final Design (Title II)	06DEC07	*65*	14MAR08		***166***		0.00	6,260.40	6,260.40
54-30	Installation, Testing, Documentation (Title III)	17MAR08	*135*	24SEP08		***166***		0.00	69,632.20	69,632.20
55 - Real Time Plasma & Power Supply Control Sys										
5501 - Real Time Control System										
55-10	Preliminary Design (Title I)	02OCT07*	*45*	05DEC07		***226***		0.00	6,260.40	6,260.40
55-20	Final Design (Title II)	06DEC07	*20*	11JAN08		***226***		0.00	6,260.40	6,260.40
55-30	Installation, Testing, Documentation (Title III)	29APR08	*120*	16OCT08		***150***		0.00	81,478.84	81,092.40
56 - Central Safety Interlock Systems										
Job: 5601 - Central Safety Interlock Systems										
56-10	Preliminary Design (Title I)	02OCT07*	*87*	12FEB08		***171***		0.00	6,260.40	6,260.40
56-20	Final Design (Title II)	13FEB08	*45*	15APR08		***171***		0.00	6,260.40	6,260.40
56-30	Installation, Testing, Documentation (Title III)	16APR08	*108*	17SEP08		***171***		0.00	116,850.20	116,850.20
57 - Control Room Facility										
Job: 5701 - Control Room Facility										
57-10		29SEP06	*0*	28SEP06		***750***		0.00	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	11,900.00
51-01	FY04 LOE support	01OCT03A	*250**	30SEP04A			***LOE***	16,000.00	16,000.00	16,000.00
51-02	FY05 LOE support	01OCT04A	*249**	30SEP05A			***LOE***	12,462.26	12,462.26	12,462.26
58-FY06	FY07 LOE support	01MAY06A	*107**	29SEP06A			***LOE***	11,932.00	11,932.00	11,932.00
58-FY07	FY07 LOE support	02OCT07*	*249**	30SEP08		***250***	***LOE***	0.00	12,520.80	12,194.11
FY05CV-38	FY05 unrecoverable cost variance	01OCT04A	*251*	30SEP05A				-7,000.00	-7,000.00	-7,000.00
FY06CV-180	ECP45 FY06 cv	01OCT05A	*251**	30MAR06A			***100***	340.00	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	0.00
632.021	WBS 612 Assembly/Fabrication/Installation	05FEB08	*40*	31MAR08		***209***		0.00	13,802.48	13,802.48



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Critical Activity

EC52

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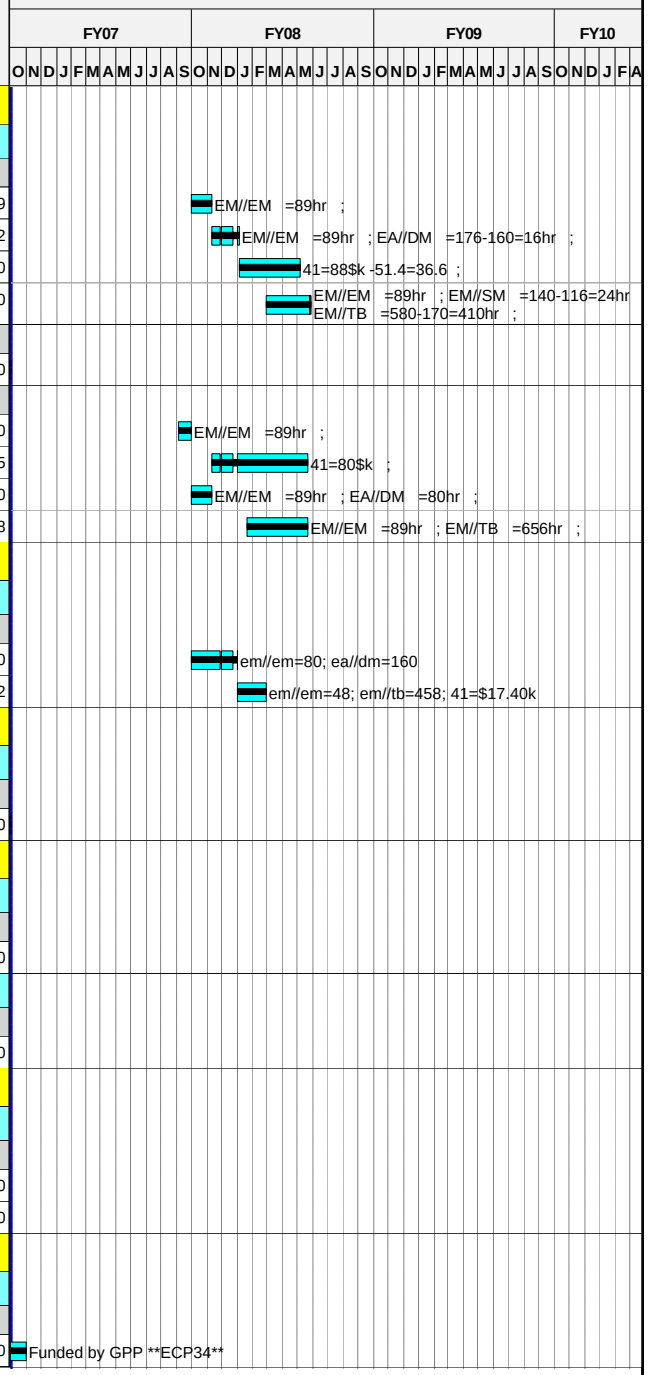
Progress Through September 30st 2006

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-52	ECP-50
62 - Cryogenic Systems										
Job: 6201 - Cryogenic Systems										
621 - LN2-LHe Supply System										
631-001	Preliminary Design	01OCT07*	30	09NOV07		247		0.00	16,205.12	15,792.79
631-010	Final Design**reduced scope	12NOV07	30	03JAN08		247		0.00	18,149.92	18,149.92
631-020	Procurement **reduced scope	04JAN08	88	06MAY08		247		0.00	123,078.00	123,078.00
631-015	Fab/Assy/Installation**reduced scope	29FEB08	65	30MAY08		247		0.00	71,991.50	71,991.50
622 - LN2 Coil Cooling Supply										
632-001	**deleted scope	29SEP06	0	28SEP06		750		0.00	0.00	0.00
623 - GN2 Cryostat Cooling System										
633-001	Preliminary Design	04SEP07*	20	01OCT07		251		0.00	15,800.97	15,779.70
633-020	Procurement	13NOV07	130	23MAY08		251		0.00	112,329.75	112,329.75
633-010	Final Design	02OCT07	30	12NOV07		251		0.00	25,929.12	25,644.50
633-015	Fab/Assy/Installation	23JAN08	88	23MAY08		251		0.00	72,266.88	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	34,014.40
640.021	Assembly/Fabrication	03JAN08	40	27FEB08		244		0.00	72,889.52	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	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	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	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	32,150.00
FY06CV-185	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	490.00	490.00	490.00
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	0.00



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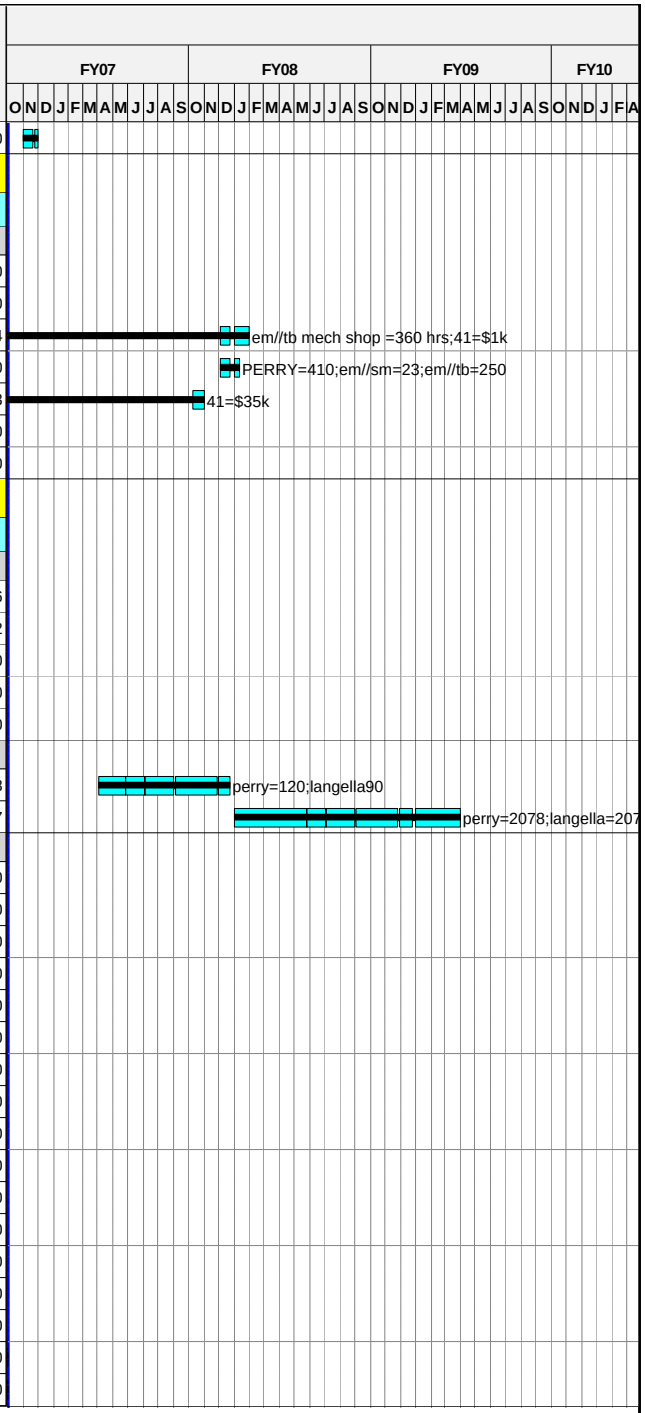
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
711B.050	Complete Control Room Flooring **post CD-4**	03NOV06*	18	30NOV06		707		0.00	0.00	0.00
73 - Platform Design & Fabrication										
Job: 7301 - Platform Design & Fab-PERRY										
712.008	Update Platform Specification	01JUN05A	0*	30JUN05A			100	6,416.80	6,416.80	6,416.80
712.010	Final Design	02MAY05A	43*	30JUN05A			100	53,163.80	53,163.80	53,163.80
711A.040	Platform nut plates	01APR05A	166*	31JAN08		169	90	26,126.30	29,029.22	29,121.34
712.020	Platform Parts	03DEC07*	22	10JAN08		184		0.00	26,279.76	25,591.00
712.030	Miscs Hardware/Material	01JUL05A	83*	31OCT07		226	80	36,609.50	45,761.87	45,518.13
FY05CV-39	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-50,000.00	-50,000.00	-50,000.00
FY06CV-195	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	3,740.00	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	148,582.46
714.010	LOE FY05	01OCT04A	249*	30SEP05A			LOE	109,972.42	109,972.42	109,972.42
7401-001	Apr-Sept MIE Cost PPPL	01APR03A	66	30SEP03A			100	164,000.00	164,000.00	164,000.00
FY05CV-40	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				178,000.00	178,000.00	178,000.00
FY06CV-200	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			100	32,120.00	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	53,510.98
714.030	LOE FY07 thru first plasma	02JAN08*	313*	31MAR09		129		0.00	675,245.97	876,727.47
FED/Infrastructure Support (non Project cost)										
613.010	Remove Shield Walls ** GPP **	01APR04A	64*	22JUN04A			100	0.00	0.00	0.00
613.015	Fabricate New Bottom Course of Blocks **GPP**	01APR04A	207*	31JAN05A			100	0.00	0.00	0.00
613.017	Install New Bottom Course **GPP**	01AUG05A	0*	31AUG05A			100	0.00	0.00	0.00
613.020	Remove south PLT shielding (cc 7230)	01JUN04A	0*	22JUN04A			100	0.00	0.00	0.00
613.025	Dispose of old south PLT shielding **GPP**	01AUG04A	0*	31AUG04A			100	0.00	0.00	0.00
EXFAC003	Clear PBX control room & Safe PBX (cc7230)	27JAN03A	110*	30JUN03A			100	0.00	0.00	0.00
EXFAC004	Remove Fire protection PLT wall (cc7230)	01MAY03A	21	09MAY03A			100	0.00	0.00	0.00
EXFAC005	Remove Fire Protection under platform (cc7230)	01APR03A	21	30APR03A			100	0.00	0.00	0.00
EXFAC006	Remove Fire Protection Control rm walls(cc7230)	01MAY03A	21	09MAY03A			100	0.00	0.00	0.00
EXFAC007	Remove PBX Base Plates cc7230)	25FEB04A	48*	12MAR04A			100	0.00	0.00	0.00
GPP001	GPP-Upgarde C-Site central chilled wtr plant*TBD	01OCT02A	1	01OCT02A			100	0.00	0.00	0.00
GPP004	GPP-Roofing Design	01APR04A	291	31MAY05A			100	0.00	0.00	0.00
GPP004.1	GPP-Roofing Install	01MAY05A	0	31MAY05A			100	0.00	0.00	0.00
GPP005	GPP-Test Cell lighting Design	01APR04A	206*	31JAN05A			100	0.00	0.00	0.00
GPP005.1	GPP-Test Cell lighting Install ***TBD***	02MAY05A	0	31MAY05A			100	0.00	0.00	0.00
GPP006	GPP-Test Cell HVAC/dew point control Design*TBD	29SEP06	0	28SEP06		750		0.00	0.00	0.00
GPP006.1	GPP-Test Cell HVAC/dew point control InstallTBD	29SEP06*	0	28SEP06		750		0.00	0.00	0.00



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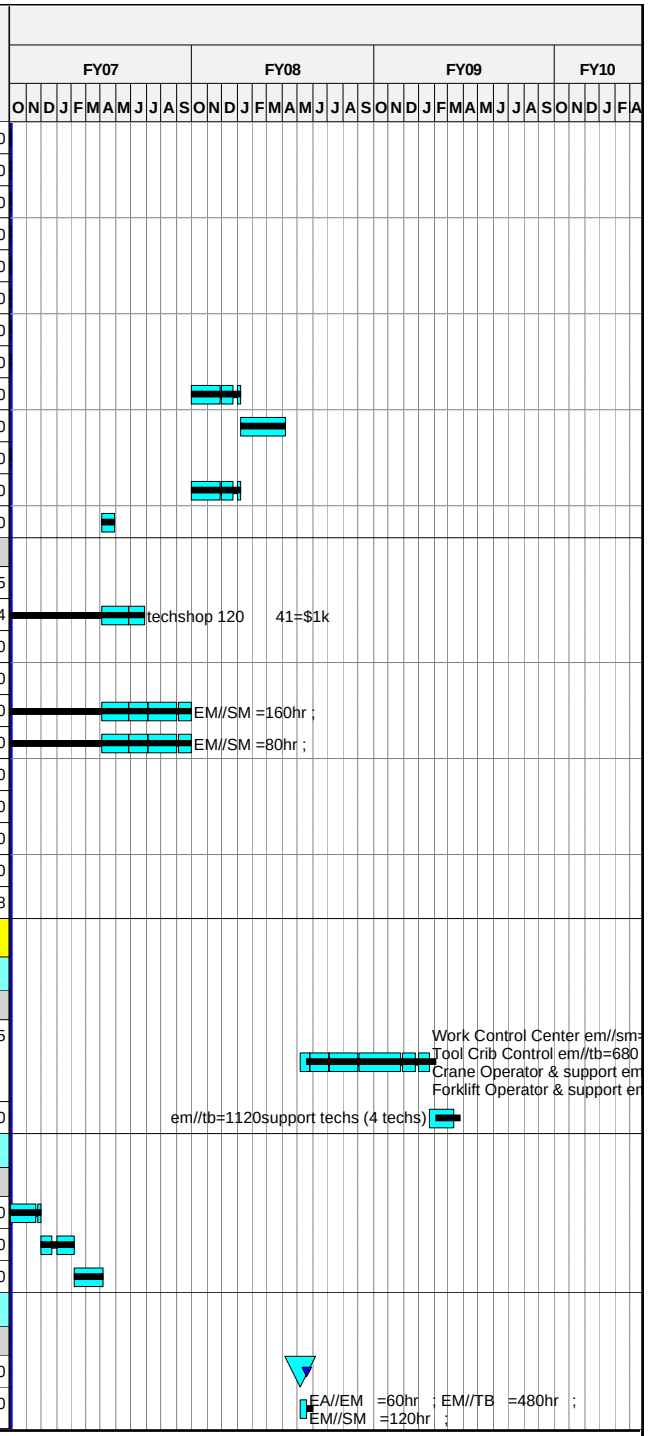
GPP007	GPP-C-Site elevators Design	29SEP06*	0	28SEP06		750		0.00	0.00	0.00
GPP007.1	GPP-C-Site elevators Install	29SEP06	0	28SEP06		750		0.00	0.00	0.00
GPP008	GPP-Fire suppression high bay design*TBD*	29SEP06	0	28SEP06		750		0.00	0.00	0.00
GPP008.1	GPP-Fire suppression high bay install*TBD*	29SEP06	0	28SEP06		750		0.00	0.00	0.00
GPP009	Control Room Lights & Outlets design*TBD*	29SEP06	0	28SEP06		686		0.00	0.00	0.00
GPP009.1	Control Room Lights & Outlets install*TBD*	29SEP06	0	28SEP06		686		0.00	0.00	0.00
GPP010	Control Room HVAC Design **TBD**	29SEP06	0	28SEP06		686		0.00	0.00	0.00
GPP010.1	Control Room HVAC Install **TBD**	29SEP06	0	28SEP06		686		0.00	0.00	0.00
GPP011	Control Room Ceiling Design	01OCT07*	64	09JAN08		372		0.00	0.00	0.00
GPP011.1	Control Room Ceiling Install	10JAN08	64	08APR08		372		0.00	0.00	0.00
GPP012	Control Rm Fire Detection & Suppression Design	29SEP06*	0	28SEP06		622		0.00	0.00	0.00
GPP012.1	Control RmFire Detection & Suppression Install	01OCT07*	64	09JAN08		372		0.00	0.00	0.00
GPPCRANE	Upgrade NCSX test cell crane	02APR07*	20	27APR07		214		0.00	0.00	0.00
Test Cell Modifications & Upgrades										
714.020X	TC power instl	01AUG05A	436*	30SEP05A				63,673.65	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	10,867.84
713.010	General procurements	02APR05A	128*	30SEP05A			LOE	19,215.00	19,215.00	19,215.00
7502-000	Outlet Design	02FEB04A	107*	30JUN04A			100	25,272.00	25,272.00	25,272.00
7502-001	Test Cell 110v outlets	01APR05A	256*	28SEP07		500	70	13,215.90	18,879.85	18,471.60
7502-002	Test Cell 208v outlets	01APR05A	256*	28SEP07		500	70	6,607.95	9,439.93	9,235.80
7502-003	Install 480v power in test cell	01SEP05A	0*	30SEP05A			100	0.00	0.00	0.00
7502-004	Install 120v panels in test cell	01SEP05A	0*	30SEP05A			100	0.00	0.00	0.00
7502-011	Cable Removal in test cell (S04335-32)	01OCT03A	0*	31OCT03A			100	9,937.20	9,937.20	9,937.20
7502-025	TC Floor penetration covers	03NOV03A	42	26NOV03A			100	16,848.00	16,848.00	16,848.00
EXFAC001.2	Complete Crane Modifications (S04354)	02FEB04A	0*	30JAN04A			100	37,608.48	37,608.48	37,608.48
75 - Test Cell and Basement Assembly Operations										
7501 - Construction Support Crew										
7501-05	Construction Support Crew during machine assy	08MAY08	173*	21JAN09		100		0.00	486,742.85	833,947.45
7501-06	Construction Support Crew e-beam mapping&ISTP	22JAN09	35*	11MAR09		100		0.00	102,211.20	102,211.20
7502 - Test Cell Facility Preparations										
7502-020	Resurface TC floor**DELETED**	02OCT06*	42	30NOV06		623		0.00	0.00	0.00
7502-030	TC Floor firesealing**DELETED**	01DEC06	42	06FEB07		623		0.00	0.00	0.00
7502-035	Control room firesealing**DELETED**	07FEB07	42	05APR07		623		0.00	0.00	0.00
7503 - Machine Assembly										
Revised Assembly Logic (ecp18)										
7503-010	Begin Assembly Activities	08MAY08*	0			100		0.00	0.00	0.00
7503-020	Install & Level Support Base Plates	08MAY08	8	19MAY08	2	100		0.00	68,122.20	68,122.20



Run Date 20OCT06 09:20

Forecast
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Progress Bar
Critical Activity

EC52

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Progress Through September 30st 2006

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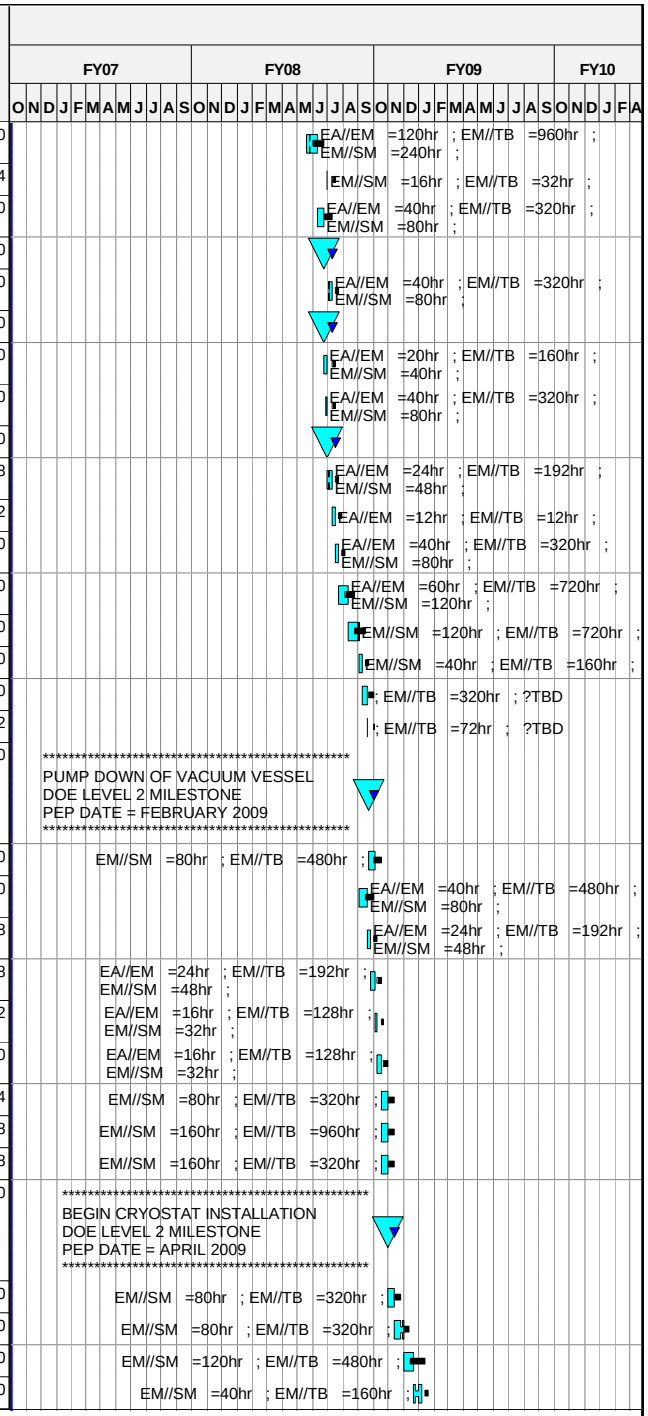
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
7503-030	Install/Level FPA's and Spool Piece supports	20MAY08	15	10JUN08	2	100		0.00	136,244.40	136,244.40
7503-060	Install Lower PF 4,5&6 into prelim position	30JUN08	2	01JUL08		100		0.00	4,887.04	4,887.04
7503-070	Install 3 Spool Pieces on fixt & test movement	11JUN08	10	24JUN08		100		0.00	45,414.80	45,414.80
7503-080	FPA-1 Installed on support platform		0	24JUN08		100		0.00	0.00	0.00
7503-090	Install local Platforms around FPA-1	03JUL08	5	10JUL08	2	100		0.00	45,414.80	45,414.80
7503-110	FPA-2 Installed on support platform		0	24JUN08		100		0.00	0.00	0.00
7503-120	Test movement of FPA-1& -2 & position checks.	25JUN08	5	01JUL08		100		0.00	22,707.40	22,707.40
7503-130	Install local Platforms around FPA-2	27JUN08	3	01JUL08		100		0.00	45,414.80	45,414.80
7503-150	FPA-3 Installed on support platform		0	01JUL08		100		0.00	0.00	0.00
7503-160	Position all FPA's / Spool Pieces @ MC Interface	02JUL08	6	10JUL08		100		0.00	27,248.88	27,248.88
7503-170	FPA Metrology Checks to Assure Alignment	11JUL08	3	15JUL08		100		0.00	3,217.32	3,217.32
7503-190	Install local Platforms around FPA-3	16JUL08	5	22JUL08	2	100		0.00	45,414.80	45,414.80
7503-180	MC Interfaces: shim, ream holes ,bolt together	23JUL08	15	12AUG08		100		0.00	88,632.60	88,632.60
7503-200	Mate-up and weld all VV-to-Spool interfaces	13AUG08	15	03SEP08		100		0.00	77,673.60	77,673.60
7503-240	Bolt on preassembled pump duct	04SEP08	5	10SEP08		100		0.00	19,054.40	19,054.40
7503-240.1	Install insulation boots	11SEP08	5	17SEP08	2	100		0.00	27,347.20	27,347.20
7503-240.2	Install insulation	18SEP08	2	19SEP08	2	100		0.00	6,153.12	6,153.12
7503-250	Begin Vac Vsl Pumpdown	22SEP08	0			100		0.00	0.00	0.00
7503-260	PTP Pumpdown & leak check VV	22SEP08	10	03OCT08		100		0.00	52,836.72	51,782.40
7503-210	Fit-up all TF coils	04SEP08	10	17SEP08		100		0.00	59,088.40	59,088.40
7503-270	Raise lower PF 4,5&6 coils into final position	18SEP08	6	25SEP08		100		0.00	27,248.88	27,248.88
7503-280	Install Upper PF 4,5 & 6 coils	26SEP08	6	03OCT08		100		0.00	28,173.48	27,248.88
7503-290	Install PF Solenoid into position (U/L PF1,2,3)	06OCT08	4	09OCT08		100		0.00	19,398.72	18,165.92
7503-290A	Install trim coils	10OCT08	5	16OCT08		100		0.00	19,398.72	0.00
7503-310	Complete LN2 connections	17OCT08	10	30OCT08		100		0.00	40,695.20	38,367.44
7503-320	Complete Elect Pwr connections	17OCT08	10	30OCT08	2	100		0.00	110,593.60	104,267.68
7503-321	Complete mag diag & machine I&C	17OCT08	10	30OCT08	2	100		0.00	52,187.20	49,202.08
7503-330	Begin Cryostat Installation	31OCT08	0			100		0.00	0.00	0.00
7503-340	Install Cryostat Base, vapor barrie& port boots	31OCT08	10	13NOV08		100		0.00	40,695.20	40,695.20
7503-350	Install Cryostat upper section,VB and port boots	14NOV08	10	01DEC08		100		0.00	40,695.20	40,695.20
7503-360	Install Midplane Cryostat sections and port boot	02DEC08	15	22DEC08		100		0.00	61,042.80	61,042.80
7503-370	Install Cryostat Circulation Duct	23DEC08	5	07JAN09		100		0.00	20,347.60	20,347.60



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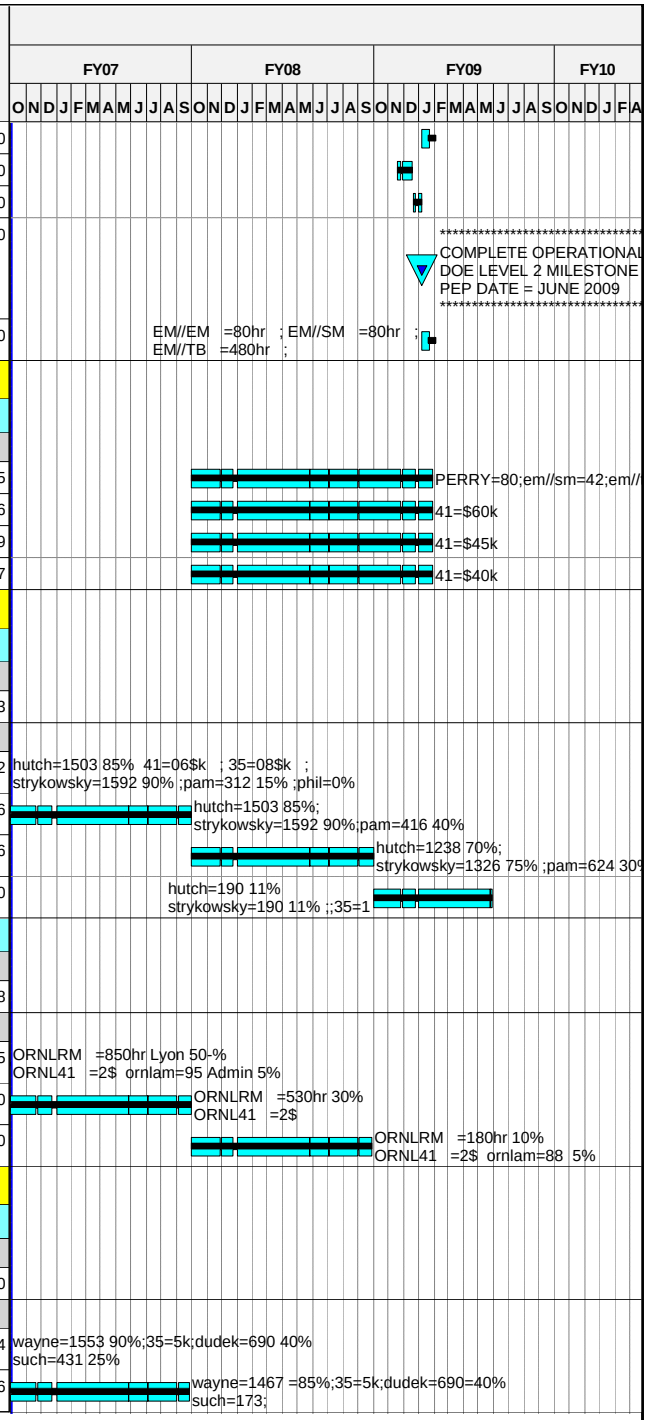
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
730.8200Z	PTP and Cooldown (dup of 730.8200)	08JAN09	10	21JAN09		**178**		0.00	0.00	0.00
730.1248	ACC Review	20NOV08	20	19DEC08		**101**		0.00	0.00	0.00
730.1249	PSO Operational Readiness Assessment	22DEC08	5	06JAN09		**101**		0.00	0.00	0.00
730.1250	PSO Operational Readiness Assessment		0	06JAN09		**101**		0.00	0.00	0.00
730.8200	PTP and Cooldown	08JAN09	10	21JAN09		**100**		0.00	70,850.40	70,850.40
76 - Tooling Design & Fabrication										
Job: 7601 - Tooling Design & Fabrication										
713.020	Lab Fab/Assy/Installation	01OCT07*	329*	30JAN09		**171**		0.00	32,704.75	32,704.75
713.030	Tooling,assy fixtures,misc equipt	01OCT07*	329*	30JAN09		**171**		0.00	84,804.26	84,804.26
713.040	General procurements	01OCT07*	329*	30JAN09		**171**		0.00	63,603.19	63,603.19
713.050	Welding tools, materials & equipt	01OCT07*	329*	30JAN09		**171**		0.00	56,536.17	56,536.17
81 - Project Management and Control										
Job: 8101 - Project Management & Control-NEILSON										
+ Prior Costs										
		01APR03A	636	30SEP05A				1,920,581.73	1,920,581.73	1,953,581.73
810.004	Project Management Office PPPL FY06	03OCT05A	249*	29SEP06A			**LOE**	634,642.72	634,642.72	634,642.72
810.005	Project Management OfficePPPL FY07	02OCT06*	249*	28SEP07		**500**		0.00	640,879.96	640,879.96
810.900	Project Management Office PPPL FY08	01OCT07*	250*	30SEP08		**250**		0.00	554,496.26	554,496.26
810.909	Project Management Office PPPL FY09	01OCT08*	163*	29MAY09		**87**		0.00	84,463.70	84,463.70
Job: 8102 - NCSX MIE Management ORNL-LYON										
+ Prior Costs										
		01APR03A	636	30SEP05A				255,968.98	255,968.98	254,968.98
810.104	Project Management Office ORNL FY06	01OCT05A	249*	29SEP06A			**LOE**	173,610.65	173,610.65	173,610.65
810.104X	Project Management Office ORNL FY07	29SEP06	250*	28SEP07		**500**		0.00	66,144.74	66,152.50
810.105X	Project Management Office ORNL FY08	02OCT07*	248*	29SEP08		**251**		0.00	36,664.00	36,664.00
82 - Project Engineering										
Job: 8202 - Engr Mgmt & Sys Eng Support-REIERSEN										
+ Prior Costs										
		01APR03A	636	30SEP05A				1,655,338.70	1,655,338.70	1,615,338.70
820.004	Proj engr FY06	03OCT05A	249*	29SEP06A			**LOE**	440,965.54	440,965.54	440,965.54
820.04X	Proj engr FY07	02OCT06*	246*	25SEP07		**503**		0.00	407,962.88	369,690.16



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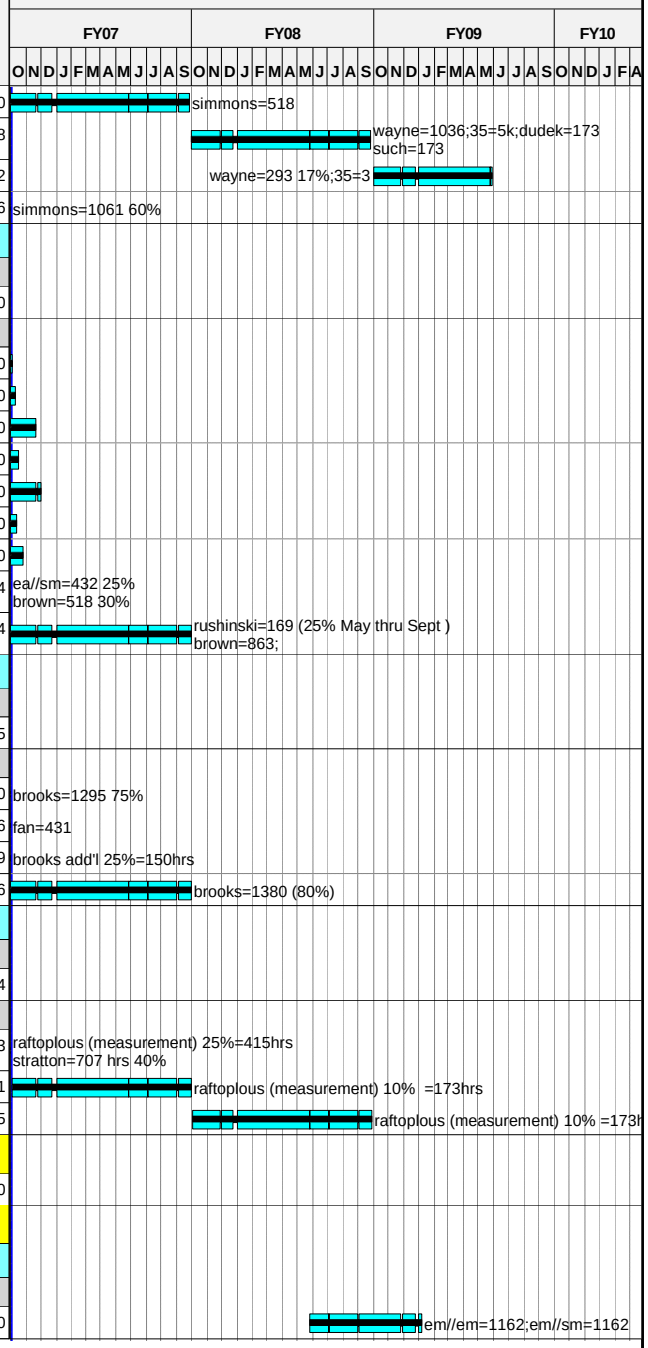
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
8205FY07	Systems Engineering Support FY07	02OCT06*	*246**	25SEP07		***503***		0.00	92,131.48	0.00
820.004Z	Proj engr FY08	02OCT07*	*246**	25SEP08		***253***		0.00	245,966.08	245,966.08
820.005	Proj engr FY09	01OCT08*	*163**	29MAY09		***87***		0.00	62,798.72	62,798.72
8205FY06	Systems Engineering Support FY06	03OCT05A	*249**	29SEP06A			***LOE***	184,677.66	184,677.66	184,677.66
Job: 8203 - Design Integration-BROWN										
+ Prior Costs										
		01APR03A	*636*	30SEP05A				712,348.70	712,348.70	686,348.70
8203-06	Complt rvw of machine assembly approach	29SEP06*	*4*	04OCT06		***746***		0.00	0.00	0.00
8203-07	Rvw cryostat & conventional magnet sys design	29SEP06*	*9*	11OCT06		***741***		0.00	0.00	0.00
8203-08	tollerance reqmnts for MCsuprt install fixt dwgs	29SEP06*	*39*	22NOV06		***711***		0.00	0.00	0.00
8203-09	Machine suprt dsn f/compatibility with assy reqt	29SEP06*	*12*	16OCT06		***738***		0.00	0.00	0.00
8203-10	Dynamic simul MC half period install fixt w/ Pro	29SEP06*	*42*	29NOV06		***708***		0.00	0.00	0.00
8203-11	Document NCSX Interlink& dwg control process	29SEP06*	*11*	13OCT06		***739***		0.00	0.00	0.00
8203-12	Update definition VV spool piece assy simul	29SEP06*	*19*	25OCT06		***731***		0.00	0.00	0.00
8203FY06	Design Integration FY06	03OCT05A	*249**	29SEP06A			***LOE***	140,201.64	140,201.64	140,201.64
8203FY07	Design Integration FY07	02OCT06*	*249**	28SEP07		***500***		0.00	183,608.44	194,212.84
Job: 8204 - Systems Analysis-BROOKS										
+ Prior Costs										
		01APR03A	*636*	30SEP05A				644,052.25	644,052.25	499,052.25
8204FY06	Systems Analysis FY06	03OCT05A	*249**	29SEP06A			***LOE***	225,407.70	225,407.70	225,407.70
8204FY06.1	Systems Analysis FY06	01MAY06A	*106**	29SEP06A			***LOE***	75,019.86	75,019.86	75,019.86
8204FY06.2	Systems Analysis FY06	01MAY06A	*107**	29SEP06A			***LOE***	26,074.19	26,074.19	26,074.19
8204FY07	Systems Analysis FY07	02OCT06*	*249**	28SEP07		***500***	***LOE***	0.00	245,589.09	76,657.66
Job: 8205 - Dimensional Control Coordination										
+ Prior Costs										
		01OCT04A	*251*	30SEP05A				49,458.84	49,458.84	89,458.84
METFY06R	Metrology for FP & machine assy FY06	03OCT05A	*249**	29SEP06A			***LOE***	189,307.03	189,307.03	189,307.03
METFY07R	Metrology for FP & machine assy FY07	03OCT06*	*248**	28SEP07		***500***		0.00	30,769.78	132,492.61
METFY08R	Metrology for FP & machine assy FY08	03OCT07*	*247**	29SEP08		***251***		0.00	31,598.45	75,799.75
+ 84 - Project Physics										
		01APR03A	*757*	30MAR06A				471,072.20	471,072.20	471,072.20
85 - Integrated Systems Testing										
Job: 8501 - Integrated Systems Testing										
920.001	Procedure and Document Preparation	27MAY08*	*150*	06JAN09		***101***		0.00	378,034.78	371,980.70



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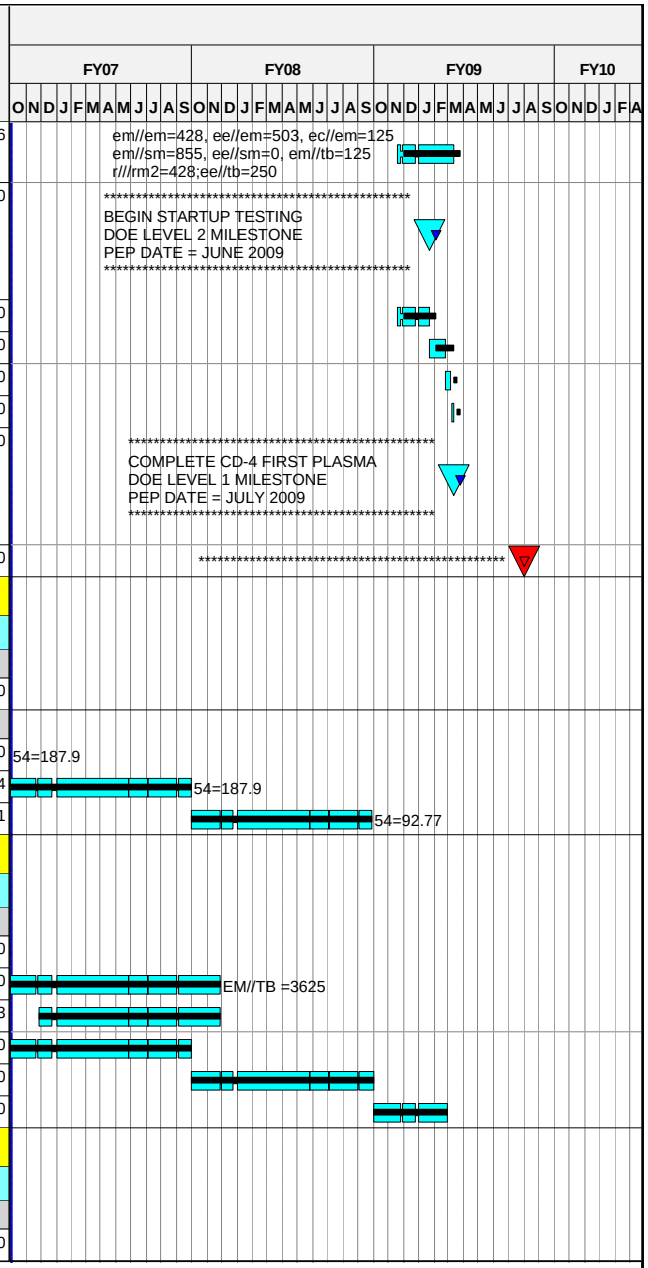
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52	ECP-50
920.000	Startup Personnel	19NOV08	72	11MAR09		100		0.00	435,467.96	435,467.96
920.004	Begin Start-up Testing	22JAN09	0			100		0.00	0.00	0.00
920.005	Punch list,Cmplt PTP's,Reconfig, Rm temp Hi-pot	19NOV08	37	21JAN09		100		0.00	0.00	0.00
920.010	Field Coil Testsing,FCPC test & E-Beam Mapping	22JAN09	25	25FEB09		100		0.00	0.00	0.00
920.020	Final ISTP	26FEB09	7	06MAR09		100		0.00	0.00	0.00
920.021	Operations Approval	09MAR09	3	11MAR09		100		0.00	0.00	0.00
730.9000	First Plasma		0	11MAR09		100		0.00	0.00	0.00
M-0120	CD-4 First Plasma		0	31JUL09*		0		0.00	0.00	0.00
PPPL Allocations										
Job: 8998 - Allocations										
+ Prior Costs										
		01APR03A	636	30SEP05A			100	874,539.80	874,539.80	779,539.80
99.06	PPPL Allocations FY06	03OCT05A	249*	29SEP06A			LOE	329,764.50	329,764.50	329,764.50
99.07	PPPL Allocations FY07	02OCT06*	250*	01OCT07		499		0.00	332,787.44	332,787.44
99.08	PPPL Allocations FY08	01OCT07*	249*	29SEP08		251		0.00	166,336.61	166,336.61
Contingency										
Contingency-Project										
FY06CV	Contingency setaside for balance of FY06 cv	03OCT05A	1*	29SEP06A				1,398,000.00	1,398,000.00	0.00
1451ETC-2	1451 add'l (estimate at 90% cpi factor)	02OCT06*	290*	26NOV07		459		0.00	302,820.50	0.00
1451RISK	ecp50 winding risk setaside	29NOV06*	252	28NOV07		457		0.00	432,557.90	432,496.33
99.107	Contingency FY07	02OCT06*	249*	28SEP07		500		0.00	1,308,810.05	1,141,192.00
99.108	Contingency FY08	01OCT07*	250*	30SEP08		250		0.00	2,974,180.00	5,509,422.00
99.109	Contingency FY09	01OCT08*	99*	27FEB09		151		0.00	132,252.00	790,758.00
DCMA										
DCMAFY04	DCMA	01OCT03A	256*	30SEP04A				75,000.00	75,000.00	75,000.00



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