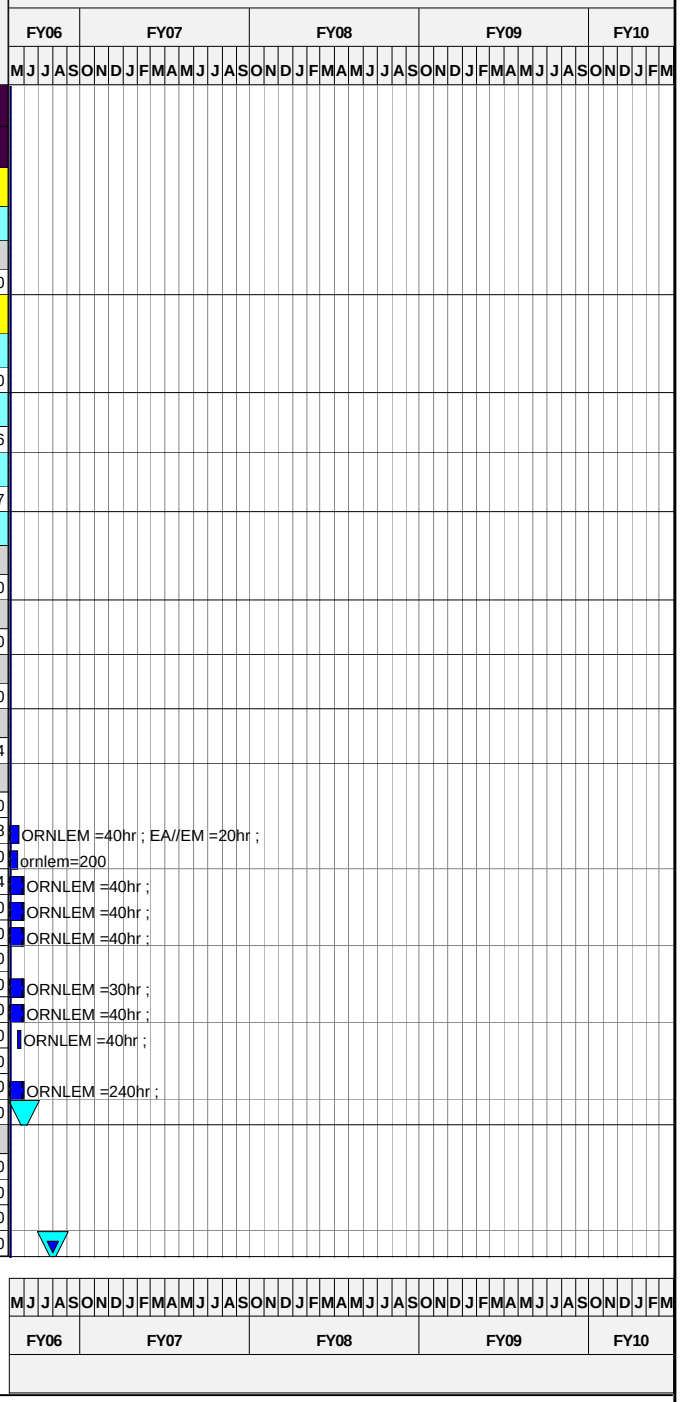
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
cc 9450 - NCSX Fabrication (MIE)										
1 - Stellarator Core Systems										
11 - In-Vessel Components										
Job: 1101 - Limiter Adv Conc/Prel Dsn-CLOSED***										
Prior Costs										
1101-100		Update Conceptual Design	15JUL03A	78*	30SEP03A			60.00	100	60.00
12 - Vacuum Vessel Systems										
+ Job: 1201 - Vacuum Vessel Prelim Dsn-CLOSED****										
			01APR03A	133	07OCT03A			424,420.00	100	424,420.00
+ Job: 1202 - Vacuum Vessel R&D **CLOSED**										
			01APR03A	636	30SEP05A			1,770,181.86	100	1,770,181.86
+ Job: 1206 - VV Field Weld Joint R&D-CLOSED****										
			29APR04A	359	30SEP05A			15,639.37	100	15,639.37
Job: 1203 - Vacuum Vessel Final Dsn-GORANSON										
+ Closeout PDR Design Deliverables										
			01OCT03A	235	31AUG04A			34,746.30	100	34,746.30
+ PDR Recommendations										
			01NOV03A	42	31DEC03A			25,738.00	100	25,738.00
+ Vacuum Vessel Vendor Selection										
			01JUN04A	86	30SEP04A			5,782.20	100	5,782.20
+ FY05 Final Design Tasks										
			01OCT03A	507	30SEP05A			744,133.94	100	744,133.94
Final Design Tasks										
1203-802A		Analysis of SXR cans and spacer	03JAN06A	21*	31JAN06A			0.00	100	0.00
1203-241		Check FMECA Analyses	01SEP05A	180*	22MAY06		840	8,112.55	80	10,140.68
1203-271		Develop Assy Rqmnts spec & process	01MAY06*	14*	18MAY06		251	25,305.00	75	33,740.00
1203-800		Issue VV FP Station 1 assy dwg	22SEP05A	170*	30MAY06		338	5,716.62	85	6,725.44
1203-801		Issue VV FP final assy dwg	01NOV05A	142*	30MAY06		338	5,398.40	80	6,748.00
1203-802		Issue spacer field machining dwgs	01JAN06A	105*	30MAY06		338	5,398.40	80	6,748.00
1203-806		Establish interface reqmnts	01NOV05A	112*	17APR06A			6,748.00	100	6,748.00
1203-820		BOM for all VV parts	03OCT05A	163*	30MAY06		835	4,301.85	85	5,061.00
1203-803		Issue VV final assy dwg	01MAY06	21*	30MAY06		249	0.00		6,748.00
1203-804		Issue VV assy specification	19MAY06	5*	25MAY06		251	0.00		6,748.00
1203-901.5	EC45	ECP45 FY06 cv	01OCT05A	43	31MAR06A			91,870.00	LOE	91,870.00
1203-902	EC45	**dummy task ECP44 ETC update hours	01APR06A	43	31MAY06		834	19,758.14	LOE	40,488.00
1203-901		**WBS 12 FINAL FDR **		0	31MAY06*		337	0.00		0.00
VV Personnel Access Port										
1203-950		Personnel Access Port Drawings	01OCT05A	41*	30NOV05A			0.00	100	0.00
1203-951		Personnel Access Port Analysis	01NOV05A	20*	30NOV05A			0.00	100	0.00
12003-952		Personnel Access Port FDR		0	30NOV05A			1,349.60	100	1,349.60
124-100		Issue req & dwg package NB port cover	02AUG06*	0			319	0.00		0.00



Run Date 08JUN06 12:31

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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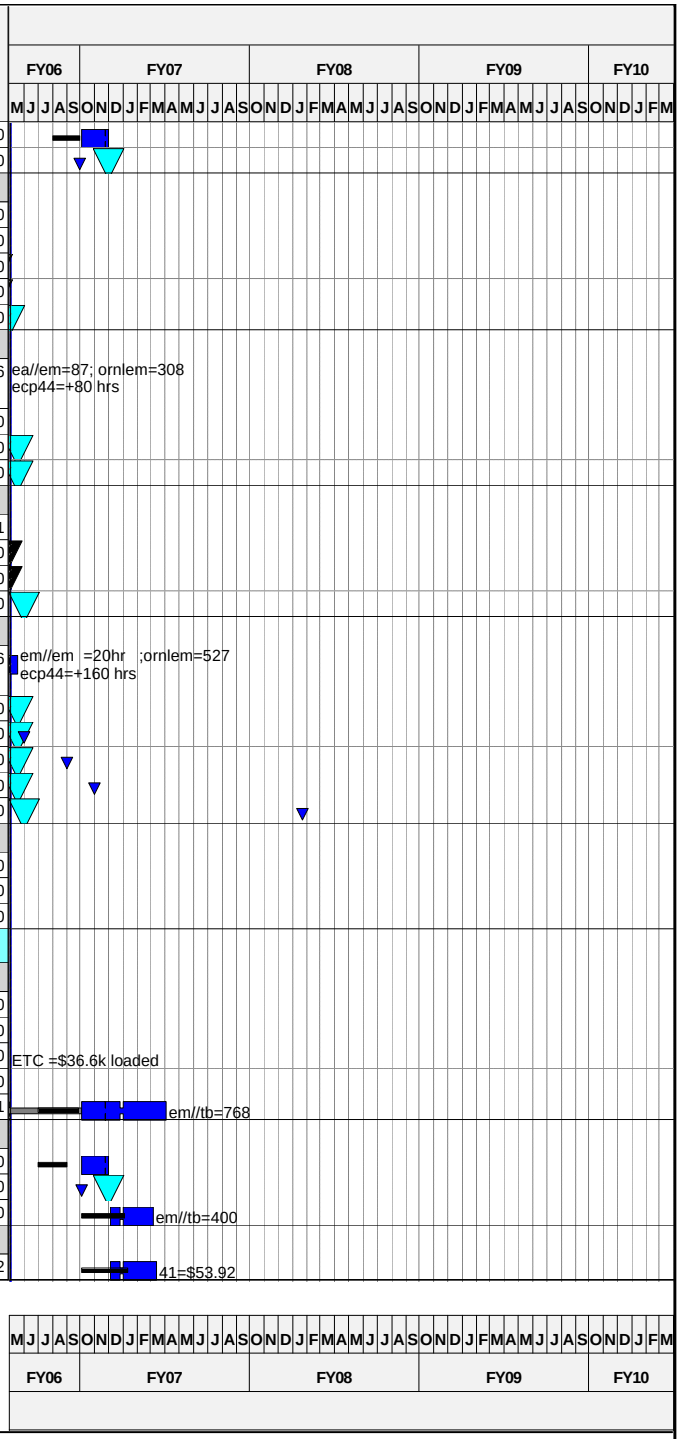
124-110		SPEA VV NB port cover	02OCT06*	43	01DEC06		277	0.00		0.00
124-120		Award VV NB port cover		0	01DEC06		277	0.00		0.00
VV Heating/Cooling Tubing										
1203-805		Redo CC heating/coolinbg tube dwgs& analysis	01OCT05A	79*	31JAN06A			20,244.00	100	20,244.00
1203-805A		Mockup and test cooling tube design	03JAN06A	21*	31JAN06A			0.00		0.00
1203-805F		Heating/cooling tube & clamp FDR		0	31MAR06A			0.00		0.00
1203-805G		Heating/cooling tube routing FDR		0	31MAR06A			0.00		0.00
123-030.0		Issue Proc Pkg for VV H/C Tubing WBS 123	01MAY06*	0			340	0.00		0.00
VV Heater Tape										
122-012	EC45	Heater Tape System Design	02MAY05A	250*	28APR06A			77,971.36	100	77,971.36
122-013		Heater Tape System mockup & test	19DEC05A	69*	21MAR06A			0.00	100	0.00
122-013A		Heater Tape System FDR		0	18MAY06*		265	0.00		0.00
122-012A		Issue Proc Pkg for VV Heater Tape		0	18MAY06*		265	0.00		0.00
VV Local I&C										
125-011		Final design WBS 125 local I&C	01MAR05A	307*	21APR06A			17,118.41	100	17,118.41
125-011P		PDR (define rqmnts & sys architecture)		0	21APR06A			0.00		0.00
125-011F		FDR (Define HW & SW rqmnts)		0	21APR06A			0.00		0.00
125-036		Issue Procurement Package Local I&C WBS 125	01JUN06*	0			337	0.00		0.00
Thermal Insulation										
122-011	EC45	Final design WBS 122 Thermal insulation	01JUN04A	492*	17MAY06		211	80,238.82	80	109,581.56
122-011F		FDR Thermal Insulation		0	18MAY06*		210	0.00		0.00
122-050		Prep spec and req Blanket Thermal Insulation	19MAY06*	0			210	0.00		0.00
123-035		Issue Proc Pkg for insulation boots WBS 122	19MAY06*	0			313	0.00		0.00
122-040		Prep spec and req Port Thermal Insulation	19MAY06*	0			354	0.00		0.00
122-030.0		Prep spec and req Pourable Insulation	01JUN06*	0			526	0.00		0.00
SXR Diagnostic VV Design										
1203-810		resolve design pockets for soft x ray arrays	01JAN06A	0*	31JAN06A			9,447.20	100	9,447.20
1203-810P		soft x ray array PDR		0	28FEB06A			0.00	100	0.00
1203-810F		soft x ray array FDR		0	28FEB06A			0.00	100	0.00
Job:1204-VV Sys Procurements (non VVSA)-DUDEK										
VV Vertical Supports										
124-030.0		Release dwg package for fab VV Vertical Supports	30SEP05A	0				0.00		0.00
124-037A		Bid award Titanium Rod ends (PE6383)	01DEC05A	45	22DEC05A			0.00		0.00
124-037B		Deliver Titanium Rod ends (PE6383)	22DEC05A	86*	28APR06A			0.00		0.00
124-037C		Deliver Misc hardware (PE 006209)	31MAR06A	60	31MAR06A			0.00		0.00
124-037		PPPL Fab VV Vert. Supports (log # M1091)	01DEC05A	38	03APR07		231	31,649.66	50	63,299.31
VV Lateral Supports										
124-030L		SPEA VV Lateral Supports WBS 124	02OCT06*	43	01DEC06		252	0.00		0.00
124-036.9L		Award VV Lateral Supports WBS 124		0	01DEC06*		252	0.00		0.00
124-037L		VV Lateral Supports Fab by PPPL WBS 124	04DEC06	60	05MAR07		252	0.00		33,288.00
VV Personnel Access Port										
124-130		VV NB port cover Fabrication	04DEC06	65	12MAR07		277	0.00		73,924.32



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Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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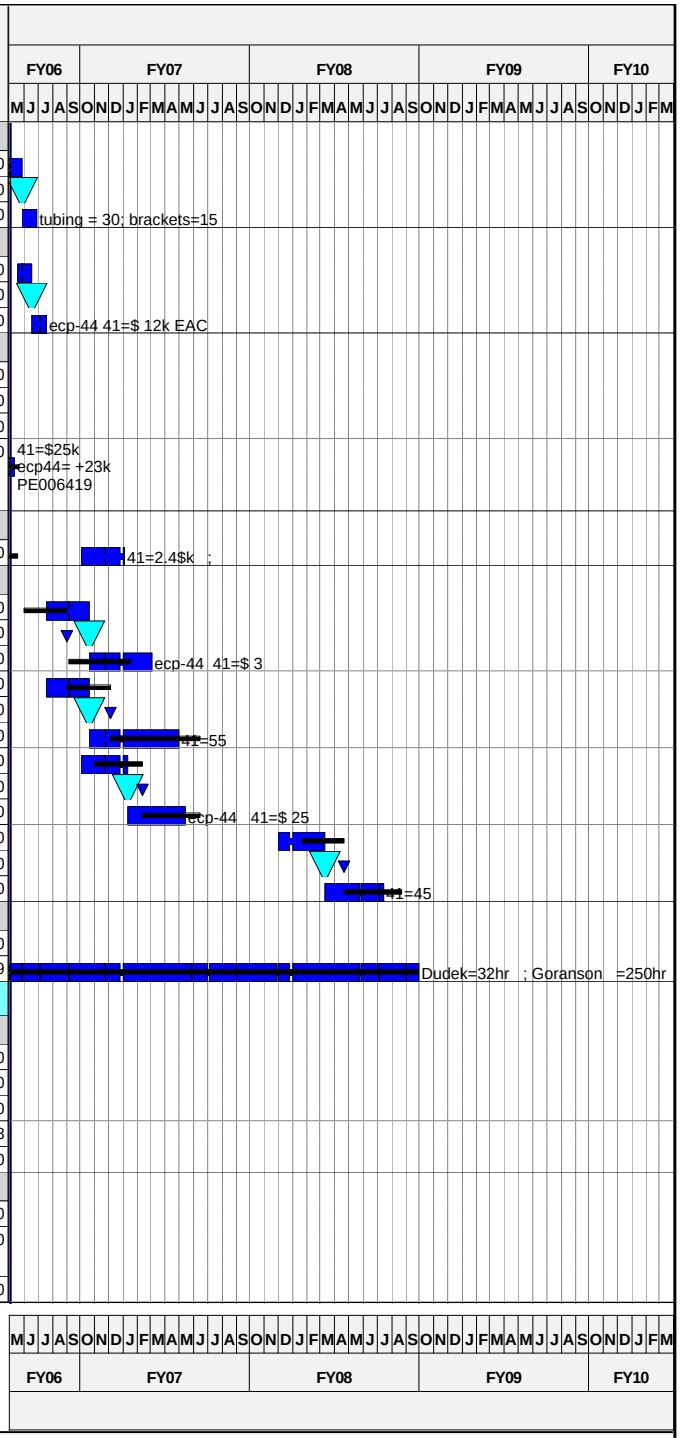
VV Heating/Cooling Tubing										
123-030		Issue RFQ & Select Vendor VV H/C Tubing WBS 123	01MAY06	20	26MAY06		340	0.00		0.00
123-036.9		Award H/C Tubing WBS 123		0	26MAY06		340	0.00		0.00
123-037		Fabricate and Deliver H/C Tubing WBS 123	30MAY06	20	26JUN06		340	0.00		61,695.00
VV Heater Tape										
122-012B		Issue RFQ &Select Vendor for Heater Tape	19MAY06	20	16JUN06		265	0.00		0.00
122-012C		Award Heater Tape		0	16JUN06		265	0.00		0.00
122-012D	EC45	Fabricate and Deliver Heater Tape	19JUN06	20	17JUL06		265	0.00		16,452.00
VV H/C Manifolds & Headers										
123-130.0		Issue Proc Pkg for VV H/C Manifolds WBS 123	03JAN06A	0				0.00		0.00
123-130		Issue RFQ &Select Vendor VV H/C Manifold WBS	04JAN06A	40	11JAN06A			0.00		0.00
123-136.9		Award H/C Manifolds WBS 123 (PE006419)		0	11JAN06A			0.00		0.00
123-137	EC45	Fabricate and Deliver H/C ManifoldsWBS 123	03APR06A	27*	09MAY06		373	40,503.45	50	65,808.00
VV Local I&C										
125-037		Procurement Local I&C WBS 125	02OCT06*	60	03JAN07		252	0.00		3,290.40
Thermal Insulation										
122-055		SPEA Blanket Thermal Insulation	19JUL06*	65	18OCT06		169	0.00		0.00
122-060		Award Blanket Thermal Insulation		0	18OCT06		169	0.00		0.00
122-065	EC45	Deliver Blanket Thermal Insulation	19OCT06	89	02MAR07		169	0.00		4,113.00
123-040		Issue RFQ & Select Vendor insul boots WBS 122	19JUL06*	65	18OCT06		272	0.00		0.00
123-045		Award Insulation Boots WBS 122		0	18OCT06		272	0.00		0.00
123-050		Fabricate& Deliver Insul Boots WBS 122	19OCT06	130	30APR07		272	0.00		75,405.00
122-035		SPEA Port Thermal Insulation	02OCT06*	65	10JAN07		261	0.00		0.00
122-041		Award Port Thermal Insulation		0	10JAN07		261	0.00		0.00
122-051	EC45	Deliver Port Thermal Insulation	11JAN07	89	15MAY07		261	0.00		34,275.00
122-030		SPEA Pourable Insulation	03DEC07*	65	11MAR08		149	0.00		0.00
122-036.9		Award Pourable Insulation		0	11MAR08		149	0.00		0.00
122-037		Deliver Pourable Insulation	12MAR08	89	16JUL08		149	0.00		63,225.00
1204-901.5	EC45	ECP45 FY06 cv	01OCT05A	43	31MAR06A			62,500.00	LOE	62,500.00
122-031	EC45	Title III engr WBS 12 non vvsa	01FEB06A	669*	30SEP08		250	4,353.26		46,311.29
Job: 1250 - Vacuum Vessel Fabrication-VIOLA										
Start Up/Engineering										
VVSA-001		Process Order	24SEP04A	256*	29JUL05A			0.00	100	0.00
VVSA-011		Sect 5.1 Segmentation Scheme	04NOV04A	5	19NOV04A			96,075.00	100	96,075.00
VVSA-021		Sect 5.1.2 Fiducials	29NOV04A	367*				0.00	98	0.00
VVSA-031		Sect 5.1.3 Proc Outline & Asc Procedures	24SEP04A	152	31MAY05A			121,675.78	100	121,675.78
VVSA-035		Trinos Flanges	03OCT05A	20	31OCT05A			39,000.00	100	39,000.00
Dies & Gages										
VVSA-041		Engineering	20SEP04A	91*	31JAN05A			0.00	100	0.00
VVSA-051		Procure Die Materials (4 sets)	10JAN05A	59*	13MAR05A			315,000.00	100	315,000.00
121-100		S005243 #1-Die Material Procured		0	31MAR05A			0.00	100	0.00



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Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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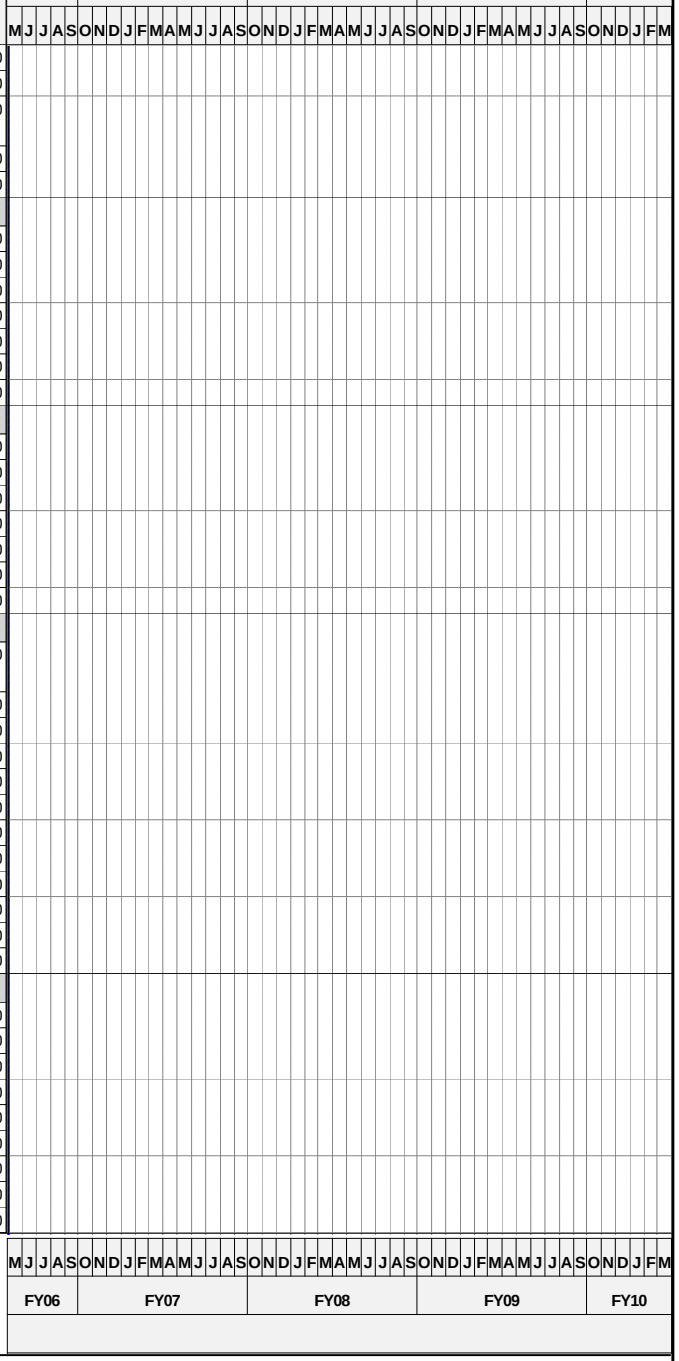
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
VVSA-061		Machine Complete	01FEB05A	64*	29APR05A			0.00	100	0.00
VVSA-071		Deburr	01FEB05A	64	31MAY05A			0.00	100	0.00
VVSA-081		Inspection	01FEB05A	65	31MAY05A			340,640.00	100	340,640.00
VVSA-091		Development Panels (9 panels)	31MAR05A	25	10JUN05A			0.00	100	0.00
121-115		S005243 #4-Dies Manufactured		0	10JUN05A			0.00	100	0.00
Fixture (2) 60 degree										
VVSA-101		Engineering	25OCT04A	109*	31MAR05A			0.00	100	0.00
VVSA-111		Procure Materials	07MAR05A	0*	30MAR05A			0.00	100	0.00
VVSA-121		Fab & Machine	14MAR05A	36	10JUN05A			0.00	100	0.00
VVSA-131		Assemble	28MAR05A	26	17JUN05A			0.00	100	0.00
VVSA-141		Deburr	06MAY05A	6	20JUN05A			0.00	100	0.00
VVSA-151		Inspection First	13MAY05A	9	23JUN05A			0.00	100	0.00
VVA-152		Inspection Second		0	23JUN05A			0.00	100	0.00
Fixture (3) 120 degree										
VVSA-161		Engineering	15APR05A	5	08JUN05A			0.00	100	0.00
VVSA-171		Procure Materials	08JUN05A	5	13JUN05A			220,000.00	100	220,000.00
121-110		S005243 #3-Fixture material procured		0	13JUN05A			0.00	100	0.00
VVSA-181		Fab & Machine	13JUN05A	82*	29JUL05A			0.00	100	0.00
VVSA-191		Assemble	22JUN05A	78*	29JUL05A			0.00	100	0.00
VVSA-201		Deburr	04JUL05A	75*	29JUL05A			0.00	100	0.00
VVSA-211		Inspection -	30JUN05A	48*	29JUL05A			0.00	100	0.00
Panels & Ports										
VVSA-221		Procure Vessel Material	29OCT04A	127	31MAY05A			471,490.00	100	471,490.00
121-105		S005243 #2-Vessel material procured		0	31MAY05A			0.00	100	0.00
VVSA-231		Production Panels Period #1 LOT 4	22APR05A	94*	12AUG05A			260,000.00	100	260,000.00
121-120		S005243 #5-1/3 of Vessel plates formed		0	23AUG05A			0.00	100	0.00
VVSA-241		Production Panels Period #2 LOT 5	28JUN05A	69*	12SEP05A			240,000.00	100	240,000.00
121-125		S005243 #6-Second 1/3 of vsl plates formed		0	12SEP05A			0.00	100	0.00
VVSA-251		Production Panels Period #3 LOT 6	28JUN05A	69*	16SEP05A			240,000.00	100	240,000.00
121-130		S005243 #7-Last 1/3 of vsl plates formed		0	16SEP05A			0.00	100	0.00
VVSA-261		Port Ext, Misc HW Period #1 LOT 7	04APR05A	195*	09DEC05A			0.00	100	0.00
VVSA-271		Port Ext, Misc HW Period #2 LOT 8	04APR05A	237*	12DEC05A			0.00	100	0.00
VVSA-281		Port Ext, Misc HW Period #3 LOT 9	04APR05A	237*	23JAN06A			0.00	100	0.00
VVSA-291		Spacer & port Ext Fixture LOT 13	06JUN05A	192*	27JAN06A			0.00	100	0.00
First 120 deg segment										
VVSA-301		1st 60 deg segment	10JUN05A	59*	12AUG05A			175,000.00	100	175,000.00
VVSA-311		2nd 60 deg segment	23JUN05A	50*	15AUG05A			175,000.00	100	175,000.00
VVSA-321		Join two pieces	15AUG05A	35	08SEP05A			50,000.00	100	50,000.00
121-135		S005243 #8-One VVSA fabricated		0	08SEP05A			0.00	100	0.00
VVSA-331		Machine for Ports	08SEP05A	0*	23SEP05A			95,000.00	100	95,000.00
VVSA-341		Weld Ports	03OCT05A	87*	17JAN06A			75,000.00	100	75,000.00
VVSA-361		Vacuum Test	17JAN06A	31*	17FEB06A			60,000.00	100	60,000.00
VVSA-371		Cut Off Ports	17FEB06A	11	06MAR06A			50,000.00	100	50,000.00
VVSA-351		Final Machine	07MAR06A	0*	24MAR06A			50,000.00	100	50,000.00



Run Date **08JUN06 12:31**

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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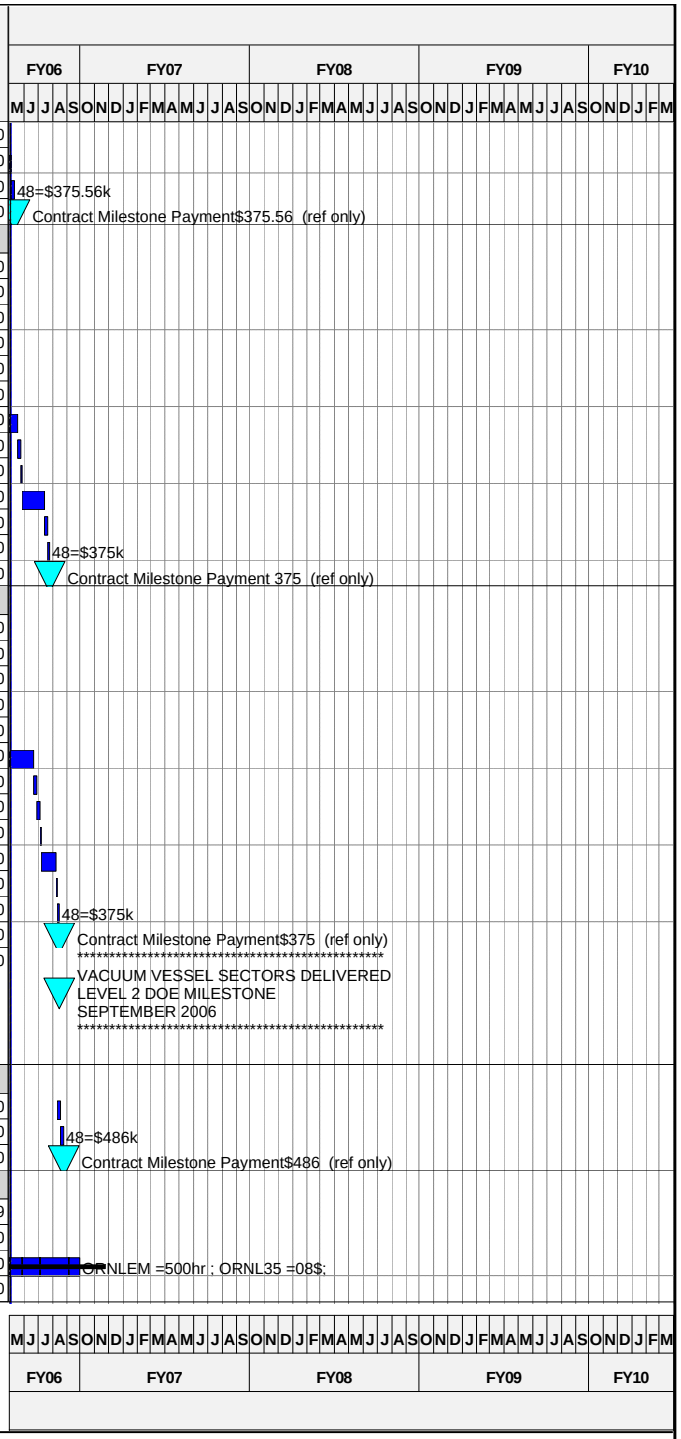
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
VVSA-352		Tack on ports,weld on tube&block	27MAR06A	25*	28APR06A			0.00	100	0.00
VVSA-381		Inspect & Pack for Shipping LI#4	28APR06A	4	04MAY06		264	21,850.00	95	23,000.00
VVSA-391		Receive at PPPL	05MAY06	3*	09MAY06		264	0.00		22,560.00
121-150		S005243 #11-Receipt/Acceptance of 1st VVSA		0	09MAY06*		264	0.00		0.00
Second 120 deg segment										
VVSA-401		60 deg segment	12AUG05A	36*	09SEP05A			175,000.00	100	175,000.00
VVSA-411		60 deg segment	26AUG05A	47*	07OCT05A			175,000.00	100	175,000.00
VVSA-421		Join two pieces	07OCT05A	51*	16NOV05A			55,000.00	100	55,000.00
121-140		S005243 #9-Second VVSA fabricated		0	16NOV05A			0.00	100	0.00
VVSA-431		Machine for Ports	04JAN06A	0*	19JAN06A			95,000.00	100	95,000.00
VVSA-441		Weld Ports	20JAN06A	51*	23FEB06A			75,000.00	100	75,000.00
VVSA-461		Vacuum Test	01MAY06*	13*	17MAY06		329	0.00		60,000.00
VVSA-471		Cut Off Ports	18MAY06*	4	23MAY06		329	0.00		50,000.00
VVSA-451		Final Machine	24MAY06*	4	29MAY06		329	0.00		50,000.00
VVSA-452		Tack on ports,weld on tube&block	30MAY06	34	14JUL06		329	0.00		0.00
VVSA-481		Inspect & pack for Shipping LI#4	17JUL06	5	21JUL06		329	0.00		23,000.00
VVSA-491		Receive at PPPL	24JUL06	2	25JUL06		329	0.00		22,000.00
121-155		S005243 #12-Receipt /Acceptance of 2nd VVSA		0	25JUL06*		329	0.00		0.00
Third 120 deg segment										
VVSA-501		60 deg segment	30SEP05A	88*	23JAN06A			165,000.00	100	165,000.00
VVSA-511		60 deg segment	01DEC05A	44*	31JAN06A			165,000.00	100	165,000.00
VVSA-521		Join two pieces	23JAN06A	27	10FEB06A			45,000.00	100	45,000.00
121-145		S005243 #10-Third VVSA fabricated		0	10FEB06A			0.00	100	0.00
VVSA-531		Machine for Ports	16MAR06A	32*	12APR06A			95,000.00	100	95,000.00
VVSA-541		Weld Ports	24APR06A	41*	19JUN06		355	9,150.00	12	75,000.00
VVSA-561		Vacuum Test	20JUN06	7	28JUN06		355	0.00		60,000.00
VVSA-571		Cut Off Ports	29JUN06	3	03JUL06		355	0.00		50,000.00
VVSA-551		Final Machine	04JUL06	4	07JUL06		355	0.00		50,000.00
VVSA-552		Tack on ports,weld on tube&block	10JUL06	21	07AUG06		355	0.00		0.00
VVSA-581		5Inspect & Pack for Shipping LI#4	08AUG06	4	11AUG06		355	0.00		23,000.00
VVSA-591		Receive at PPPL	14AUG06	2	15AUG06		355	0.00		22,000.00
121-160		S005243 #13-Receipt/Acceptance of 3rd VVSA		0	15AUG06		355	0.00		0.00
121-038.1		All Vacuum Vessel Sections (3) Delivered		0	15AUG06		355	0.00		0.00
Ship Tooling										
VVSA-601		Pack Tooling for PPPL	14AUG06	5	18AUG06		800	0.00		0.00
VVSA-611		PPPL Receive Tooling	21AUG06	4	24AUG06		800	0.00		486,000.00
121-165		S005243 #14-Delivery of tooling,dies,fixtures		0	24AUG06*		800	0.00		0.00
121-031		VVSA Title III engr	21MAY04A	631	28FEB05A			27,753.79	LOE	27,753.79
121-034		VVSA Title III engr	01MAR05A	152*	30SEP05A			20,460.00	LOE	20,460.00
121-034.1		VVSA Title III engr	01OCT05A	249*	29SEP06		749	52,717.02	LOE	92,486.00
121-032		VVSA Contract oversight FY04	21MAY04A	386*	30SEP04A			20,052.50	LOE	20,052.50



Run Date **08JUN06 12:31**

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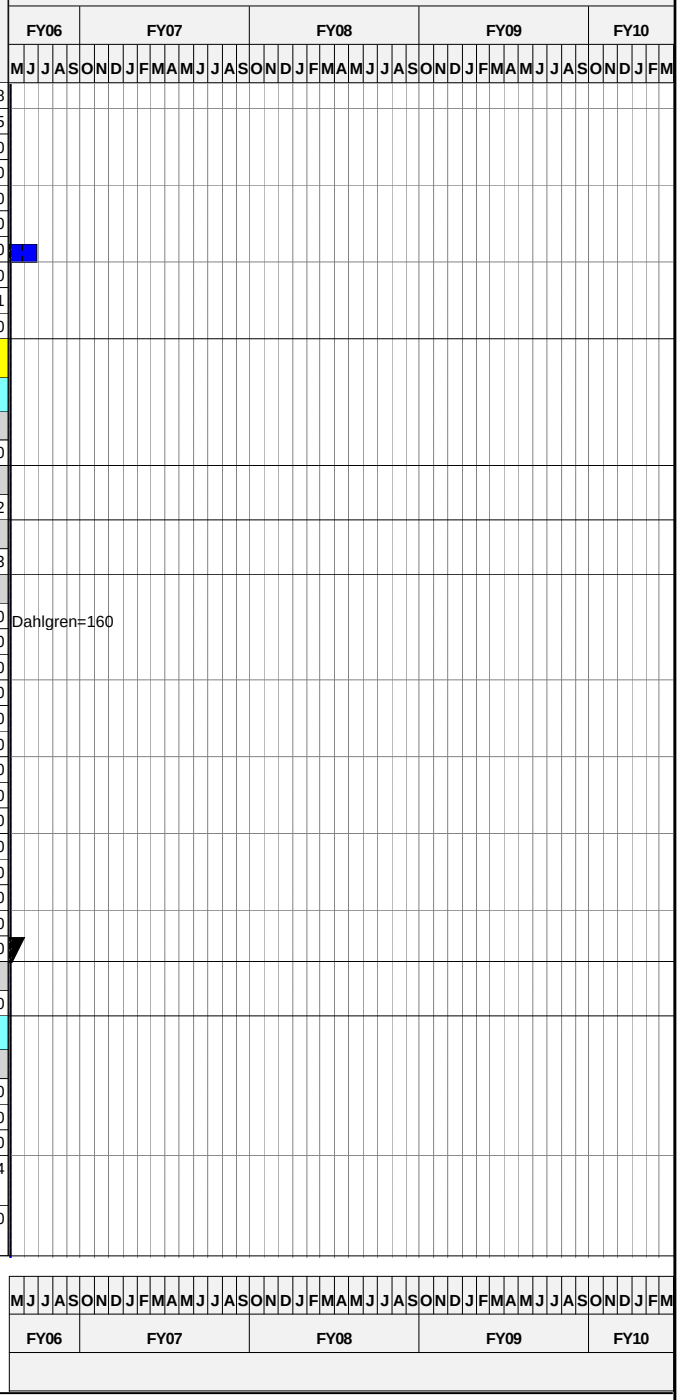
Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
121-033		VVSA Contract oversight FY05	01OCT04A	*290**	28FEB05A			75,267.38	LOE	75,267.38
121-035		VVSA Contract oversight FY05 & FY06	01MAR05A	*365**	31JAN06A			255,723.95	LOE	255,723.95
121-035.1		ORNL fesign support during MTM Contract	01MAR05A	*152**	30SEP05A			17,360.00	LOE	17,360.00
121-035.2		ORNL design support during MTM Contract	01OCT05A	*213**	31JAN06A			22,118.90	LOE	22,118.90
121-036		Ship vac equipt from PPPL to MTM for vac testing	03OCT05A	*15*	31OCT05A			2,742.00	100	2,742.00
121-037		Purchase seals and ship to MTM	25APR05A	*70**	29JUL05A			42,447.20	100	42,447.20
121-038	EC4X	assist MTM testing of VVSA	17JAN06A	*116**	28JUN06		***346***	8,313.40		13,030.40
121-039		Design Seal Template	01MAR05A	*20*	31MAR05A			2,480.00	100	2,480.00
121-141		Fabricate Seal Template and ship to MTM	01MAR05A	*65*	31MAR05A			4,240.11	100	4,240.11
FY05CV-4		FY05 unrecoverable cost variance	01OCT04A	*251*	30SEP05A			-49,000.00	100	-49,000.00
13 - Conventional Coils										
Job: 1301 - TF Design-KALISH										
+ Preliminary Design										
			01OCT03A	*355*	28FEB05A			471,974.00	100	471,974.00
+ Final Design										
			01FEB05A	*172*	30SEP05A			164,053.52	100	164,053.52
+ Prior Costs										
			01APR03A	*636*	30SEP05A			283,695.13	100	283,695.13
Subcontract Procurement Plan										
1301FD-05		Anaylsis Check	01MAR05A	*295**	01MAY06		***855***	25,767.14	95	27,123.30
1301R-37		Prepare Coil Spec	01MAR05A	*231**	09JAN06A			0.00	85	0.00
131-300		Write Statement of work	10JAN06A	*5*	16JAN06A			0.00		0.00
131-305		Approve Specficiation	10JAN06A	*5*	16JAN06A			0.00		0.00
131-310		Approve statement of work	16JAN06A	*5*	23JAN06A			0.00		0.00
131-315		Vendor Info Meeting		*0*	10JAN06A			0.00		0.00
131-320		Source Selection Plan	05JAN06A	*5*	11JAN06A			0.00		0.00
131-325		Disposition of chits	12JAN06A	*7*	20JAN06A			0.00		0.00
131-330		Update Assembly Drawings	12JAN06A	*5*	18JAN06A			0.00		0.00
131-335		Assembly Drawings Approval	19JAN06A	*2*	20JAN06A			0.00		0.00
131-345		Complete Procurement Package		*0*	23JAN06A			0.00		0.00
131-350		Issue RFP		*0*	07FEB06A			0.00		0.00
131-355		Proposals due		*0*	10MAR06A			0.00		0.00
131-380		Contract Award		*0*	28APR06A			0.00		0.00
13ECP44-01	EC45	ECP45 FY06 cv	03OCT05A	*2*	31MAR06A			18,930.00		18,930.00
Job: 1350 TF Coil Fab Preparation-CHRZANOWSKI										
FY05CV-7		FY05 unrecoverable cost variance	01OCT04A	*251*	30SEP05A			135,000.00		135,000.00
1350-100		Design tooling & winding facility	01MAR05A	*152**	31AUG05A			96,961.10	100	96,961.10
1350-500		Recondition turnkng fixture	21MAR05A	*88**	30JUN05A			33,232.20	100	33,232.20
1350-600		Build Cleanroom	28MAR05A	*174**	30NOV05A			45,265.84	100	45,265.84
1350-605		Install winding table	01JUN05A	*50**	30JUN05A			24,655.80	100	24,655.80



Run Date **08JUN06 12:31**

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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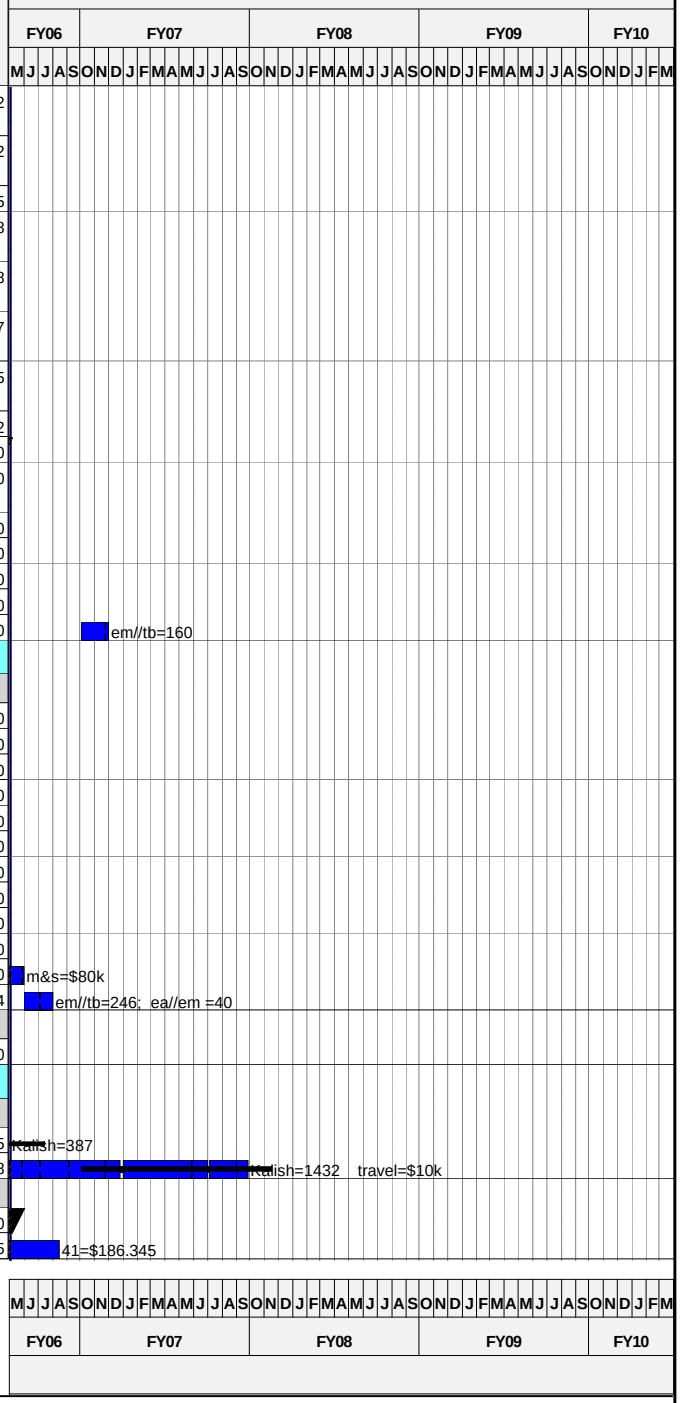
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
1350-610		Setup copper delivery system	03OCT05A	*15*	31OCT05A			11,240.32	100	11,240.32
1350-615		Install taping machine	01OCT05A	*15*	31OCT05A			11,240.32	100	11,240.32
1350-100.1		Design tooling & winding facility*CANCELLED*	03OCT05A	*88**	31MAR06A			46,614.85	100	46,614.85
1350-505		Winding Clamps	02MAY05A	*174**	23DEC05A			21,766.78	100	21,766.78
1350-510		Taping Machine Conditioning*CANCELLED*	01DEC05A	*6*	31MAR06A			24,976.48	100	24,976.48
1350-515		Winding mandrel*CANCELLED*	01JUL05A	*131**	31MAR06A			10,128.37	100	10,128.37
1350-520		Misc tools & equipt*CANCELLED*	08SEP05A	*103**	31MAR06A			32,417.45	100	32,417.45
1351-089		Fixtures	03OCT05A	*163**	31MAR06A			8,795.52	100	8,795.52
1350-620		Complete setup of facility *CANCELLED*		*0*	31MAR06A			0.00		0.00
1350-525		TF mold (2) *CANCELLED*	31MAR06A	*44*	31MAR06A			0.00		0.00
1351-080		Design Assy Fixture*CANCELLED*	31MAR06A	*20*	31MAR06A			0.00		0.00
1351-086		Fab/Assemble Fixture*CANCELLED*	31MAR06A	*19*	31MAR06A			0.00		0.00
1351-088		Setup Wedge Casting Fixture & test*CANCELLED*	31MAR06A	*5*	31MAR06A			0.00		0.00
13ECP44-04	EC45	ECP45 FY06 cv	03OCT05A	*2*	31MAR06A			44,720.00		44,720.00
1351-090	EC45	PPPL Fab TF Coil Lift Beam (M1098)	02OCT06*	*43*	01DEC06		***706***	0.00	100	13,315.20
Job: 1351 - TF Coil Fabr Supplies-KALISH										
TF Materials & Supplies										
FY05CV-8		FY05 unrecoverable cost variance	01OCT04A	*251*	30SEP05A			14,000.00		14,000.00
1301FD-72		TF Conductor Procurement Package approved	31MAY05A	*5*	31MAY05A			0.00	100	0.00
1301FD-74		Prepare & issue TF Conductor RFP	31MAY05A	*23**	03JUN05A			0.00	100	0.00
1301FD-76		Evaluate bids and award TF conductor	06JUN05A	*0**	30JUN05A			0.00	100	0.00
1301FD-77		Award TF conductor		*0*	30JUN05A			0.00	100	0.00
1301FD-78		TF Wedge Plate procurement package approved	29JUL05A	*5*	29JUL05A			0.00	100	0.00
1301FD-80		Prepare and Issue TF Wedge Plate RFP	12AUG05A	*5*	18AUG05A			0.00	100	0.00
1351-529		Coil Supplies- Deliver Copper Conductor(PE005935	01JUL05A	*123**	23DEC05A			133,864.50	100	133,864.50
1351-531		Coil Supplies- G-11 fillers (PE006162)	03JAN06A	*29**	31JAN06A			89,115.00	100	89,115.00
1351-533		Lead spur material	03SEP05A	*206**	31MAR06A			32,025.00	100	32,025.00
1351-525	EC45	Coil Supplies- Insulation (PE6299)	03JAN06A	*106**	31MAY06		***834***	102,002.40	93	109,680.00
1351-534	EC45	PPPL Fabricate Lead Spurs (M1319)	01JUN06*	*42**	31JUL06		***792***	0.00		26,996.64
13ECP44-05	EC45	ECP45 FY06 cv	03OCT05A	*2*	31MAR06A			63,960.00		63,960.00
Job: 1361 - TF Fabrication-KALISH										
TF Title III and Fabrication Oversight										
131-031	EC45	Title III engr (FDR through 1st coil test 75%)	10OCT05A	*182**	28APR06A			50,809.85	LOE	50,809.85
131-032	EC45	Title III engr (completion of coils 10%)	01MAY06A	*354**	26SEP07		***502***	41,871.65		269,379.38
TF Fabrication Contract										
1361C-001	EC45	Contract Awarded	28APR06A	*0*				0.00		0.00
1361C-005	EC45	Tooling	01MAY06	*77**	15AUG06		***807***	0.00		255,485.85



Run Date **08JUN06 12:31**

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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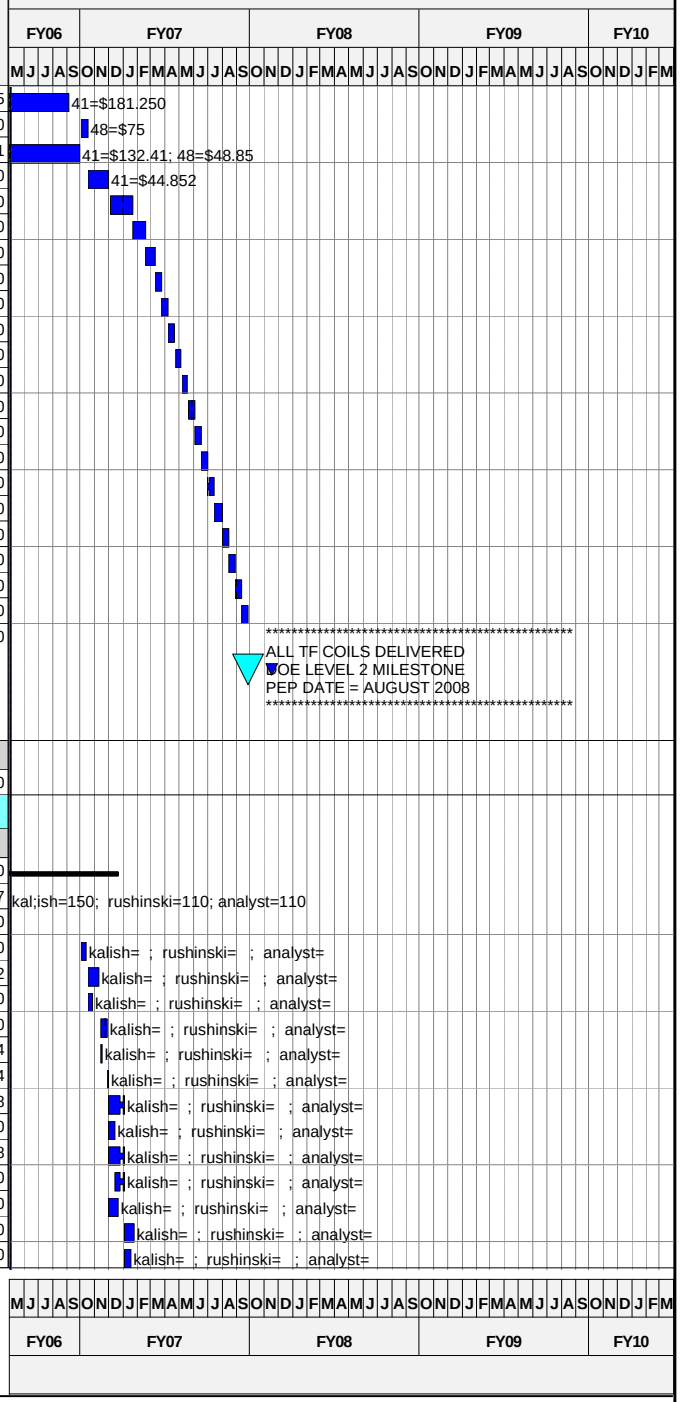
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
1361C-007	EC45	Wedge Material (1)	01MAY06	93*	06SEP06		791	0.00		248,493.75
1361C-009	EC45	Tooling (Climax)	02OCT06*	11*	16OCT06		763	0.00		75,000.00
1361C-010	EC45	Wedge Material (2)	01MAY06	110*	29SEP06		275	0.00		230,384.11
1361C-101	EC45	Fab, Test & Deliver Coil #1	17OCT06*	34	01DEC06		264	0.00		47,210.00
1361C-102	EC45	Fab, Test & Deliver Coil #2	04DEC06*	34	19JAN07		264	0.00		47,210.00
1361C-103	EC45	Fab, Test & Deliver Coil #3	22JAN07*	20	16FEB07		264	0.00		47,210.00
1361C-104	EC45	Fab, Test & Deliver Coil #4	19FEB07*	15	09MAR07		264	0.00		47,210.00
1361C-105	EC45	Fab, Test & Deliver Coil #5	12MAR07*	10	23MAR07		264	0.00		47,210.00
1361C-106	EC45	Fab, Test & Deliver Coil #6	26MAR07*	10	06APR07		264	0.00		47,210.00
1361C-107	EC45	Fab, Test & Deliver Coil #7	09APR07*	10	20APR07		264	0.00		47,210.00
1361C-108	EC45	Fab, Test & Deliver Coil #8	23APR07*	10	04MAY07		264	0.00		47,210.00
1361C-109	EC45	Fab, Test & Deliver Coil #9	07MAY07*	10	18MAY07		264	0.00		47,210.00
1361C-110	EC45	Fab, Test & Deliver Coil #10	21MAY07*	10	04JUN07		264	0.00		47,210.00
1361C-111	EC45	Fab, Test & Deliver Coil #11	05JUN07*	10	18JUN07		264	0.00		47,210.00
1361C-112	EC45	Fab, Test & Deliver Coil #12	19JUN07*	10	02JUL07		264	0.00		47,210.00
1361C-113	EC45	Fab, Test & Deliver Coil #13	03JUL07*	10	17JUL07		264	0.00		47,210.00
1361C-114	EC45	Fab, Test & Deliver Coil #14	18JUL07*	10	31JUL07		264	0.00		47,210.00
1361C-115	EC45	Fab, Test & Deliver Coil #15	01AUG07*	10	14AUG07		264	0.00		47,220.00
1361C-116	EC45	Fab, Test & Deliver Coil #16	15AUG07*	10	28AUG07		264	0.00		47,220.00
1361C-117	EC45	Fab, Test & Deliver Coil #17	29AUG07*	10	12SEP07		264	0.00		47,220.00
1361C-118	EC45	Fab, Test & Deliver Coil #18	13SEP07*	10	26SEP07		264	0.00		47,220.00
1351-195X	EC45	ALL TF COILS DELIVERED		0	26SEP07		264	0.00		0.00
13ECP44-06	EC45	ECP45 FY06 cv	03OCT05A	2	31MAR06A			37,220.00		37,220.00
Job: 1302 - PF Design -KALISH										
1302-PF		Start PF Preliminary Design**ON HOLD UNTIL FY06*	01MAR05A	145	30SEP05A			7,601.50	100	7,601.50
1302-PFX		Start Preliminary Design	01FEB06A	64*	28APR06A			13,524.47	100	13,524.47
13ECP44-02	EC45	ECP45 FY06 cv	03OCT05A	2	31MAR06A			-6,900.00		-6,900.00
1302-200	EC45	Complete PF Coil SRD	02OCT06*	10	13OCT06		287	0.00		1,778.60
1302-205	EC45	Update PF Analysis	16OCT06	20	10NOV06		287	0.00		14,584.52
1302-210	EC45	PF Coil ICD	16OCT06	10	27OCT06		307	0.00		1,778.60
1302-215	EC45	Complete PDR PF Dwgs	13NOV06	10	28NOV06		287	0.00		8,893.00
1302-220	EC45	Prepare for PDR	13NOV06	5	17NOV06		292	0.00		11,383.04
1302-225	EC45	PDR	29NOV06	1	29NOV06		287	0.00		4,268.64
1302-230	EC45	Prepare PF Procurement Coil Spec	30NOV06	20	04JAN07		287	0.00		5,869.38
1302-235	EC45	Detail Drawings PF4	30NOV06	10	13DEC06		292	0.00		7,114.40
1302-240	EC45	Disposition PDR Chits	30NOV06	20	04JAN07		302	0.00		5,869.38
1302-245	EC45	Detail Drawings PF5	14DEC06	10	04JAN07		292	0.00		7,114.40
1302-250	EC45	PF Stress analysis with leads	30NOV06	15	20DEC06		307	0.00		16,896.70
1302-255	EC45	Review PF Coil Procurement Spec	05JAN07	15	25JAN07		287	0.00		3,557.20
1302-260	EC45	Detail Drawings PF6	05JAN07	10	18JAN07		292	0.00		7,114.40



Run Date **08JUN06 12:31**

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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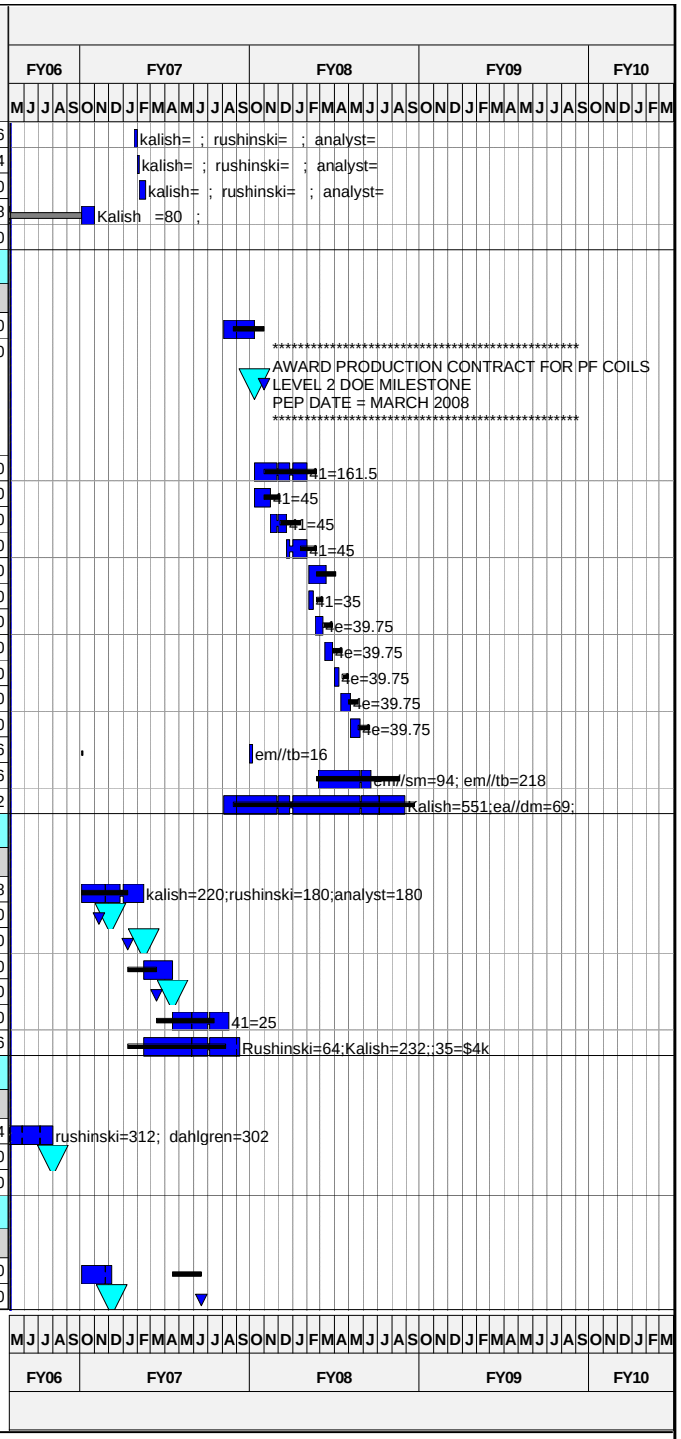
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
1302-265	EC45	Prepare for FDR	26JAN07	5	01FEB07		287	0.00		11,738.76
1302-270	EC45	PF FDR	02FEB07	1	02FEB07		287	0.00		4,268.64
1302-275	EC45	Resolve Chits	05FEB07	10	16FEB07		287	0.00		13,339.50
133-010	EC45	Design WBS 134 Conv Coil I&C**ON HOLD UNTIL	01MAR05A	316*	31OCT06		443	1,360.82	10	13,608.18
FY05CV-6		FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			-22,000.00	100	-22,000.00
Job: 1352 - PF Coil Procurement-KALISH										
PF Coil Fabrication										
141-035		Bid & Award PF Coils	06AUG07*	45	08OCT07		169	0.00		0.00
141-036		PF Coils Awarded		0	08OCT07		169	0.00		0.00
1352-100		Material & leads	09OCT07	75	01FEB08		169	0.00		227,610.00
1352-110		Tooling for PF 4	09OCT07*	25	12NOV07		204	0.00		56,200.00
1352-115		Tooling for PF 5	13NOV07	25	19DEC07		204	0.00		56,200.00
1352-120		Tooling for PF 6	20DEC07	25	01FEB08		241	0.00		56,200.00
1352-105		Tooling for PF 1,2 and 3 NOT REQ"D USE PF1a	04FEB08	30	14MAR08		389	0.00		0.00
1352-140		Fabricate/Dlvr PF 4 lower	04FEB08	10	15FEB08		169	0.00		42,150.00
1352-145		Fabricate/Dlvr PF 5 lower	18FEB08	15	07MAR08		169	0.00		42,150.00
1352-150		Fabricate/Dlvr PF 6 lower	10MAR08	15	28MAR08		169	0.00		42,150.00
1352-155		Fabricate/Dlvr PF 4 upper	31MAR08	10	11APR08		191	0.00		42,150.00
1352-160		Fabricate/Dlvr PF 5 upper	14APR08	15	02MAY08		191	0.00		42,150.00
1352-165		Fabricate/Dlvr PF 6 upper	05MAY08	15	23MAY08		191	0.00		42,150.00
1352-135X		Refurbish NSTX PF1a	01OCT07*	5	05OCT07		338	0.00		1,367.36
722.010		PF Coil receipt inspect/test (formerly wbs 183)	25FEB08*	83	19JUN08		321	0.00		31,275.16
141-031		Title III engr WBS 132	06AUG07*	268	29AUG08		271	0.00		112,810.82
Job: 1354 - Trim Coil Design &Procurement-KALISH										
Trim Coils										
1303-TRIM		Trim Coil Design	02OCT06*	88	12FEB07		208	0.00		42,330.68
1303-136		Trim Coil PDR		0	04DEC06		217	0.00		0.00
1303-137		Trim Coil FDR		0	12FEB07		208	0.00		0.00
184-035		Bid & Award Ext Trim Coils	13FEB07	45	16APR07		208	0.00		0.00
184-036		Award External Trim Coils		0	16APR07		208	0.00		0.00
184-037		External Trim Coil Procurement/Fab*ecp16	17APR07	87	17AUG07		208	0.00		34,275.00
184-015		Title III WBS 133 Rxt Trim Coils	13FEB07	147	10SEP07		514	0.00		26,834.06
Job: 1303 -Centrol Solenoid Support Dsn-DAHLGREN										
1303-110	EC45	CS Support Design	03JAN06A	148*	31JUL06		160	86,093.55		106,872.84
1303-115	EC45	CS Support FDR		0	31JUL06		160	0.00		0.00
13ECP44-03	EC45	ECP45 FY06 cv	03OCT05A	2	31MAR06A			10,010.00		10,010.00
Job: 1353 - CS Structure Procurement-DAHLGREN										
CS Support Structure										
163-035		Bid & Award CS Support Struct	02OCT06*	45	05DEC06		298	0.00		0.00
163-036.9		Award CS Support Structure		0	05DEC06		298	0.00		0.00



Run Date **08JUN06 12:31**

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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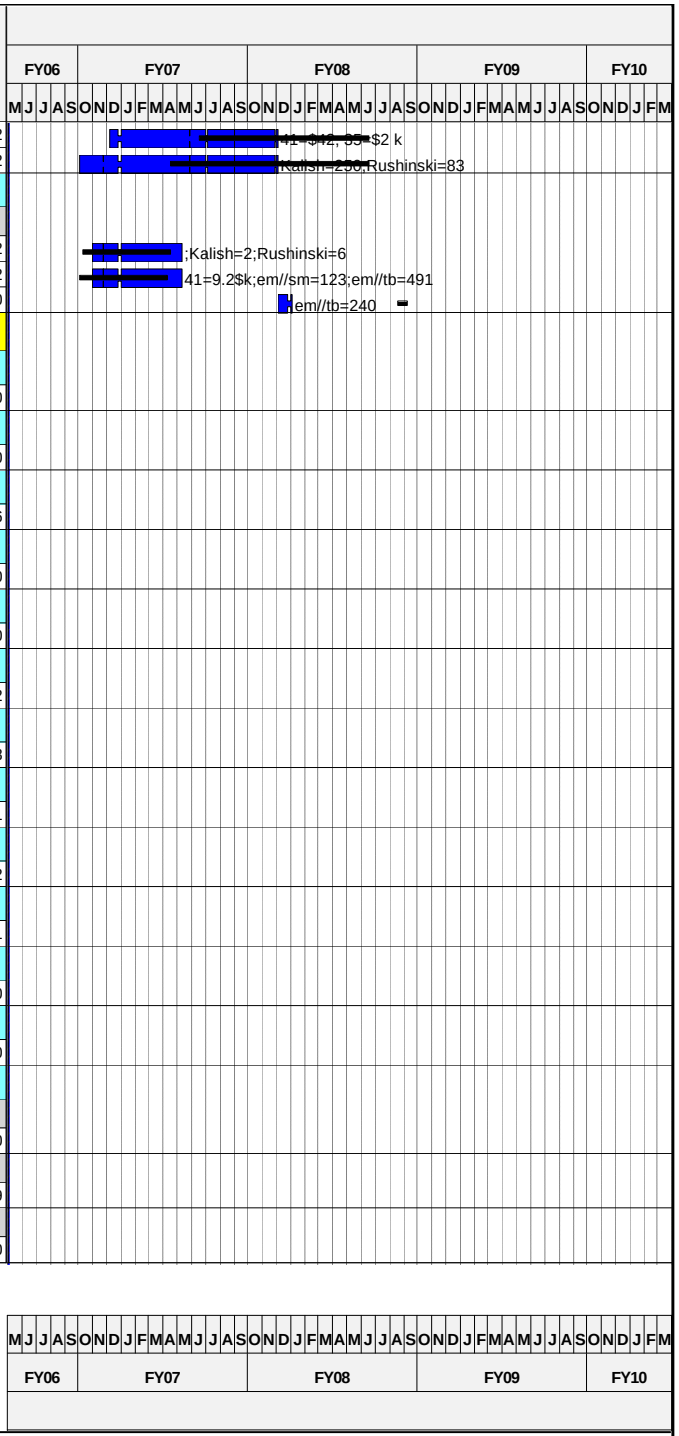
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
163-037	EC45	CS Support Structure Procurement/Fab	06DEC06*	*249*	04DEC07		***298***	0.00		61,390.02
163-015		Title III design CS sprt struc	02OCT06	*294*	04DEC07		***455***	0.00		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	01NOV06*	*130*	11MAY07		***597***	0.00		1,141.72
133-037		Conv Coil I&C WBS 134 Proc & Install	01NOV06*	*130*	11MAY07		***443***	0.00		69,587.22
1355-100		CS and PF 1a Pre-Assy incl coil I&C procurement	05DEC07	*15*	03JAN08		***298***	0.00		20,510.40
14 - Modular Coils										
+ Job: 1401 - Mod Coil Prel.DsnCLOSED****										
			01APR03A	*636*	30SEP05A			304,040.00	100	304,040.00
+ Job: 1402 - Mod.Coil AnalysesCLOSED****										
			01APR03A	*636*	30SEP05A			239,140.00	100	239,140.00
+ Job:1404-MCWF R&D & 1st Prod CastingCLOSED****										
			01APR03A	*636*	30SEP05A			2,543,518.06	100	2,543,518.06
+ Job: 1413 -MCWF Fracture Analysis-CLOSED****										
			01OCT04A	*372*	30MAR06A			27,819.40	100	27,819.40
+ Job: 1405-Mod Coil Winding R&D Prep-CLOSED****										
			01APR03A	*636*	30SEP05A			168,070.00	100	168,070.00
+ Job: 1407 -Mod Coil Winding Facility-CLOSED****										
			01APR03A	*757*	30MAR06A			2,571,373.12	100	2,571,373.12
+ Job: 1412 - Complete Winding Facilities-*CLOSED*										
			01OCT04A	*372*	30MAR06A			540,996.88	100	540,996.88
+ Job: 1406 - Mod. Coil Winding R&D-CLOSED****										
			01APR03A	*757*	30MAR06A			2,263,568.41	100	2,263,568.41
+ Job: 1410 MC Twisted Racetrack Fabr-CLOSED****										
			01OCT04A	*372*	30MAR06A			1,049,971.32	100	1,049,971.32
+ Job: 1409 - Coil Test Stand-GETTELFINGER*CLOSED*										
			20OCT03A	*494*	30SEP05A			915,941.31	100	915,941.31
+ Job: 1415 Dim Cntrl Testing-RAFTOPOLOUS*CLOSED**										
			01OCT04A	*251*	30SEP05A			23,850.00	100	23,850.00
+ Job: 1419-Winding Fac. Mods-CHRZANOWSKI*CLOSED*										
			01OCT04A	*372*	30MAR06A			55,210.00	100	55,210.00
Job: 1403 - Modular Coil Final Design-WILLIAMSON										
+ PDR/PBR Prep										
			01OCT03A	*61*	24DEC03A			18,016.60	100	18,016.60
+ Requirements/Config and Interfaces										
			15OCT03A	*160*	28MAY04A			46,457.09	100	46,457.09
+ Analysis - Thermal & Electrical										
			15OCT03A	*152*	18MAY04A			39,639.40	100	39,639.40



Run Date 08JUN06 12:31

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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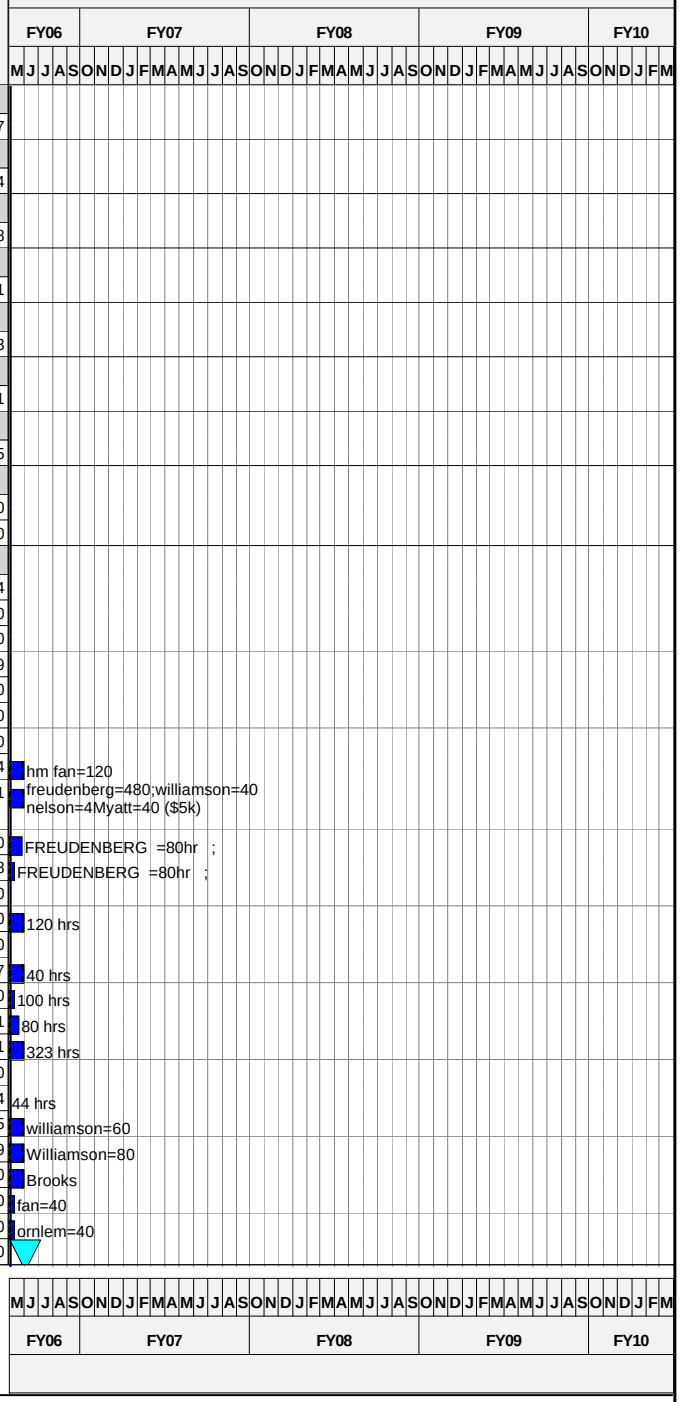
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
+ Analysis - Structural										
			15OCT03A	*152*	18MAY04A			367,160.37	100	367,160.37
+ Winding Form FDR Prep										
			15OCT03A	*236*	16SEP04A			383,223.24	100	383,223.24
+ MCWF Procurement										
			01JUN04A	*86*	30SEP04A			45,223.48	100	45,223.48
+ Coil-to-coil Interface Design										
			15OCT03A	*246*	30SEP04A			91,408.51	100	91,408.51
+ MCWF & Winding Analysis/Testing										
			02FEB04A	*400*	31AUG05A			656,902.73	100	656,902.73
+ Winding and Assembly Design-Type C										
			01JAN04A	*442*	30SEP05A			267,656.11	100	267,656.11
+ Twisted Racetrack Design (Williamson)										
			01OCT03A	*455*	29JUL05A			376,539.25	100	376,539.25
Prior Costs										
1403-ECPRB		Rebaselining YTD adjustment for ytd cv	01OCT04A	*108**	28FEB05A			154,400.00	100	154,400.00
FY05CV-11		FY05 unrecoverable cost variance	01OCT04A	*251*	30SEP05A			410,000.00	100	410,000.00
Type C Design Closeout										
1403-203C		Finish Clamp Dwgs (5)-Type C	01MAR05A	*193**	30NOV05A			15,791.04	100	15,791.04
1403-506		Chill plate dwgs approved for fabrication		*0**	30NOV05A			0.00	100	0.00
1403-510		Clamp and assy dwgs approved for fabrication	30NOV05A	*0**	30NOV05A			0.00	100	0.00
1403-59		Type-C product specifications	02MAY05A	*160**	30NOV05A			6,350.79	100	6,350.79
1403-70.05		Update MIT/QA Plans for Type C Winding Fab	01SEP05A	*42**	31OCT05A			6,474.00	100	6,474.00
1403-X1		Winding form revisions (unplanned)	03OCT05A	*0*	31OCT05A			0.00		0.00
1403-X2		Terminal Changes (unplanned)	03OCT05A	*0*	31OCT05A			0.00		0.00
1403-90		Compile Material properties database	01OCT04A	*414**	30MAY06		***835***	18,221.62	90	20,246.24
1403-40.2Z		Update nonlinear winding pack analysis	01AUG04A	*457**	30MAY06		***835***	86,626.46	90	96,251.61
1403-73		Prep struct analysis report	01MAY05A	*270**	26MAY06		***836***	10,446.08	80	13,057.60
1403-76		Structural analysis of leads	01OCT04A	*403**	12MAY06		***846***	10,250.70	80	12,813.38
1403-200			01JAN04A	*584*	31MAR06A			0.00		0.00
1403-224C		Finish VPI mold assembly-Type C	01MAR05A	*315**	30MAY06		***835***	17,505.63	90	19,450.70
1403-206.1			25APR05A	*236**	31MAR06A			0.00		0.00
1403-206C		Finish Cooling, Electr Schematic Dwgs - Type C	01MAR05A	*315**	30MAY06		***835***	5,835.21	90	6,483.57
1403-58C		Check and promote clamp, I&C assy dwgs -Type C	01JUN05A	*239**	12MAY06		***846***	14,734.17	90	16,371.30
1403-60C		Finish Update design basis document	02MAY05A	*266**	22MAY06		***840***	7,830.61	60	13,051.01
1403-223C		Finish Top level coil assembly-Type C	01MAR05A	*315**	30MAY06		***835***	47,119.33	90	52,354.81
1403-208C			01MAR05A	*274**	31MAR06A			0.00	90	0.00
1403-20.2		Resolve FDR chits	01AUG05A	*187**	28APR06A			7,277.74	100	7,277.74
1403-42H		calculate EM loads at leads	01SEP05A	*185**	30MAY06		***835***	6,014.55	60	10,024.25
1403-47A		Update,review & approve FMECA	26SEP05A	*168**	30MAY06		***835***	673.17	10	6,731.69
1403-42A1		Document analysis of MCWF eddy currents	01MAY06*	*21**	30MAY06		***835***	0.00	10	0.00
1403-47C		Perform cool-down/warmup analysis	01MAY06*	*10**	12MAY06		***846***	0.00		6,962.40
1403-50A		Check inductance calculation	01MAY06	*10**	12MAY06		***846***	0.00		6,748.00
1403-20.0		Final Design Close-out for Type C		*0*	02JUN06*		***832***	0.00		0.00



Run Date **08JUN06 12:31**

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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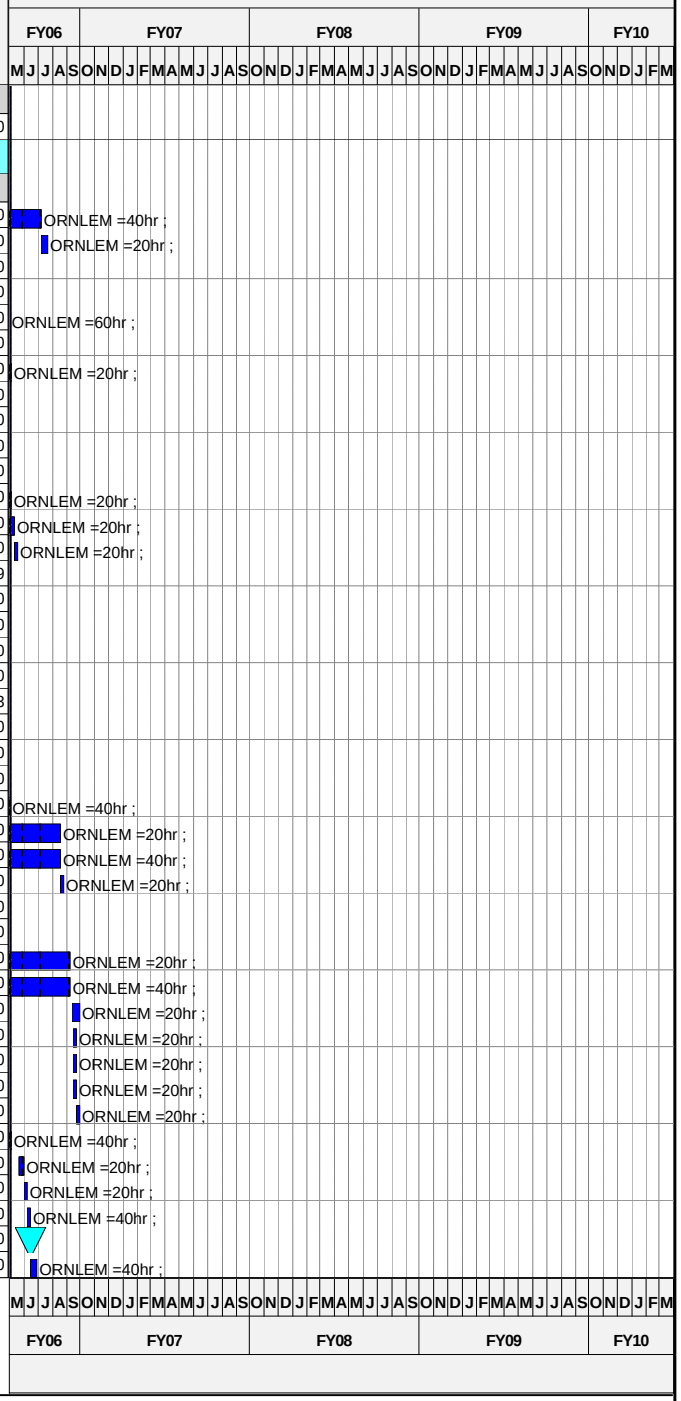
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
FY06CV-101	EC45	ECP45 FY06 cv	01OCT05A	*251**	30MAR06A			322,560.00	100	322,560.00
Job: 1416-Mod Coil Type A&B Final Dsn-WILLIAMSON										
Winding and Assembly Design-Type A										
1416A-105		Top level models and drawings	03MAR06A	*89**	07JUL06		***219***	2,024.40	30	6,748.00
1416A-109		-Check and Promote Top Level Drawings	10JUL06	*10**	21JUL06		***219***	0.00		3,374.00
1416A-113		MCWF mods-As-Built MCWF	01AUG05A	*145**	28FEB06A			13,153.50	100	13,153.50
1416A-117		MCWF mods-Studs, Lead Block Mount	01OCT05A	*100**	28FEB06A			6,748.00	100	6,748.00
1416A-121		MCWF mods-Seal Groove Adapter	01OCT05A	*142**	28APR06A			10,122.00	100	10,122.00
1416A-125			03OCT05A	*122**	31MAR06A			0.00		0.00
1416A-129		MCWF mods-Check and Promote	30NOV05A	*107**	05MAY06		***836***	3,036.60	90	3,374.00
1416A-133		Lead Block Assy-Lead Blocks	01OCT05A	*100**	28FEB06A			13,496.00	100	13,496.00
1416A-137		Lead Block Assy-Top and Side Plates	28NOV05A	*62**	28FEB06A			13,496.00	100	13,496.00
1416A-141		Lead Block Assy-Detail Parts, Intralink	28NOV05A	*84**	10MAR06A			10,122.00	100	10,122.00
1416A-145			28NOV05A	*84**	31MAR06A			0.00		0.00
1416A-149		Lead Block Assy-Check and Promote	01MAY06	*5**	05MAY06		***836***	3,036.60	90	3,374.00
1416A-153		Lead Terminals-Splice Plates	01MAY06*	*7**	09MAY06		***829***	0.00		3,374.00
1416A-157		Lead Terminals-Check and Promote	10MAY06*	*5**	16MAY06		***829***	0.00		3,374.00
1416A-161	EC45	Side A Coil Assy-Cladding Asm	01SEP05A	*144**	31MAR06A			59,645.29	100	59,645.29
1416A-165		Side A Coil Assy-Cond Layers, Geom Files	28NOV05A	*84**	31MAR06A			6,748.00	100	6,748.00
1416A-169		Side A Coil Assy-Magnetic Loops	28NOV05A	*84**	31MAR06A			3,374.00	100	3,374.00
1416A-173		Side A Coil Assy-Chill Plates and Tubing	28NOV05A	*84**	31MAR06A			40,488.00	100	40,488.00
1416A-177		Side A Coil Assy-Check and Promote		*0**	31MAR06A			6,748.00	100	6,748.00
1416A-181		Side B Coil Assy-Cladding Asm	01SEP05A	*144**	31MAR06A			39,724.23	100	39,724.23
1416A-185		Side B Coil Assy-Cond Layers, Geom Files	28NOV05A	*84**	31MAR06A			6,748.00	100	6,748.00
1416A-189		Side B Coil Assy-Magnetic Loops	28NOV05A	*84**	31MAR06A			3,374.00	100	3,374.00
1416A-193		Side B Coil Assy-Chill Plates and Tubing	28NOV05A	*84**	31MAR06A			41,774.40	100	41,774.40
1416A-197		Side B Coil Assy-Check and Promote		*0**	28APR06A			6,748.00	100	6,748.00
1416A-201		Coil Post VPI mods-Studs Removed	03DEC05A	*177**	18AUG06		***180***	2,699.20	80	3,374.00
1416A-205		Coil Post VPI mods-Clamp Arrangement	03DEC05A	*177**	18AUG06		***180***	5,398.40	80	6,748.00
1416A-209		Coil Post VPI mods-Check and Promote	21AUG06	*5*	25AUG06		***180***	2,699.20	80	3,374.00
1416A-213		Clamp Assy-Clamp Hardware	28NOV05A	*40**	23DEC05A			674.80	100	674.80
1416A-217		Clamp Assy-Check and Promote	01DEC05A	*1*	23DEC05A			674.80	100	674.80
1416A-221		I&C-Strain Gages and T/C	03MAR06A	*133**	08SEP06		***749***	1,012.20	30	3,374.00
1416A-225		I&C-Rogowski Coils	03MAR06A	*133**	08SEP06		***749***	2,024.40	30	6,748.00
1416A-229		I&C-Check and Promote	11SEP06*	*15**	29SEP06		***749***	0.00		3,374.00
1416A-233		Coil-to-Coil -Current Feed Insul, Covers	15SEP06*	*5*	21SEP06		***232***	0.00		3,374.00
1416A-237		Coil-to-Coil -Windings Insul Blanket	15SEP06*	*5*	21SEP06		***232***	0.00		3,374.00
1416A-241		Coil-to-Coil -Bushing Installation	15SEP06*	*5*	21SEP06		***232***	0.00		3,374.00
1416A-245		Coil-to-Coil -Check and Promote	22SEP06	*5*	28SEP06		***232***	0.00		3,374.00
1416A-249		-Type-A Coil Asm Specification	01MAY06*	*5*	05MAY06		***826***	0.00		6,748.00
1416A-253		-Review and Approve Type-A Spec	23MAY06*	*5*	30MAY06		***815***	0.00		3,374.00
1416A-257		-Update Coil Fab Procedures	31MAY06*	*5*	06JUN06		***815***	0.00		3,374.00
1416A-261		-Prepare and Conduct FDR	07JUN06*	*5*	13JUN06		***815***	0.00		6,748.00
1416A-262		TYPE A FDR		*0*	13JUN06*		***815***	0.00		0.00
1416A-265		-Resolve FDR Comments	14JUN06	*10*	27JUN06		***815***	0.00		6,748.00



Run Date **08JUN06 12:31**

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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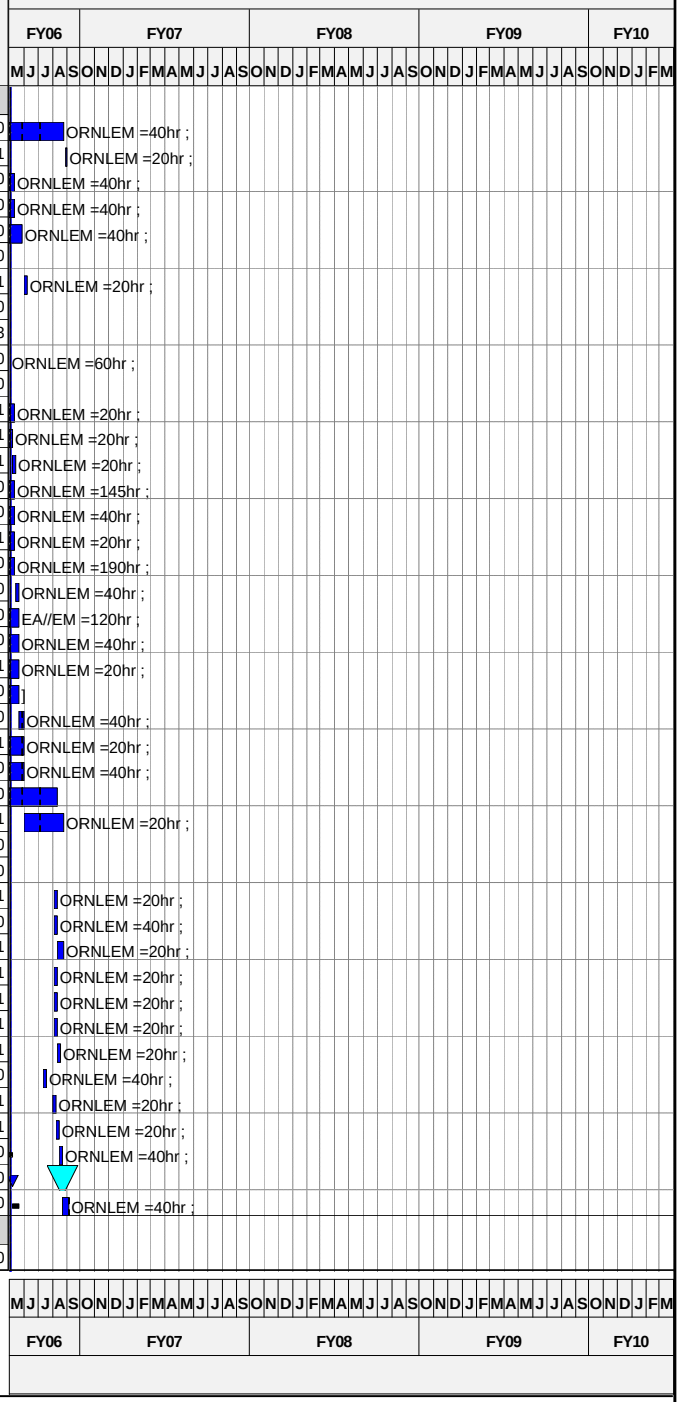
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
Winding and Assembly Design-Type B										
1416B-105	EC45	Top level models and drawings	11MAR06A	118*	25AUG06		243	674.80	10	6,748.00
1416B-109		-Check and Promote top level drawings	28AUG06	5	01SEP06		243	0.00		3,372.31
1416B-113		MCWF mods-As-Built MCWF	01DEC05A	111*	12MAY06		826	6,073.20	90	6,748.00
1416B-117		MCWF mods-Studs, Lead Block Mount	01MAY06*	10*	12MAY06		826	5,398.40	80	6,748.00
1416B-121		MCWF mods-Seal Groove Adapter	01MAY06*	20*	26MAY06		816	2,024.40	30	6,748.00
1416B-125				0	31MAR06A			0.00		0.00
1416B-129		MCWF mods-Check and Promote	02JUN06*	5	08JUN06		813	0.00		3,372.31
1416B-133		Lead Block Assy-Lead Blocks	28NOV05A	104*	14APR06A			13,496.00	100	13,496.00
1416B-137		Lead Block Assy-Top and Side Plates	28NOV05A	104*	14APR06A			13,492.63	100	13,492.63
1416B-141		Lead Block Assy-Detail Parts, Intralink	10FEB06A	56*	28APR06A			10,122.00	100	10,122.00
1416B-145			06FEB06A	5	31MAR06A			0.00		0.00
1416B-149		Lead Block Assy-Check and Promote	01MAR06A	53*	12MAY06		178	2,697.85	80	3,372.31
1416B-153		Lead Terminals-Splice Plates	02MAY06*	5	08MAY06		177	0.00		3,372.31
1416B-157		Lead Terminals-Check and Promote	09MAY06*	5	15MAY06		177	0.00		3,372.31
1416B-161	EC45	Side A Coil Assy-Cladding Asm	03DEC05A	109*	12MAY06		206	19,569.20	80	24,461.50
1416B-165		Side A Coil Assy-Cond Layers, Geom Files	03MAR06A	51*	12MAY06		826	5,398.40	80	6,748.00
1416B-169		Side A Coil Assy-Magnetic Loops	03MAR06A	51*	12MAY06		826	2,697.85	80	3,372.31
1416B-173	EC45	Side A Coil Assy-Chill Plates and Tubing	03MAR06A	51*	12MAY06		224	25,642.40	80	32,053.00
1416B-177		Side A Coil Assy-Check and Promote	15MAY06	5*	19MAY06		826	0.00		6,748.00
1416B-181	EC45	Side B Coil Assy-Cladding Asm	03DEC05A	114*	19MAY06		201	12,532.32	60	20,887.20
1416B-185		Side B Coil Assy-Cond Layers, Geom Files	03MAR06A	56*	19MAY06		820	4,048.80	60	6,748.00
1416B-189		Side B Coil Assy-Magnetic Loops	03MAR06A	56*	19MAY06		820	2,023.39	60	3,372.31
1416B-193	EC45	Side B Coil Assy-Chill Plates and Tubing	03MAR06A	56*	19MAY06		219	10,965.78	60	18,276.30
1416B-197		Side B Coil Assy-Check and Promote	22MAY06	6*	30MAY06		820	0.00		6,748.00
1416B-201		Coil Post VPI mods-Studs Removed	03MAR06A	62*	30MAY06		241	1,011.69	30	3,372.31
1416B-205		Coil Post VPI mods-Clamp Arrangement	03MAR06A	62*	30MAY06		241	2,024.40	30	6,748.00
1416B-205A		Coil Post VPIU mods cooling/electrical	01MAY06*	73*	11AUG06		783	0.00		6,748.00
1416B-209		Coil Post VPI mods-Check and Promote	31MAY06	62*	25AUG06		241	0.00		3,372.31
1416B-213		Clamp Assy-Clamp HardwareDELETED	31MAR06A	1	31MAR06A			0.00		0.00
1416B-217		Clamp Assy-Check and Promote DELETED	31MAR06A	1	31MAR06A			0.00		0.00
1416B-221		I&C-Strain Gages and T/C	04AUG06*	5	10AUG06		241	0.00		3,372.31
1416B-225		I&C-Rogowski Coils	04AUG06*	5	10AUG06		241	0.00		6,748.00
1416B-229		I&C-Check and Promote	11AUG06	11*	25AUG06		241	0.00		3,372.31
1416B-233		Coil-to-Coil -Current Feed Insul, Covers	04AUG06*	5	10AUG06		247	0.00		3,372.31
1416B-237		Coil-to-Coil -Windings Insul Blanket	04AUG06*	5	10AUG06		247	0.00		3,372.31
1416B-241		Coil-to-Coil -Bushing Installation	04AUG06*	5	10AUG06		247	0.00		3,372.31
1416B-245		Coil-to-Coil -Check and Promote	11AUG06	5	17AUG06		247	0.00		3,372.31
1416B-249		-Type-B Coil Asm Specification	14JUL06*	5	20JUL06		774	0.00		6,748.00
1416B-253		-Review and Approve Type-B Spec	02AUG06*	5	08AUG06		766	0.00		3,372.31
1416B-257		-Update Coil Fab Procedures	09AUG06*	5	15AUG06		766	0.00		3,372.31
1416B-261		-Prepare and Conduct FDR	16AUG06*	5	22AUG06		766	0.00		6,748.00
1416B-262		TYPE B FDR		0	22AUG06		766	0.00		0.00
1416B-265		-Resolve FDR Comments	23AUG06	10	06SEP06		766	0.00		5,061.00
FY06CV-109	EC45	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			-211,700.00	100	-211,700.00



Run Date 08JUN06 12:31

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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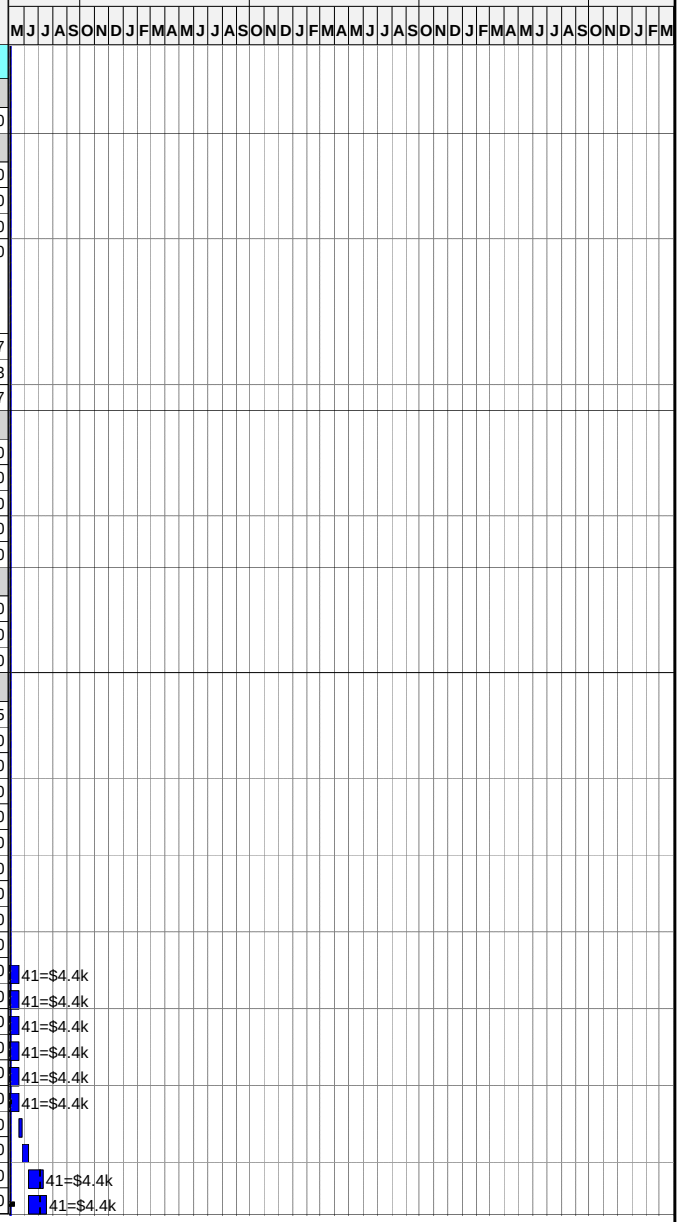
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
Job:1408-Mod Coil Winding Supplies-CHRZANOWSKI										
Prior Costs										
1408-001		Apr-Sep YTD MIE Cost PPPL	01APR03A	64	30SEP03A			29,790.00	100	29,790.00
Copper Conductor										
1408-141		Copper Conductor -Spec & Requisition	02AUG04A	3	27AUG04A			2,472.00	100	2,472.00
1408-142		Copper Conductor -Prep & Issue RFQ/RFP	30AUG04A	23*	30SEP04A			0.00	100	0.00
1408-143		Copper Conductor -Evaluate Bids & Award	30SEP04A	5	30SEP04A			0.00	100	0.00
1408-143.1		Mod Coil Copper Conductor Awarded		0	01OCT04A			0.00	100	0.00
1408-147		Copper Conductor -Delivery #1 PE005371	01OCT04A	63*	23DEC04A			12,002.97	100	12,002.97
1408-145		Copper Conductor -Delivery #2 PE005371	01MAR05A	66*	29APR05A			228,056.43	100	228,056.43
1408-146		Add'l Copper Conductor f/trial winding PE005371	25JUL05A	71*	31OCT05A			31,382.87	100	31,382.87
Insulation for conductor										
1408-101		Insulation-Spec & Requisition	09JUL04A	3*	13JUL04A			0.00	100	0.00
1408-103		Insulation-Prep & Issue RFQ/RFP	01AUG04A	10	20AUG04A			0.00	100	0.00
1408-104		Insulation-Evaluate Bids & Award	23AUG04A	5	31AUG04A			0.00	100	0.00
1408-107		Insulation-Initial Delivery for Production	31JAN05A	11	31JAN05A			6,405.00	100	6,405.00
1408-108		Insulation-Delivery incl add'l f/trial winding	01JUN05A	0*	30JUN05A			20,496.00	100	20,496.00
Groundwrap Insulation										
1408-110		Grndwrap Insulation-Spec & Requisition	03JAN05A	3	31JAN05A			0.00	100	0.00
1408-112		Grndwrap-Bid & Award	03JAN05A	3	31JAN05A			0.00	100	0.00
1408-112.1		Grndwrap-Delivery	31JAN05A	37*	28FEB05A			25,620.00	100	25,620.00
Cladding										
1408-505		PPPL Fabr Cladding Type C for Coil c1	01MAY05A	15	31MAY05A			3,586.65	100	3,586.65
1408-507		PPPL Fabr Cladding Type C for Coil c2	02OCT05A	58*	23DEC05A			3,838.80	100	3,838.80
1408-501		Submet Requisition for Type C Cladding	31OCT05A	1	31OCT05A			0.00	100	0.00
1408-503		Bid and Award Type C Cladding (PE006336)	01NOV05A	20	30NOV05A			0.00	100	0.00
1408-509		Fabr Cladding Type C for Coil c3	03DEC05A	36	31JAN06A			3,838.80	100	3,838.80
1408-511		Fabr Cladding Type C for Coil c4	03DEC05A	36	31JAN06A			3,838.80	100	3,838.80
1408-513		Fabr Cladding Type C for Coil c5	03DEC05A	36	31JAN06A			3,838.80	100	3,838.80
1408-515		Fabr Cladding Type C for Coil c6	03DEC05A	36	31JAN06A			3,838.80	100	3,838.80
1408-517		Submet Requisition for Type A Cladding	01APR06A	5	14APR06A			0.00		0.00
1408-519		Bid and Award Type A Cladding	17APR06A	30	26APR06A			0.00		0.00
1408-521	EC45	Fabr Cladding Type A for Coil a1	01MAY06	16	22MAY06		160	0.00		6,032.40
1408-523	EC45	Fabr Cladding Type A for Coil a2	01MAY06	16	22MAY06		189	0.00		6,032.40
1408-525	EC45	Fabr Cladding Type A for Coil a3	01MAY06	16	22MAY06		216	0.00		6,032.40
1408-527	EC45	Fabr Cladding Type A for Coil a4	01MAY06	16	22MAY06		254	0.00		6,032.40
1408-529	EC45	Fabr Cladding Type A for Coil a5	01MAY06	16	22MAY06		400	0.00		6,032.40
1408-531	EC45	Fabr Cladding Type A for Coil a6	01MAY06	16	22MAY06		419	0.00		6,032.40
1408-533		Submet Requisition for Type B Cladding	22MAY06	5	26MAY06		201	0.00		0.00
1408-535		Bid and Award Type B Cladding	30MAY06	10	12JUN06		201	0.00		0.00
1408-537	EC45	Fabr Cladding Type B for Coil b1	13JUN06	20	11JUL06		201	0.00		6,032.40
1408-539	EC45	Fabr Cladding Type B for Coil b2	13JUN06	25	18JUL06		242	0.00		6,032.40



Run Date 08JUN06 12:31

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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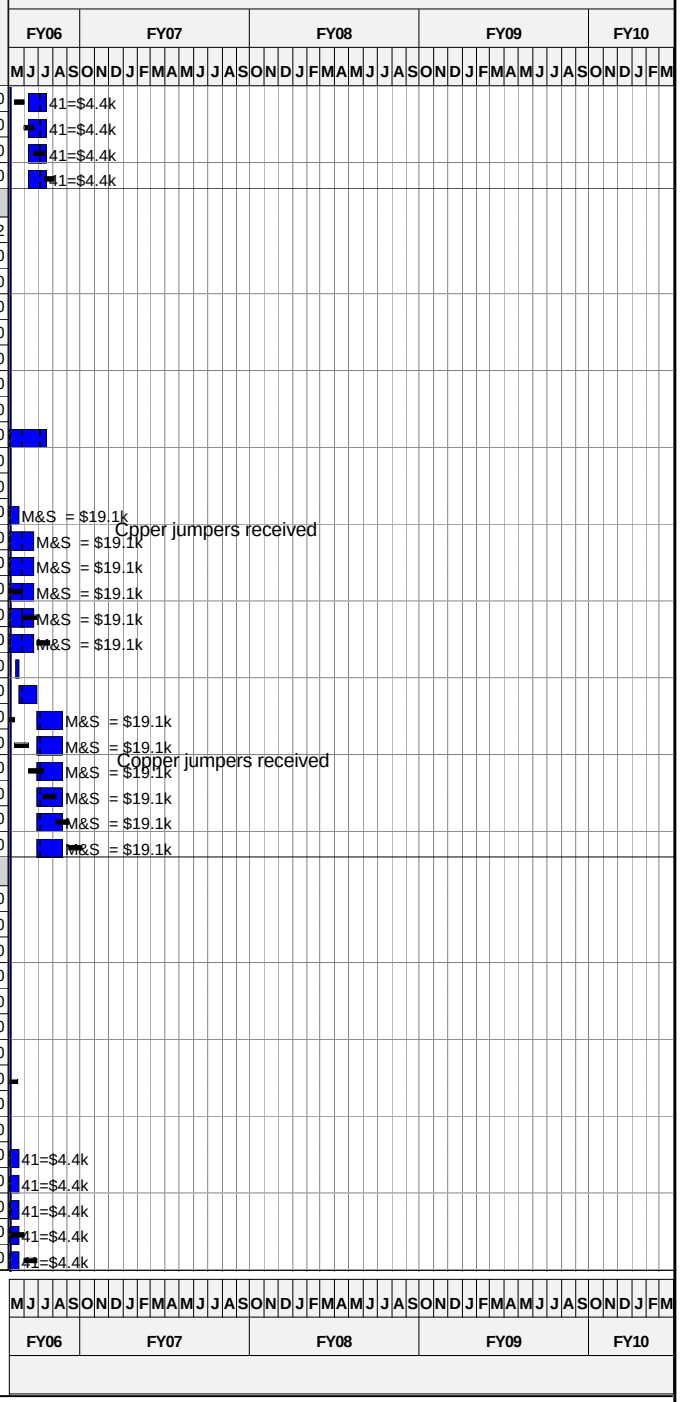
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
1408-541	EC45	Fabr Cladding Type B for Coil b3	13JUN06	25	18JUL06		269	0.00		6,032.40
1408-543	EC45	Fabr Cladding Type B for Coil b4	13JUN06	25	18JUL06		288	0.00		6,032.40
1408-545	EC45	Fabr Cladding Type B for Coil b5	13JUN06	25	18JUL06		315	0.00		6,032.40
1408-547	EC45	Fabr Cladding Type B for Coil b6	13JUN06	25	18JUL06		334	0.00		6,032.40
Lead hardware & Fillers										
1408-705		Fabr Lead HW Type C for Coil c1	01JUL05A	131*	30DEC05A			93,326.22	100	93,326.22
1408-707		Fabr Lead HW Type C for Coil c2	01JUL05A	131*	31JAN06A			24,911.70	100	24,911.70
1408-701		Submet Requisition for Type C3-C6 Lead HW	01AUG05A	5	05AUG05A			0.00	100	0.00
1408-703		Bid and Award Type C3-C6 Lead HW	08AUG05A	30	02DEC05A			0.00	100	0.00
1408-709		Fabr Lead HW Type C for Coil c3	03JAN06A	20	31JAN06A			26,186.10	100	26,186.10
1408-711		Fabr Lead HW Type C for Coil c4	03JAN06A	20	31JAN06A			26,186.10	100	26,186.10
1408-713		Fabr Lead HW Type C for Coil c5	03JAN06A	20	31JAN06A			26,186.10	100	26,186.10
1408-715		Fabr Lead HW Type C for Coil c6	03JAN06A	20	31JAN06A			26,186.10	100	26,186.10
1408-721A		Fab & Deliver Lower lead blocks (PE006621)	31MAR06A	78*	20JUL06		150	0.00		0.00
1408-717		Submet Req for Type A Lead HW R403928	31MAR06A	5	31MAR06A			0.00		0.00
1408-719		Bid and Award Type A Lead HW (PE006621 & 6646)	31MAR06A	25	14APR06A			0.00		0.00
1408-721		Fabr Lead HW Type A for Coil a1	01MAY06	15	19MAY06		164	5,630.01	22	26,186.10
1408-723		Fabr Lead HW Type A for Coil a2	01MAY06	36	20JUN06		172	5,630.01	22	26,186.10
1408-725		Fabr Lead HW Type A for Coil a3	01MAY06	36	20JUN06		199	5,630.01	22	26,186.10
1408-727		Fabr Lead HW Type A for Coil a4	01MAY06	36	20JUN06		237	5,630.01	22	26,186.10
1408-729		Fabr Lead HW Type A for Coil a5	01MAY06	36	20JUN06		383	5,630.01	22	26,186.10
1408-731		Fabr Lead HW Type A for Coil a6	01MAY06	36	20JUN06		402	5,630.01	22	26,186.10
1408-733		Submet Requisition for Type B Lead HW	16MAY06	5	22MAY06		177	0.00		0.00
1408-735		Bid and Award Type B Lead HW	23MAY06	25	27JUN06		177	0.00		0.00
1408-737		Fabr Lead HW Type B for Coil b1	28JUN06	40	23AUG06		177	5,630.01	22	26,186.10
1408-739		Fabr Lead HW Type B for Coil b2	28JUN06	40	23AUG06		342	5,630.01	22	26,186.10
1408-741		Fabr Lead HW Type B for Coil b3	28JUN06	40	23AUG06		250	5,630.01	22	26,186.10
1408-743		Fabr Lead HW Type B for Coil b4	28JUN06	40	23AUG06		269	5,630.01	22	26,186.10
1408-745		Fabr Lead HW Type B for Coil b5	28JUN06	40	23AUG06		296	5,630.01	22	26,186.10
1408-747		Fabr Lead HW Type B for Coil b6	28JUN06	40	23AUG06		315	5,630.01	22	26,186.10
Chill Plates										
1408-605		PPPL Fabr Chill Plts Type C for Coil c1	28NOV05A	20*	22DEC05A			3,838.80	100	3,838.80
1408-601		Submet Requisition for Type C Chill Plts	28NOV05A	5	30NOV05A			0.00	100	0.00
1408-603		Bid and Award Type C Chill Plts	01DEC05A	30	05DEC05A			0.00	100	0.00
1408-607		Fabr Chill Plts Type C for Coil c2	03JAN06A	20	31JAN06A			3,838.80	100	3,838.80
1408-609		Fabr Chill Plts Type C for Coil c3	03JAN06A	20	31JAN06A			3,838.80	100	3,838.80
1408-611		Fabr Chill Plts Type C for Coil c4	03JAN06A	20	31JAN06A			3,838.80	100	3,838.80
1408-613		Fabr Chill Plts Type C for Coil c5	03JAN06A	20	31JAN06A			3,838.80	100	3,838.80
1408-615		Fabr Chill Plts Type C for Coil c6	03JAN06A	20	31JAN06A			3,838.80	100	3,838.80
1408-617		Submet Requisition for Type A Chill Plts	01APR06A	5	14APR06A			0.00		0.00
1408-619		Bid and Award Type A Chill Plts (PE006657)	17APR06A	30	26APR06A			0.00		0.00
1408-621	EC45	Fabr Chill Plts Type A for Coil a1	01MAY06	16	22MAY06		208	0.00		6,032.40
1408-623	EC45	Fabr Chill Plts Type A for Coil a2	01MAY06	16	22MAY06		227	0.00		6,032.40
1408-625	EC45	Fabr Chill Plts Type A for Coil a3	01MAY06	16	22MAY06		254	0.00		6,032.40
1408-627	EC45	Fabr Chill Plts Type A for Coil a4	01MAY06	16	22MAY06		300	0.00		6,032.40
1408-629	EC45	Fabr Chill Plts Type A for Coil a5	01MAY06	16	22MAY06		319	0.00		6,032.40



Run Date 08JUN06 12:31

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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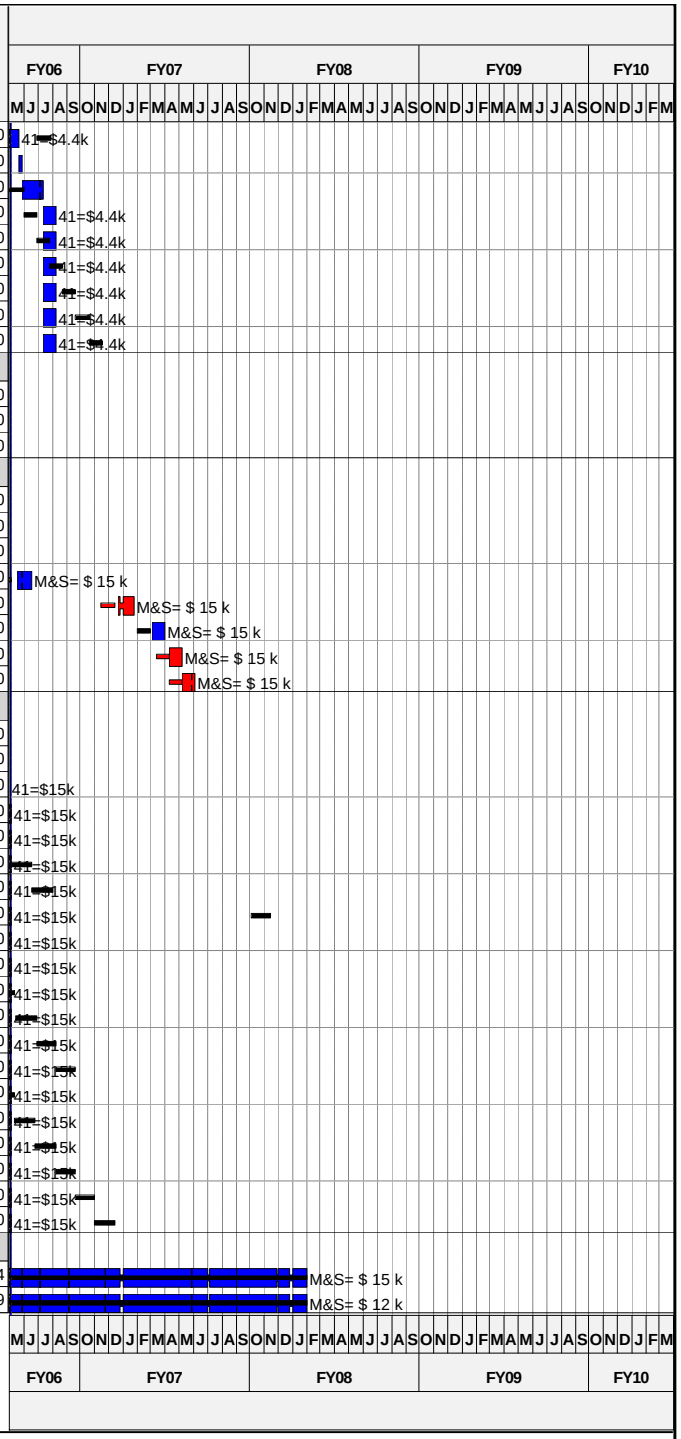
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
1408-631	EC45	Fabr Chill Plts Type A for Coil a6	01MAY06	16	22MAY06		457	0.00		6,032.40
1408-633		Submet Requisition for Type B Chill Plts	22MAY06	5	26MAY06		219	0.00		0.00
1408-635		Bid and Award Type B Chill Plts	30MAY06	30	11JUL06		219	0.00		0.00
1408-637	EC45	Fabr Chill Plts Type B for Coil b1	12JUL06	20	08AUG06		219	0.00		6,032.40
1408-639	EC45	Fabr Chill Plts Type B for Coil b2	12JUL06	20	08AUG06		384	0.00		6,032.40
1408-641	EC45	Fabr Chill Plts Type B for Coil b3	12JUL06	20	08AUG06		292	0.00		6,032.40
1408-643	EC45	Fabr Chill Plts Type B for Coil b4	12JUL06	20	08AUG06		311	0.00		6,032.40
1408-645	EC45	Fabr Chill Plts Type B for Coil b5	12JUL06	20	08AUG06		338	0.00		6,032.40
1408-647	EC45	Fabr Chill Plts Type B for Coil b6	12JUL06	20	08AUG06		357	0.00		6,032.40
Tubing										
1408-761		Submet Requisition for Tubing	28NOV05A	5	30NOV05A			0.00	100	0.00
1408-763		Bid and Award Tubing (PE006392)	03JAN06A	0*	21DEC05A			0.00	100	0.00
1408-765		Deliver Tubing	31JAN06A	10	31JAN06A			2,742.00	100	2,742.00
Epoxy										
1408-111		Epoxy - Requisition	01JAN05A	5	31JAN05A			0.00	100	0.00
1408-114		Epoxy -Evaluate Bids & Award	01MAY05A	10	31MAY05A			0.00	100	0.00
1408-117		Epoxy -1st Delivery for Production	31JAN06A	20	31JAN06A			20,565.00	100	20,565.00
1408-119		Epoxy -2nd Delivery for Production	19MAY06	20	16JUN06		142	0.00		20,565.00
1408-121		Epoxy -3rd Delivery for Production	21DEC06	20	25JAN07		141	0.00		20,565.00
1408-123		Epoxy -4th Delivery for Production	05MAR07	20	30MAR07		143	0.00		20,565.00
1408-125		Epoxy -5th Delivery for Production	10APR07	20	07MAY07		137	0.00		20,565.00
1408-127		Epoxy -6th Delivery for Production	08MAY07	20	05JUN07		137	0.00		20,565.00
Clamps										
1408-901		Submet Requisition for Type C Clamps	01DEC05A	5	07DEC05A			0.00		0.00
1408-903		Bid and Award Type C Clamps (PE6417)	08DEC05A	33*	11JAN06A			0.00		0.00
1408-905		Fabr Clamps Type C for Coil c1	28FEB06A	45*	28APR06A			20,565.00	100	20,565.00
1408-907		Fabr Clamps Type C for Coil c2	28FEB06A	46*	02MAY06		149	18,097.20	88	20,565.00
1408-909		Fabr Clamps Type C for Coil c3	28FEB06A	46*	02MAY06		181	18,097.20	88	20,565.00
1408-911		Fabr Clamps Type C for Coil c4	28FEB06A	46*	02MAY06		218	9,871.20	88	20,565.00
1408-913		Fabr Clamps Type C for Coil c5	28FEB06A	46*	02MAY06		256	18,097.20	88	20,565.00
1408-915		Fabr Clamps Type C for Coil c6	28FEB06A	46*	02MAY06		529	9,871.20	88	20,565.00
1408-921		Fabr Clamps Type A for Coil a1	28FEB06A	46*	02MAY06		275	18,097.20	88	20,565.00
1408-923		Fabr Clamps Type A for Coil a2	28FEB06A	46*	02MAY06		283	9,871.20	88	20,565.00
1408-925		Fabr Clamps Type A for Coil a3	28FEB06A	46*	02MAY06		310	18,097.20	88	20,565.00
1408-927		Fabr Clamps Type A for Coil a4	28FEB06A	46*	02MAY06		439	18,097.20	88	20,565.00
1408-929		Fabr Clamps Type A for Coil a5	28FEB06A	46*	02MAY06		493	18,097.20	88	20,565.00
1408-931		Fabr Clamps Type A for Coil a6	28FEB06A	46*	02MAY06		493	18,097.20	88	20,565.00
1408-937		Fabr Clamps Type B for Coil b1	01MAR06A	45*	02MAY06		329	18,097.20	88	20,565.00
1408-939		Fabr Clamps Type B for Coil b2	28FEB06A	46*	02MAY06		388	18,097.20	88	20,565.00
1408-941		Fabr Clamps Type B for Coil b3	28FEB06A	46*	02MAY06		455	18,097.20	88	20,565.00
1408-943		Fabr Clamps Type B for Coil b4	28FEB06A	46*	02MAY06		455	18,097.20	88	20,565.00
1408-945		Fabr Clamps Type B for Coil b5	28FEB06A	46*	02MAY06		509	18,097.20	88	20,565.00
1408-947		Fabr Clamps Type B for Coil b6	28FEB06A	46*	02MAY06		509	18,097.20	88	20,565.00
Other										
1408-137		Safety & PPE equipt & supplies	01MAY05A	686*	31JAN08		420	15,308.96	75	20,411.94
1408-138		Misc. Supplies	01JUL05A	643*	31JAN08		420	11,475.51	70	16,393.59



Run Date 08JUN06 12:31

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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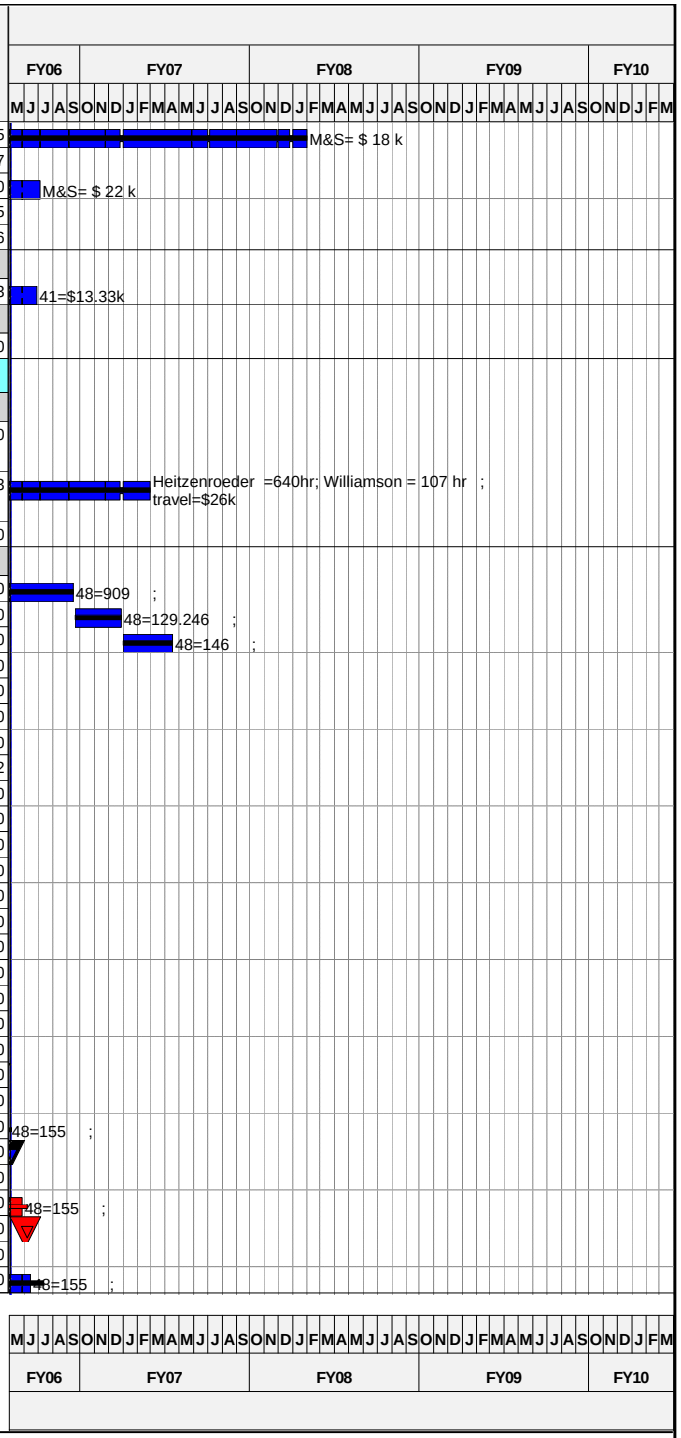
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
1408-173		Epoxy for Shell Mold (Hysol)	03JAN06A	*520**	31JAN08		***420***	14,863.29	60	24,772.15
1408-183		Tubing (Chem flor and Poly)	01SEP05A	*67**	31OCT05A			46,373.37	100	46,373.37
1408-184		Vulcanizing tape, felt and RTV	03JAN06A	*45*	03JUL06		***811***	25,034.46	83	30,162.00
1408-185		Valves and Fittings	01AUG05A	*66**	31OCT05A			19,644.55	100	19,644.55
1408-186		Manifolds	01SEP05A	*209*	30SEP05A			75,850.56	100	75,850.56
I&C										
174-035		Modular Coil local I&C -Procurement	01MAY06	*40*	26JUN06		***816***	0.00		18,275.43
FY05CV-21		FY05 unrecoverable cost variance	01OCT04A	*251*	30SEP05A			33,000.00		33,000.00
Job: 1411-MCWF Fabrication S005242-HEITZENROEDER										
Contract Oversighjt and Title III										
172-031		Title III engr	24MAY04A	*340**	30SEP05A			76,273.90	LOE	76,273.90
172-031.1	X	Title III engr	01OCT05A	*350**	01MAR07		***648***	67,861.86	LOE	167,147.43
FY05CV-23		FY05 unrecoverable cost variance	01OCT04A	*251*	30SEP05A			275,000.00		275,000.00
MCWF-001	X	EIO Project Mgt. & Reporting	29OCT04A	*486**	15SEP06		***709***	682,500.00	LOE	910,000.00
MCWF-001A	X	EIO Project Mgt. & Reporting AMEND #11	18SEP06	*75**	29DEC06		***709***	0.00		129,250.00
MCWF-001B	X	EIO Project Mgt. & Reporting AMEND #12	02JAN07*	*76**	17APR07		***633***	0.00		146,000.00
MCWF-011		Pattern A complete	29OCT04A	*126**	01APR05A			290,125.00	100	290,125.00
MCWF-021		Pattern B complete	01DEC04A	*220**	30SEP05A			255,120.00	100	255,120.00
MCWF-031		Major Tool Tooling Complete	29OCT04A	*82**	28FEB05A			628,622.00	100	628,622.00
MCWF-041		Materials (MetalTek)	29NOV04A	*282**	31AUG05A			744,750.00	100	744,750.00
MCWF-051		C1-MTK-casting upgrade	20DEC04A	*63**	31MAR05A			146,248.12	100	146,248.12
MCWF-061		C1-MTM - machining/inspection	01APR05A	*136**	30SEP05A	M		159,560.00	100	159,560.00
C-121.1		First MCWF C-1 Delivered		*0*	30SEP05A			0.00		0.00
MCWF-071		C1-Receive at PPPL		*0*	03OCT05A			0.00		0.00
MCWF-081		C2-MTK-casting	01APR05A	*66**	27JUN05A			142,920.00	100	142,920.00
MCWF-091	X	C2-MTM - machining/inspection	28JUN05A	*125**	16DEC05A			169,040.00	100	169,040.00
MCWF-101		C2-Receive at PPPL		*0*	16DEC05A			0.00	100	0.00
MCWF-141		C3-MTK-casting	12MAY05A	*102**	19SEP05A			142,920.00	100	142,920.00
MCWF-151	X	C3-MTM - machining/inspection	20SEP05A	*108**	27FEB06A			167,910.00	100	167,910.00
MCWF-161		C3-Receive at PPPL		*0*	27FEB06A			43,000.00		43,000.00
MCWF-201	X	C4-MTK-casting	16MAY05A	*122**	31OCT05A			142,920.00	100	142,920.00
MCWF-211	X	C4-MTM - machining/inspection	31OCT05A	*102**	27MAR06A			167,910.00	100	167,910.00
MCWF-221		C4-Receive at PPPL		*0*	27MAR06A			31,190.00		31,190.00
MCWF-261	X	C5-MTK-casting	30MAY05A	*128**	30NOV05A			142,920.00	100	142,920.00
MCWF-271	X	C5-MTM - machining/inspection	01DEC05A	*101**	28APR06A			167,910.00	100	167,910.00
MCWF-281		C5-Receive at PPPL		*0*	28APR06A			34,480.00		34,480.00
MCWF-111		A1-MTK-casting	22APR05A	*116**	08SEP05A			142,710.00	100	142,710.00
MCWF-121	X	A1-MTM - machining/inspection	09SEP05A	*108**	26MAY06		***139***	117,537.00	70	167,910.00
MCWF-131		A1-Receive at PPPL		*0*	02JUN06*		***135***	0.00		29,880.00
MCWF-171	X	A2-MTK-casting	17AUG05A	*91**	23DEC05A			142,710.00	100	142,710.00
MCWF-181	X	A2-MTM - machining/inspection	14NOV05A	*144**	14JUN06		***159***	50,373.00	30	167,910.00



Run Date **08JUN06 12:31**

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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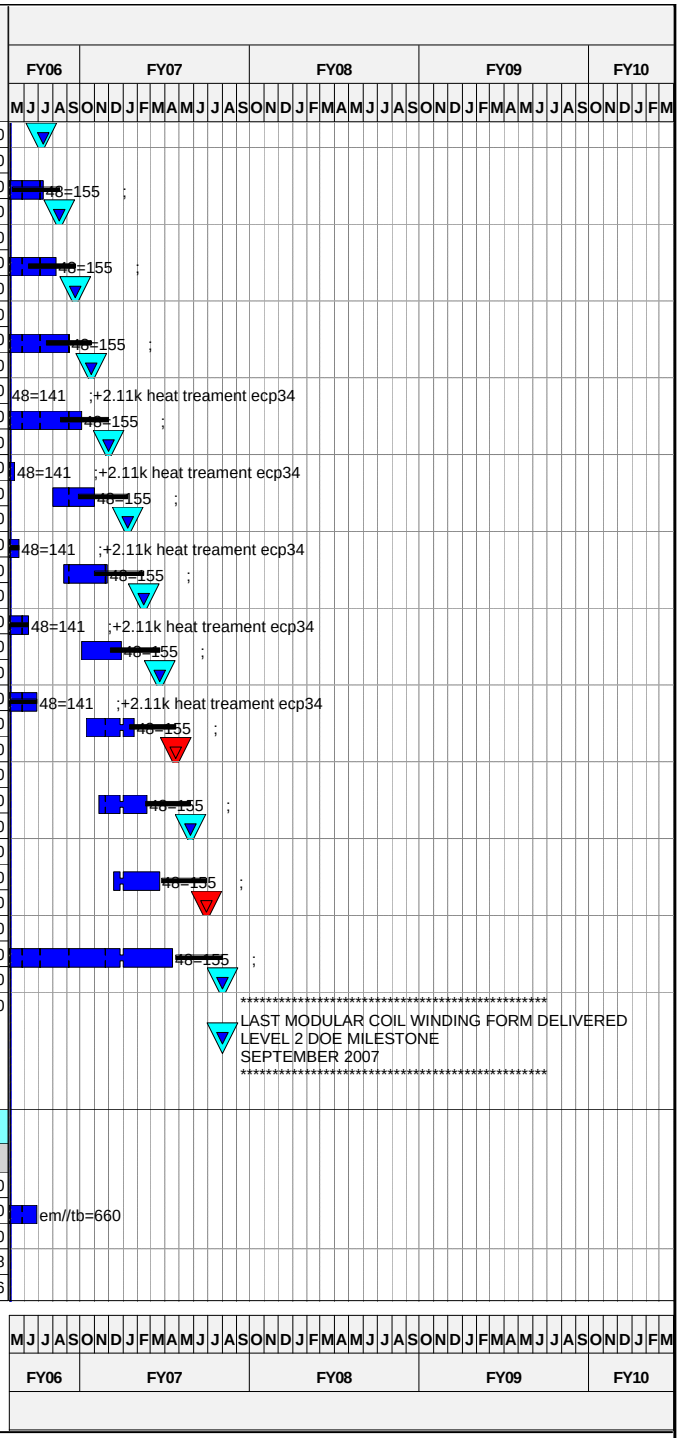
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
MCWF-191		A2-Receive at PPPL		0	07JUL06*		143	0.00		25,270.00
MCWF-351	X	A3-MTK-casting	26SEP05A	84*	31JAN06A			142,710.00	100	142,710.00
MCWF-361	X	A3-MTM - machining/inspection	01MAR06A	93*	11JUL06		178	41,977.50	25	167,910.00
MCWF-371		A3-Receive at PPPL		0	16AUG06*		152	0.00		20,410.00
MCWF-231	X	B1-MTK-casting	16SEP05A	110*	28FEB06A			142,710.00	100	142,710.00
MCWF-241	X	B1-MTM - machining/inspection	01MAR06A	113*	08AUG06		176	11,753.70	7	167,910.00
MCWF-251		B1-Receive at PPPL		0	20SEP06*		146	0.00		14,660.00
MCWF-381	X	A4-MTK-casting	15DEC05A	71*	14MAR06A			142,920.00	100	142,920.00
MCWF-391	X	A4-MTM - machining/inspection	14MAR06A	123*	05SEP06		174	41,977.50	25	167,910.00
MCWF-401		A4-Receive at PPPL		0	24OCT06*		142	0.00		9,730.00
MCWF-321	X	B2-MTK-casting	31JAN06A	64*	28APR06A			142,710.00	100	142,710.00
MCWF-331	X	B2-MTM - machining/inspection	28APR06A	110*	03OCT06		184	3,358.20	2	167,910.00
MCWF-341		B2-Receive at PPPL		0	29NOV06*		145	0.00		159,450.00
MCWF-471	X	B3-MTK-casting	13FEB06A	65*	12MAY06		245	107,190.00	75	142,920.00
MCWF-481	X	B3-MTM - machining/inspection	01AUG06*	65*	31OCT06		191	0.00		167,910.00
MCWF-491		B3-Receive at PPPL		0	11JAN07*		147	0.00		21,780.00
MCWF-501	X	B4-MTK-casting	28MAR06A	39*	19MAY06		259	92,898.00	65	142,920.00
MCWF-511	X	B4-MTM - machining/inspection	25AUG06*	65	28NOV06		192	0.00		167,910.00
MCWF-521		B4-Receive at PPPL		0	14FEB07*		142	0.00		0.00
MCWF-531	X	B5-MTK-casting	13APR06A	41*	09JUN06		272	78,606.00	55	142,920.00
MCWF-541	X	B5-MTM - machining/inspection	02OCT06*	65	29DEC06		201	0.00		167,910.00
MCWF-551		B5-Receive at PPPL		0	20MAR07*		145	0.00		0.00
MCWF-561	X	B6-MTK-casting	28APR06A	44*	29JUN06		274	71,460.00	50	142,920.00
MCWF-571	X	B6-MTM - machining/inspection	13OCT06*	65	23JAN07		201	0.00		167,910.00
MCWF-581		B6-Receive at PPPL		0	23APR07*		140	0.00		0.00
MCWF-411	X	A5-MTK-casting	13JAN06A	45*	29MAR06A			142,920.00	100	142,920.00
MCWF-421	X	A5-MTM - machining/inspection	10NOV06*	65	20FEB07		211	0.00		167,910.00
MCWF-431		A5-Receive at PPPL		0	25MAY07*		143	0.00		0.00
MCWF-441	X	A6-MTK-casting	31JAN06A	64*	20APR06A			142,710.00	100	142,710.00
MCWF-451	X	A6-MTM - machining/inspection	12DEC06*	65	20MAR07		210	0.00		155,000.00
MCWF-461		A6-Receive at PPPL		0	29JUN07*		138	0.00		0.00
MCWF-291	X	C6-MTK-casting	16JUN05A	155*	03FEB06A			142,920.00	100	142,920.00
MCWF-301	X	C6-MTM - machining/inspection	03APR06A	261*	17APR07		226	33,582.00	20	167,910.00
MCWF-311		C6-Receive at PPPL		0	03AUG07*		150	0.00		0.00
C-501B1	X	Last MCWF Delivered		0	03AUG07		539	0.00		0.00
Job: 1451 - Mod Coil Winding-CHRZANOWSKI										
Station 1 Prep casring & Install Cladding										
C1RW		C1 rework	03OCT05A	5	07OCT05A	1		46,461.00	100	46,461.00
C2RW		type C h/w rework	01MAY06*	43	29JUN06	1	813	0.00		53,750.40
1451TRAIN		Training for winding teams	25JUL05A	3	29JUL05A			0.00	100	0.00
P1-001		Rec C1,Prep& Instl Cladding>>@125% 1 shift	10OCT05A	23	24OCT05A	1		54,727.68	100	54,727.68
P1-091		Receive C2, Prep& Instl Cladding	19DEC05A	26*	26JAN06A	1		44,303.36	100	44,303.36



Run Date 08JUN06 12:31

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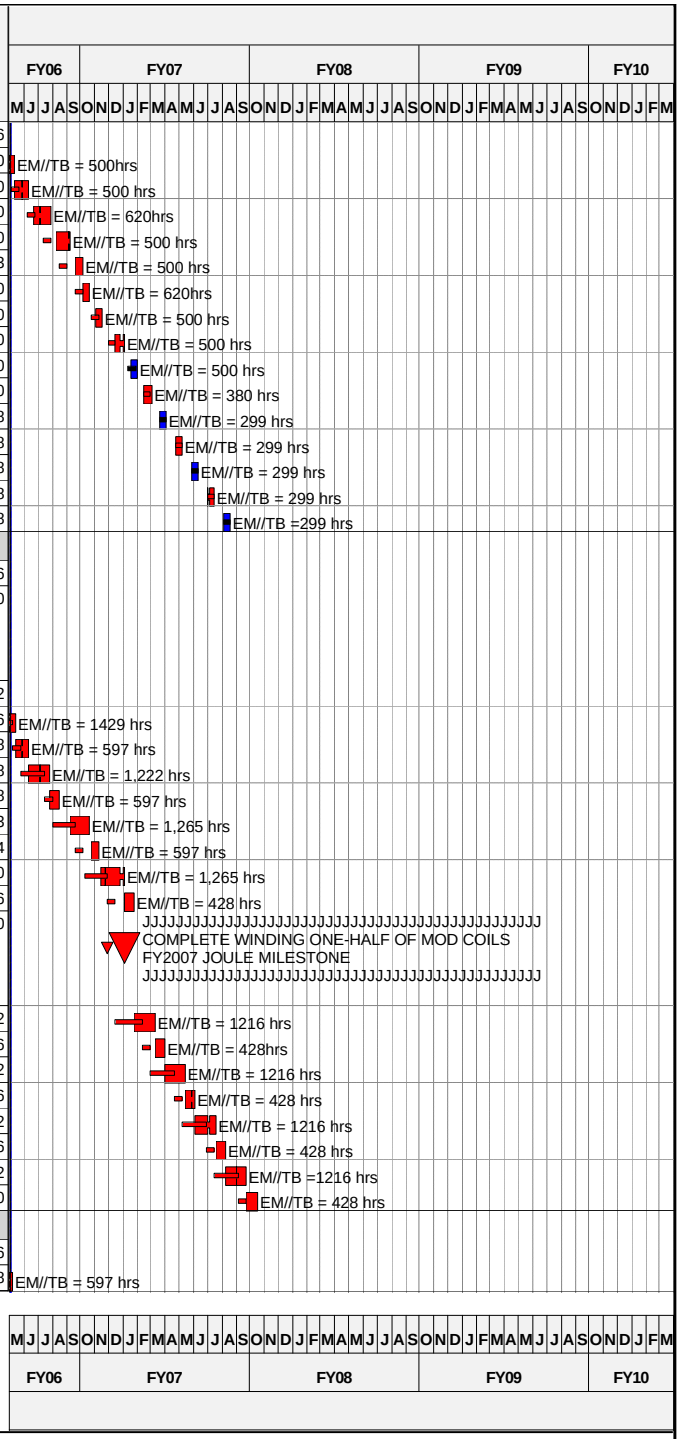
Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
P2-091		Receive C3, Prep& Instl Cladding	03MAR06A	16	31MAR06A	1		44,303.36	100	44,303.36
P3-091	EC45	Receive C4, Prep& Instl Cladding	28MAR06A	32*	10MAY06	1	121	27,282.40	67	40,720.00
P1-121	EC45	Receive C5, Prep& Instl Cladding	11MAY06*	22*	12JUN06	1	121	0.00		40,720.00
P2-001	EC45	Receive A1, Prep& Instl Cladding	23JUN06	24	27JUL06	1	121	0.00		50,492.80
P3-001	EC45	Receive A2, Prep& Instl Cladding	09AUG06	21	07SEP06	1	121	0.00		40,720.00
P3-031	EC45	Receive A3, Prep& Instl Cladding	20SEP06	11	04OCT06	2	129	0.00		40,962.73
P1-031	EC45	Receive B1, Prep& Instl Cladding	05OCT06	12	20OCT06	2	136	0.00		51,596.40
P3-121	EC45	Receive A4, Prep& Instl Cladding	02NOV06	11	16NOV06	2	136	0.00		41,610.00
P2-121	EC45	Receive B2, Prep& Instl Cladding	13DEC06	11	04JAN07	2	136	0.00		41,610.00
P2-061	EC45	Receive B3, Prep& Instl Cladding	17JAN07	11	31JAN07	2	144	0.00		41,610.00
P2-151		Receive B4, Prep& Instl Cladding	16FEB07	11	02MAR07	2	141	0.00		31,623.60
P3-061		Receive B5, Prep& Instl Cladding	21MAR07	11	04APR07	2	145	0.00		24,882.78
P3-151		Receive B6, Prep& Instl Cladding	24APR07	11	08MAY07	2	140	0.00		24,882.78
P1-061		Receive A5, Prep& Instl Cladding	29MAY07	11	12JUN07	2	143	0.00		24,882.78
P1-151		Receive A6, Prep& Instl Cladding	02JUL07	11	17JUL07	2	138	0.00		24,882.78
P2-031		Receive C6, Prep& Instl Cladding	06AUG07	11	20AUG07	2	150	0.00		24,882.78
Station 2-Winding, Instl Chill Plates,Tubing,Bag										
P1-011		Wind coil C1>>@150%	25OCT05A	63*	27JAN06A	2		118,006.56	100	118,006.56
P1-011J		Complete Winding First Modular Coil		0	19DEC05A	2		0.00	100	0.00
P1-020		Instl Chill Plates,Tubing, Bag C1>>@150%	31JAN06A	24*	03MAR06A	2		41,371.52	100	41,371.52
P2-101		Wind coil C-3	31MAR06A	32*	15MAY06	2	137	86,119.54	74	116,377.76
P2-110	EC45	Instl Chill Plates,Tubing,Bag C3	16MAY06	18	09JUN06	2	137	0.00		48,619.68
P1-131	EC45	Wind coil C5	13JUN06	31	26JUL06	2	136	0.00		99,519.68
P1-140	EC45	Instl Chl Plates,Tubing, Bag C5	27JUL06	15	16AUG06	2	136	0.00		48,619.68
P3-011	EC45	Wind coil A2	08SEP06	31	20OCT06	2	121	0.00		104,111.13
P3-020	EC45	Instl Chill Plates,Tubing, Bag A2	23OCT06	15	10NOV06	2	121	0.00		49,682.34
P1-041	EC45	Wind coil B1	13NOV06	31	04JAN07	2	121	0.00		105,273.30
P1-050		Instl Chl Plates,Tubing, Bag B1	05JAN07	15	25JAN07	2	121	0.00		35,618.16
P2-041JOUL		JOULE FY07 Cmplt winding one-half modular coils		0	04JAN07	2	121	0.00		0.00
P1-071		Wind coil B2	26JAN07	31	09MAR07	2	121	0.00		101,195.52
P1-080		Instl Chl Plates,Tubing,Bag B2	12MAR07	15	30MAR07	2	121	0.00		35,618.16
P2-161		Wind coil B4	02APR07	31	14MAY07	2	121	0.00		101,195.52
P2-170		Instl Chill Plates,Tubing,Bag B4	15MAY07	15	05JUN07	2	121	0.00		35,618.16
P3-161		Wind coil B6	06JUN07	31	19JUL07	2	121	0.00		101,195.52
P3-170		Instl Chill Plates,Tubing,Bag B6	20JUL07	15	09AUG07	2	121	0.00		35,618.16
P1-161		Wind coil A6	10AUG07	31	24SEP07	2	121	0.00		101,195.52
P1-170		Instl Chill Plates,Tubing,Bag A6	25SEP07	15	15OCT07	2	121	0.00		36,151.50
Station 4-Winding, Instl Chill Plates,Tubing,Bag										
P1-101		Wind coil C-2>>@125%	27JAN06A	46*	31MAR06A	2		116,377.76	100	116,377.76
P1-110	EC45	Instl Chill Plates,Tubing,Bag C2	01APR06A	26*	08MAY06	2	120	35,006.17	72	48,619.68



Run Date **08JUN06 12:31**

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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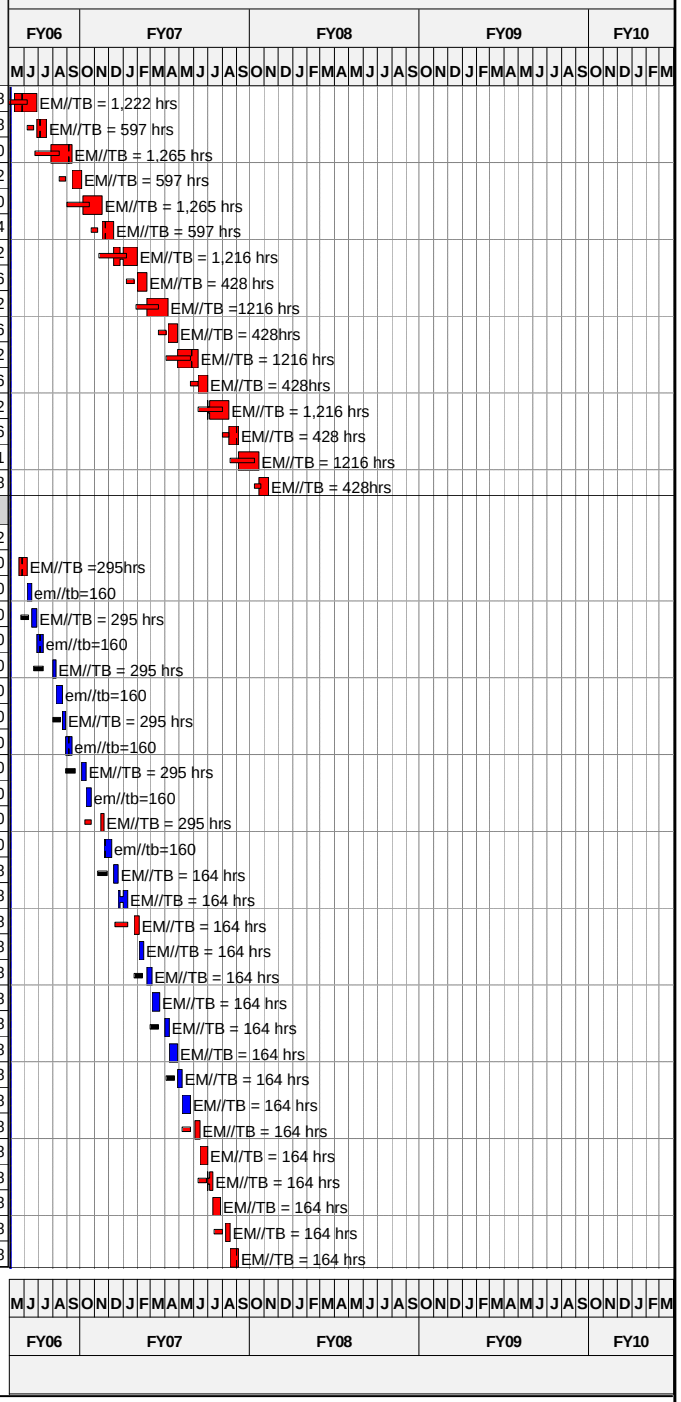
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
P3-101	EC45	Wind coil C4 incl cladding on c4 only	11MAY06	34	28JUN06	2	136	0.00		99,519.68
P3-110	EC45	Instl Chill Plates,Tubing, Bag C4	29JUN06	15	20JUL06	2	136	0.00		48,619.68
P2-011	EC45	Wind coil A1	28JUL06	31	11SEP06	2	131	0.00		103,021.60
P2-020	EC45	Instl Chill Plates,Tubing, Bag A1	12SEP06	15	02OCT06	2	131	0.00		48,690.52
P3-041	EC45	Wind coil A3	05OCT06	31	16NOV06	2	129	0.00		105,273.30
P3-050	EC45	Instl Chl Plates,Tubing, Bag A3	17NOV06	15	11DEC06	2	129	0.00		49,682.34
P3-131		Wind coil A4	12DEC06	31	31JAN07	2	129	0.00		101,195.52
P3-140		Instl Chl Plates,Tubing, Bag A4	01FEB07	15	21FEB07	2	129	0.00		35,618.16
P2-071		Wind coil B3	22FEB07	31	05APR07	2	129	0.00		101,195.52
P2-080		Instl Chill Plates,Tubing,Bag B3	06APR07	15	26APR07	2	129	0.00		35,618.16
P3-071		Wind coil B5	27APR07	31	11JUN07	2	129	0.00		101,195.52
P3-080		Instl Chill Plates,Tubing,Bag B5	12JUN07	15	02JUL07	2	129	0.00		35,618.16
P2-131		Wind coil A5	03JUL07	31	15AUG07	2	129	0.00		101,195.52
P2-140		Instl Chl Plates,Tubing, Bag A5	16AUG07	15	06SEP07	2	129	0.00		35,618.16
P2-041		Wind coil C6	07SEP07	31	19OCT07	2	138	0.00		102,513.51
P2-050		Instl Chl Plates,Tubing, Bag C6	22OCT07	15	09NOV07	2	138	0.00		36,576.88
Station 5-VPI										
P1-021V		VPI (Station 5) C1	06MAR06A	6*	13MAR06A	2		26,712.32	100	26,712.32
P1-111V	EC45	VPI (Station 5) C2	22MAY06*	11*	06JUN06	2	125	0.00		24,024.80
P1-111VCU	EC45	Post VPI Cleanup	07JUN06	8	16JUN06	1	142	0.00		13,030.40
P2-111V	EC45	VPI (Station 5) C3	19JUN06	7	27JUN06	2	142	0.00		24,024.80
P2-111VCU	EC45	Post VPI Cleanup	28JUN06	8	10JUL06	1	164	0.00		13,030.40
P3-111V	EC45	VPI (Station 5) C4	01AUG06*	7	09AUG06	2	149	0.00		24,024.80
P3-111VCU	EC45	Post VPI Cleanup	10AUG06	8	21AUG06	1	169	0.00		13,030.40
P1-141V	EC45	VPI (Station 5) C5	22AUG06	7	30AUG06	2	169	0.00		24,024.80
P1-141VCU	EC45	Post VPI Cleanup	31AUG06	8	12SEP06	1	169	0.00		13,030.40
P2-021V	EC45	VPI (Station 5) A1	03OCT06	7	11OCT06	2	155	0.00		24,549.90
P2-021VCU	EC45	Post VPI Cleanup	12OCT06	8	23OCT06	1	155	0.00		13,315.20
P3-021V	EC45	VPI (Station 5) A2	13NOV06	7	21NOV06	2	141	0.00		24,549.90
P3-021VCU	EC45	Post VPI Cleanup	22NOV06	8	05DEC06	1	153	0.00		13,315.20
P3-051V		VPI (Station 5) A3	12DEC06	7	20DEC06	2	149	0.00		13,648.08
P3-051VCU		Post VPI Cleanup	21DEC06	8	09JAN07	1	153	0.00		13,648.08
P1-051V		VPI (Station 5) B1	26JAN07	7	05FEB07	2	141	0.00		13,648.08
P1-051VCU		Post VPI Cleanup	06FEB07	8	15FEB07	1	157	0.00		13,648.08
P3-141V		VPI (Station 5) A4	22FEB07	7	02MAR07	2	153	0.00		13,648.08
P3-141VCU		Post VPI Cleanup	05MAR07	12	20MAR07	1	153	0.00		13,648.08
P2-141V		VPI (Station 5) B2	02APR07	7	10APR07	2	145	0.00		13,648.08
P2-141VCU		Post VPI Cleanup	11APR07	12	26APR07	1	145	0.00		13,648.08
P2-081V		VPI (Station 5) B3	27APR07	7	07MAY07	2	145	0.00		13,648.08
P2-081VCU		Post VPI Cleanup	08MAY07	12	23MAY07	1	145	0.00		13,648.08
P3-081V		VPI (Station 5) B4	06JUN07	7	14JUN07	2	137	0.00		13,648.08
P3-081VCU		Post VPI Cleanup	15JUN07	12	02JUL07	1	137	0.00		13,648.08
P2-171V		VPI (Station 5) B5	03JUL07	7	12JUL07	2	137	0.00		13,648.08
P2-171VCU		Post VPI Cleanup	13JUL07	12	30JUL07	1	137	0.00		13,648.08
P3-171V		VPI (Station 5) B6	10AUG07	7	20AUG07	2	129	0.00		13,648.08
P3-171VCU		Post VPI Cleanup	21AUG07	12	06SEP07	1	129	0.00		13,648.08



Run Date **08JUN06 12:31**

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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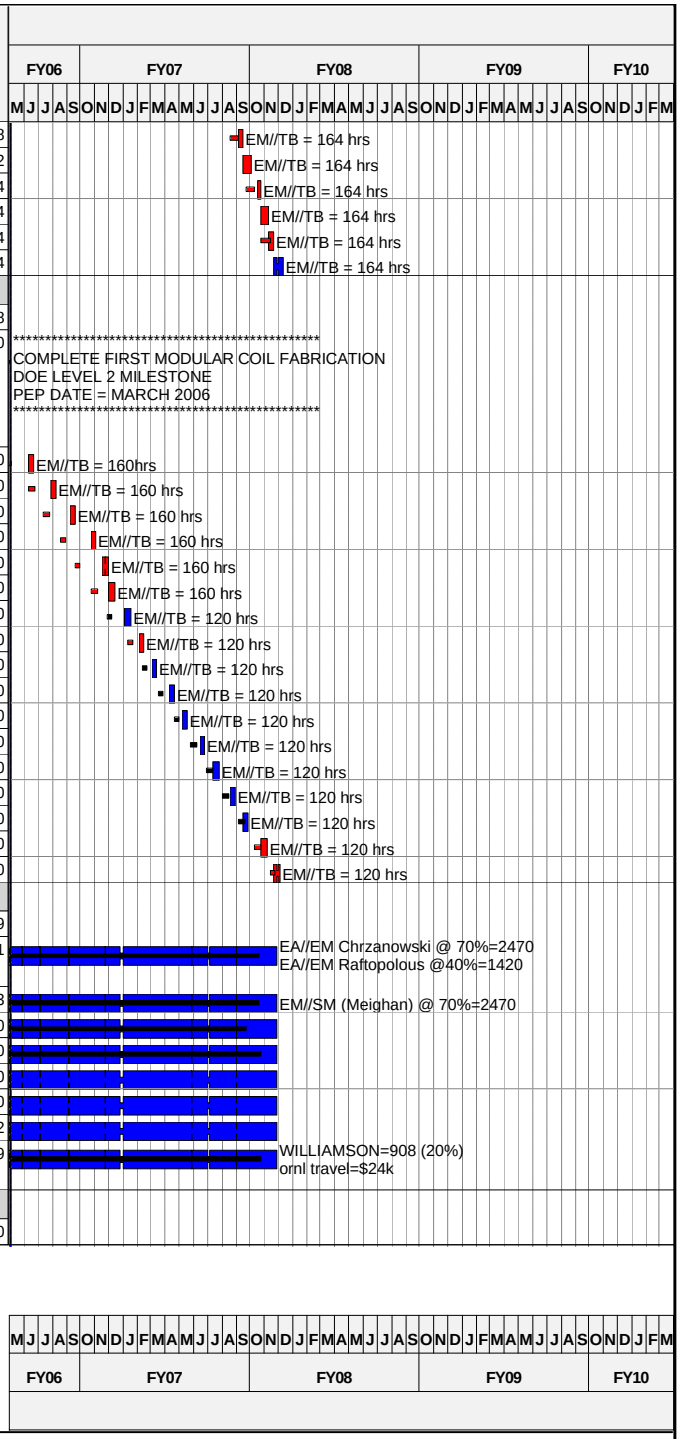
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
P1-081V		VPI (Station 5) A5	07SEP07	7	17SEP07	2	129	0.00		13,648.08
P1-081VCU		Post VPI Cleanup	18SEP07	12	03OCT07	1	129	0.00		13,739.92
P1-171V		VPI (Station 5) A6	16OCT07	7	24OCT07	2	121	0.00		14,015.44
P1-171VCU		Post VPI Cleanup	25OCT07	12	09NOV07	1	138	0.00		14,015.44
P2-051V		VPI (Station 5) C6	12NOV07	7	20NOV07	2	138	0.00		14,015.44
P2-051VCU		Post VPI Cleanup	21NOV07	12	10DEC07	1	451	0.00		14,015.44
Station 1B Final Clamp Installation										
P1-021C		Final Clamps & Warm Test (Station1) C1	14MAR06A	5*	28MAR06A	1		12,378.88	100	12,378.88
P1-021.1		Complete First Mod Coil Fabrication C1		0	28MAR06A	1		0.00		0.00
P1-111C	EC45	Final Clamps & Warm Test (Station1) C2	13JUN06	8	22JUN06	1	121	0.00		13,030.40
P2-111C	EC45	Final Clamps & Warm Test (Station1) C3	28JUL06	8	08AUG06	1	121	0.00		13,030.40
P3-111C	EC45	Final Clamps & Warm Test (Station1) C4	08SEP06	8	19SEP06	1	129	0.00		13,030.40
P1-141C	EC45	Final Clamps & Warm Test (Station1) C5	23OCT06	8	01NOV06	1	136	0.00		13,315.20
P2-021C	EC45	Final Clamps & Warm Test (Station1) A1	17NOV06	8	30NOV06	1	136	0.00		13,315.20
P3-021C	EC45	Final Clamps & Warm Test (Station1) A2	01DEC06	8	12DEC06	1	136	0.00		13,315.20
P3-051C		Final Clamps & Warm Test (Station1) A3	05JAN07	8	16JAN07	1	144	0.00		9,986.40
P1-051C		Final Clamps & Warm Test (Station1) B1	06FEB07	8	15FEB07	1	141	0.00		9,986.40
P3-141C		Final Clamps & Warm Test (Station1) A4	05MAR07	8	14MAR07	1	232	0.00		9,986.40
P2-141C		Final Clamps & Warm Test (Station1) B2	11APR07	8	20APR07	1	154	0.00		9,986.40
P2-081C		Final Clamps & Warm Test (Station1) B3	08MAY07	8	17MAY07	1	202	0.00		9,986.40
P3-081C		Final Clamps & Warm Test (Station1) B4	15JUN07	8	26JUN07	1	175	0.00		9,986.40
P3-171C		Final Clamps & Warm Test (Station1) B5	13JUL07	8	24JUL07	1	210	0.00		9,986.40
P2-171C		Final Clamps & Warm Test (Station1) B6	21AUG07	8	30AUG07	1	183	0.00		9,986.40
P1-081C		Final Clamps & Warm Test (Station1) A5	18SEP07	8	27SEP07	1	148	0.00		9,986.40
P1-171C		Final Clamps & Warm Test (Station1) A6	25OCT07	8	05NOV07	1	121	0.00		10,255.20
P2-051C		Final Clamps & Warm Test (Station1) C6	21NOV07	8	04DEC07	1	138	0.00		10,255.20
LOE Oversight & Supervision										
171-000		Winding Preparations (LOE) FY05	01AUG05A	49*	30SEP05A			53,382.29		53,382.29
171-040	EC45	Winding Oversight (LOE)	10OCT05A	534*	26NOV07		459	176,443.79	LOE	686,551.71
171-041	EC45	Tech Supervision	10OCT05A	534*	26NOV07		459	82,516.90	LOE	321,077.43
SSD-ST2	EC45	Second shift cost differential	25OCT05A	523*	26NOV07		459	7,712.00	LOE	77,500.00
SSD-ST3	EC45	Second shift cost differential	27JAN06A	463*	26NOV07		459	4,690.04	LOE	77,500.00
SSD-ST4	EC45	Planned overtime (due to 10hr 1shift)	03APR06A	417*	26NOV07		459	5,806.08	LOE	120,960.00
SSD-ST4.1	EC4X	Unplanned overtime and rework	03APR06A	417*	26NOV07		459	5,806.08	LOE	120,960.00
SSD-ST5	EC4X	Misc tech shop support	01MAY06*	397*	26NOV07		459	0.00	LOE	189,175.22
TITLE3W		Titel III Design ORNL- Component Fab & WINDING	10OCT05A	534*	26NOV07		459	50,490.14	LOE	196,459.69
FY05CV-25		FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			81,000.00		81,000.00



Run Date **08JUN06 12:31**

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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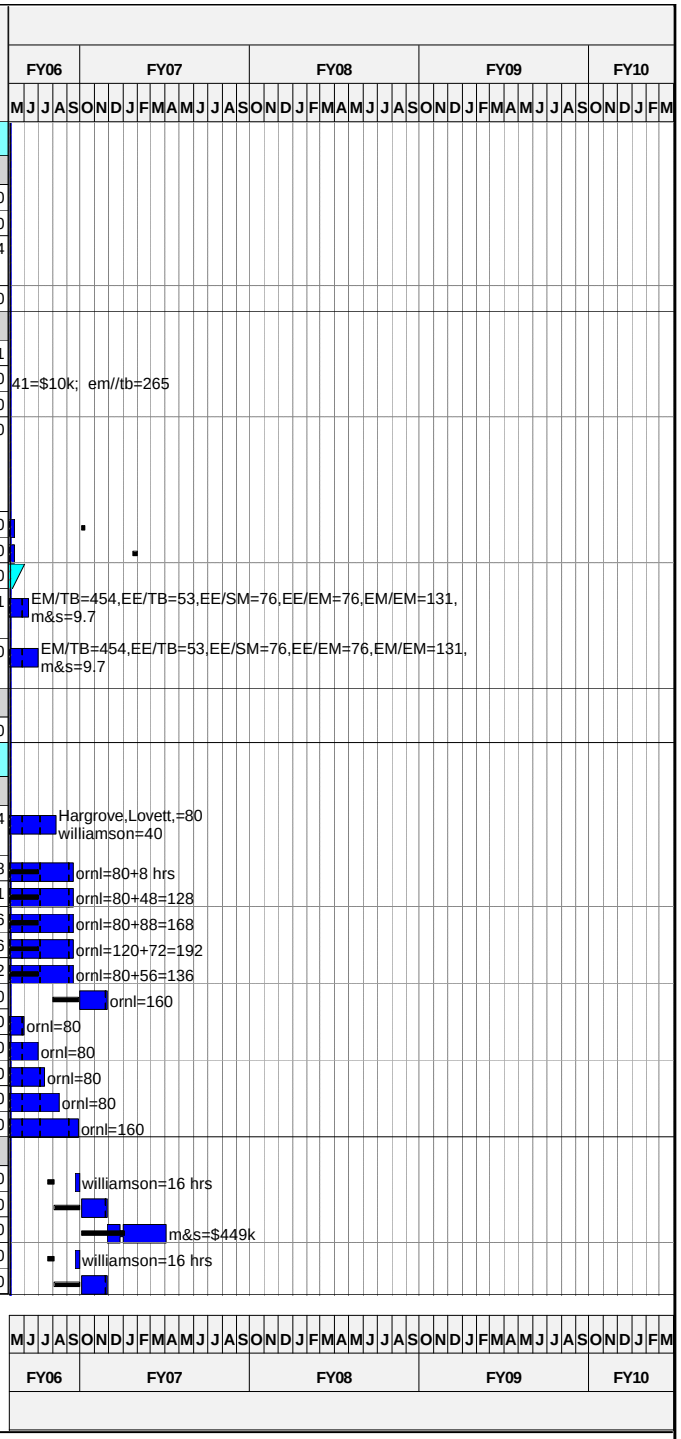
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
Job: 1414 Coil Testing-Gettelfinger										
Twisted Racetrack Hardware Fabrication										
1409-141		Modify Cryostat for TRC	01APR05A	*107**	31AUG05A			11,923.20	100	11,923.20
1406-020	X	Begin Testing of Twisted RT in Coil test Stand	31AUG05A	*0*				0.00	100	0.00
1406-021		Test Coil	10AUG05A	*37**	30SEP05A			30,844.24	100	30,844.24
1406-023	X	Hi-pot & Dissect Coil	03OCT05A	*0**	31OCT05A			26,060.80	100	26,060.80
Production Modular Coils										
1409-130	X	Production Cryostat Design	26SEP05A	*26**	31OCT05A			6,839.71	100	6,839.71
1409-135		Production Cryostat Fabr & Install	31JAN06A	*71**	28APR06A			35,291.60	100	35,291.60
1409-136	X	Valve/pump repairs&safety mods to cryo pp sys	01DEC05A	*38**	31JAN06A			23,871.20	100	23,871.20
162-100		Kickless cable testing	01FEB06A	*11**	08MAR06A			0.00	100	0.00
P2-021	EC45	Test Coil (Coil Test Stand) A1**SCOPE DELETED**	01MAY06	*7*	09MAY06		***849***	0.00		0.00
P1-051	EC45	Test Coil (Coil Test Stand) B1**SCOPE DELETED**	01MAY06	*7*	09MAY06		***849***	0.00		0.00
1409-199		ACC review		*0*	28APR06*		***827***	0.00		0.00
P1-021	EC45	Set-up and Test Coil C1	01APR06A	*49**	09JUN06		***827***	40,543.52		99,371.41
P1-021.2	EC4X	Test Coil C1 etc	01MAY06*	*44**	30JUN06		***812***	0.00		148,631.10
FY05CV-19		FY05 unrecoverable cost variance	01OCT04A	*251*	30SEP05A			88,000.00		88,000.00
Job: 1421-Mod Coil Interface Hardware-WILLIAMSON										
Coil-to-coil Interface Design										
1403-11.1	EC45	Describe interfaces as part of coil FDR's	01NOV04A	*441**	07AUG06		***787***	34,943.03	90	39,257.84
1403-16	EC45	Assembly bolts, nuts,washers	01OCT04A	*454**	15SEP06		***147***	13,955.55	60	21,107.48
1403-17	EC45	Assembly shims	01OCT04A	*454**	15SEP06		***147***	17,822.57	60	27,552.51
1403-18	EC45	Eccentric ball assembly	08NOV04A	*428**	15SEP06		***759***	21,649.55	60	34,076.06
1403-19	EC45	Top assembly dwgs for mod coil shell	01OCT04A	*454**	15SEP06		***759***	24,009.80	60	37,864.56
1403-19A	EC45	Bladder Details	01JUL05A	*268**	15SEP06		***147***	9,035.64	20	29,602.52
1403-20		3 coil assembly specification	29SEP06*	*40*	27NOV06		***232***	0.00		27,491.20
1421-10	EC45	add'l analysis of coil to coil joints/friction	01MAY06	*22**	31MAY06		***834***	0.00		13,496.00
1421-15	EC45	develop design fix for issue	01MAY06	*44**	30JUN06		***812***	0.00		13,496.00
1421-20	EC45	rework type A,B,C design as req'd	01MAY06	*53**	14JUL06		***803***	0.00		13,496.00
1421-25	EC45	detailed design of add'l hardware	01MAY06	*75**	15AUG06		***781***	0.00		13,496.00
1421-30	EC45	check and promote 6 coil dwgs	01MAY06	*103**	25SEP06		***753***	0.00		26,992.00
1421-100		Submet Requisition for - Assy bolts,nuts,washers	18SEP06*	*10*	29SEP06		***147***	0.00		2,699.20
1421-105		Procurement lead time for-Assy bolts,nuts,washer	02OCT06	*40*	28NOV06		***147***	0.00		0.00
1421-110		Deliver - Assy bolts,nuts,washers	29NOV06	*84*	03APR07		***147***	0.00		449,000.00
1421-200		Submet Requisition for - Assembly shims	18SEP06*	*10*	29SEP06		***147***	0.00		2,699.20
1421-205		Procurement lead time for - Assembly shims	02OCT06	*40*	28NOV06		***147***	0.00		0.00



Run Date **08JUN06 12:31**

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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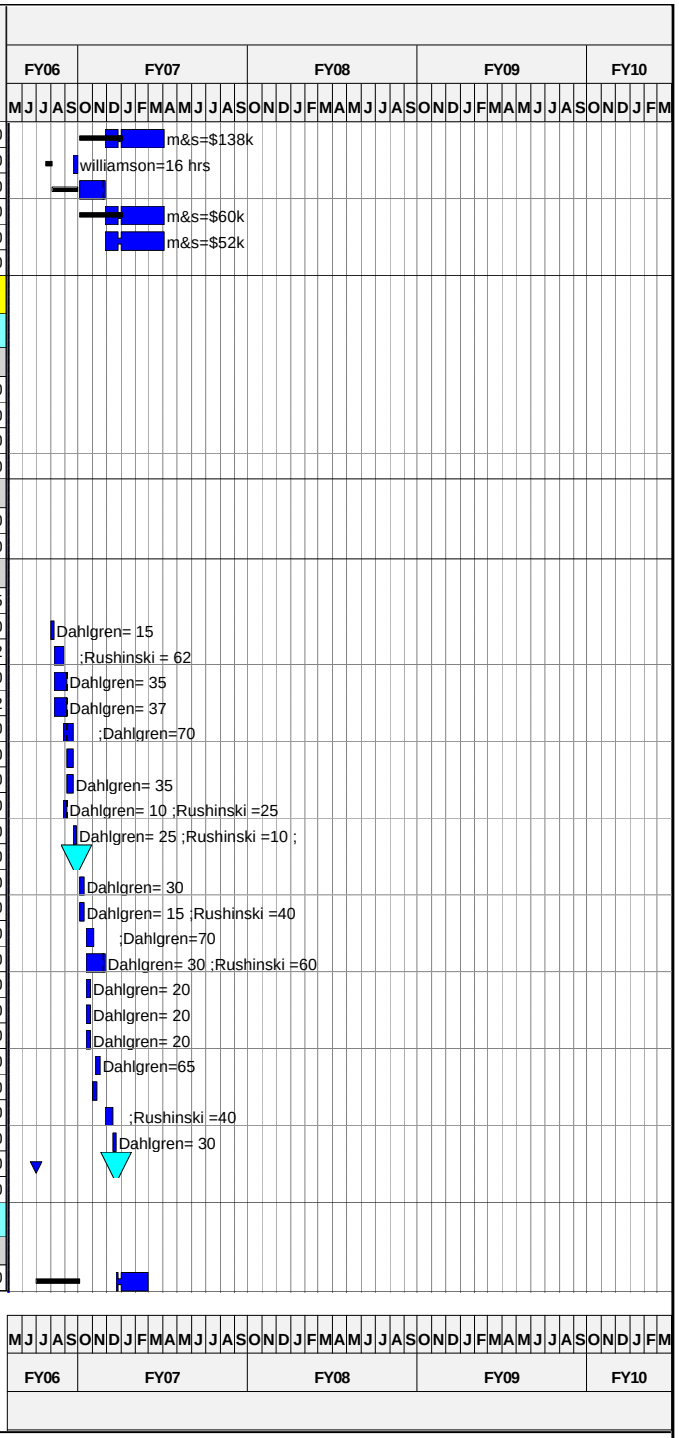
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
1421-210		Deliver - Assembly shims	29NOV06	84	03APR07		147	0.00		138,000.00
1421-400		Submet Requisition for - Bladders	18SEP06*	10	29SEP06		147	0.00		2,699.20
1421-405		Procurement lead time for - Bladders	02OCT06	40	28NOV06		147	0.00		0.00
1421-410		Deliver - Bladders	29NOV06	84	03APR07		147	0.00		60,000.00
1421-411	EC45	Deliverhardware for inboard joint friciton	29NOV06	84	03APR07		625	0.00		52,000.00
FY06CV-111	EC45	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			-89,310.00	100	-89,310.00
15 - Structures										
Job: 1501 - Structures Design- DAHLGREN										
PDR/PBR Task List										
1501-105		Project PDR	07OCT03A	1	07OCT03A			0.00	100	0.00
1501-109		Prepare FY 04 WP/WAF	31OCT03A	20	31OCT03A			12,360.00	100	12,360.00
1501-113		Prepare PBR documentation	04NOV03A	10	18NOV03A			6,180.00	100	6,180.00
1501-117		Performance baseline review		0	18NOV03A			0.00	100	0.00
Reqmnts,Configuration, Interfaces and PDR										
1501-125		Update drawings & models based on vendor recomm	21OCT03A	30	26NOV03A			10,660.50	100	10,660.50
1501-133		Prepare a "scope sheet" which defines all interf	03NOV03A	124	30SEP04A			5,407.50	LOE	5,407.50
1501-001		Prelim Design Structures	01JUL05A	110*	30SEP05A			45,443.75	100	45,443.75
1501-201		Write ICD's	01AUG06	5	07AUG06		160	0.00		2,610.90
1501-205		Update Design/models	08AUG06	15	28AUG06		160	0.00		10,791.72
1501-209		Prepare SRD	08AUG06	20	05SEP06		160	0.00		6,092.10
1501-213		Approve ICD's	08AUG06	20	05SEP06		170	0.00		6,440.22
1501-217		Update stress analysis	29AUG06	15	19SEP06		160	0.00		12,184.20
1501-221		approve SRD	06SEP06	10	19SEP06		160	0.00		0.00
1501-225		Write prelim purchase spec	06SEP06	10	19SEP06		160	0.00		6,092.10
1501-229		Create Prelim Assemblies	29AUG06	5	05SEP06		170	0.00		6,092.10
1501-233		PDR Preparation	20SEP06	5	26SEP06		160	0.00		6,092.10
1501-PDR		PDR		0	26SEP06		160	0.00		0.00
1501-241		Write final purchase spec	02OCT06*	10	13OCT06		177	0.00		5,335.80
1501-246		Update Models	02OCT06*	10	13OCT06		157	0.00		9,782.30
1501-249		Update Analysis	16OCT06	15	03NOV06		172	0.00		12,450.20
1501-253		Prep Final Drawings	16OCT06	30	28NOV06		157	0.00		16,007.40
1501-257		Detailed Hardware Analysis	16OCT06	10	27OCT06		177	0.00		3,557.20
1501-261		Write Statement of work	16OCT06	10	27OCT06		177	0.00		3,557.20
1501-265		Approve Purchase Spec	16OCT06	10	27OCT06		187	0.00		3,557.20
1501-269		Check Analysis	06NOV06	10	17NOV06		172	0.00		11,560.90
1501-273		Approve SOW	30OCT06	10	10NOV06		177	0.00		0.00
1501-277		Prep Assy Dwgs	29NOV06	10	12DEC06		157	0.00		7,114.40
1501-281		Prep for FDR	13DEC06	5	19DEC06		157	0.00		5,335.80
1501-FDR		FDR		0	19DEC06		157	0.00		0.00
FY06CV-113	EC45	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			2,350.00	100	2,350.00
Job:1550 - Structures Procurement -DAHLGREN										
1501-245		Prep Spec,Solicit Bids, and Evaluate Bids	20DEC06	43	26FEB07		157	0.00		0.00



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Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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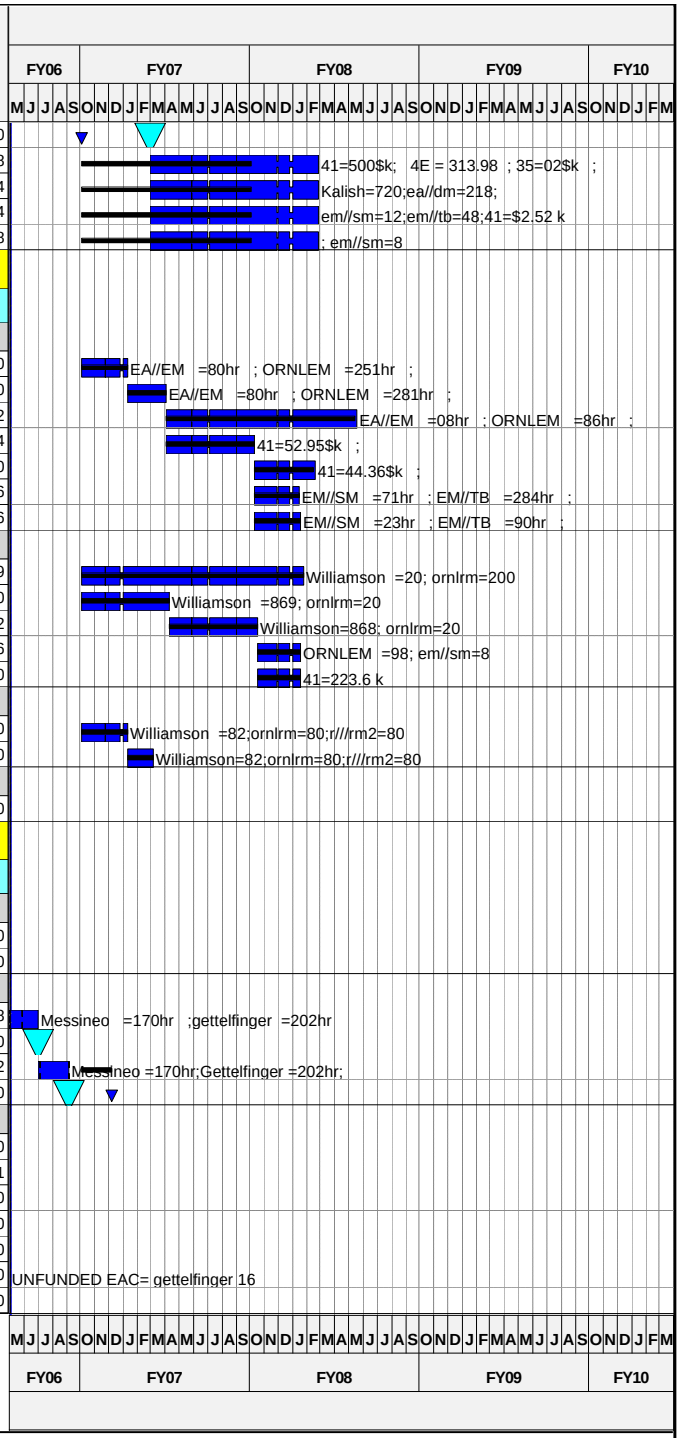
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
162-036.9		Award Coil Support Structure		0	26FEB07*		157	0.00		0.00
162-037		Award Coil suprt &base struct as one Procurement	27FEB07	249	26FEB08		157	0.00		1,009,730.08
162-031		Title III engr WBS 151	27FEB07	249	26FEB08		402	0.00		155,492.74
153.037		WBS 153 Support Structure I&C Procurement/Fab	27FEB07*	249	26FEB08		402	0.00		9,114.14
153.015		Title III design WBS 153 locall&C	27FEB07*	249	26FEB08		402	0.00		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	02OCT06*	65	10JAN07		294	0.00		57,375.70
191-011		Title II design WBS 161 LN2 manifolds&piping	11JAN07	60	04APR07		294	0.00		114,923.30
191-031		Title III engr WBS 161	05APR07	280	16MAY08		344	0.00		16,567.82
191-037		Procurement WBS 161	05APR07	130	08OCT07		294	0.00		72,677.54
191-038		PDR#17	09OCT07*	86	18FEB08		408	0.00		62,325.80
191-041		LN2 Manifolds & ppg Fab/assy/instl WBS 161	09OCT07*	62	15JAN08		294	0.00		33,821.56
191-042		PDR #17,25,3	09OCT07*	65	18JAN08		429	0.00		10,785.36
162 - Electrical Leads										
132-000		PDR #17 & 25	02OCT06	325	25JAN08		424	0.00		41,396.19
132-001		Title I design WBS 162 Coil leads	02OCT06*	130	11APR07		291	0.00		153,159.10
132-011		Title II design WBS 162 Coil leads	12APR07	130	15OCT07		291	0.00		153,686.42
132-015		Title III design WBS 162 Coil leads	16OCT07*	60	18JAN08		429	0.00		18,618.16
132-037		Coil Leads Procurement WBS 162	16OCT07*	60	18JAN08		291	0.00		314,186.10
163 - Coil Protection System										
163.001		Title I design WBS 163 Coil protection	02OCT06*	65	10JAN07		644	0.00		42,744.60
163.011		Title II design WBS 163 Coil protection	11JAN07	40	07MAR07		644	0.00		42,744.60
FY06CV-114	EC45	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			2,790.00	100	2,790.00
17 - Cryostat and Base Support Structure										
Job:1701-Cryost&Base Sprt Strct Dsn-GETTLEFINGER										
Prior Costs										
1701-001		Apr-Sept MIE Costs PPPL	01APR03A	54	30SEP03A			12,180.00	100	12,180.00
FY05CV-27		FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			178,000.00		178,000.00
Base Support										
161-001		Revise Preliminary Design for new supt locations	01APR04A	563*	30JUN06		366	46,258.45	90	51,398.28
151-003		Base Support Struct PDR		0	30JUN06*		366	0.00		0.00
161-011		Final Design Base Support Structure WBS 172	03JUL06	45	05SEP06		366	0.00		64,639.22
172-199		Base Support Structure FDR		0	05SEP06		366	0.00		0.00
Cryostat										
151-000		Adv Concep Design Cryostat shell & struct	01DEC03A	103*	31MAR04A			6,000.00	100	6,000.00
151-001		Title I design WBS 171 cryostat	01APR04A	270*	29APR05A			125,850.61	100	125,850.61
151-002		Cryostat PDR		0	29APR05A			0.00	100	0.00
171-100		Investigate Alt Cryostat Architecture	01DEC05A	38*	31JAN06A			0.00	100	0.00
171-101		Finalize cryostat penetrations for VV	03JAN06A	0*	31JAN06A			0.00	100	0.00
171-102		Select gas-filled insulation-all svcs	03JAN06A	84*				0.00	95	0.00
171-103		Finalize cryo midplane arch	03JAN06A	20*	31JAN06A			0.00	100	0.00



Run Date **08JUN06 12:31**

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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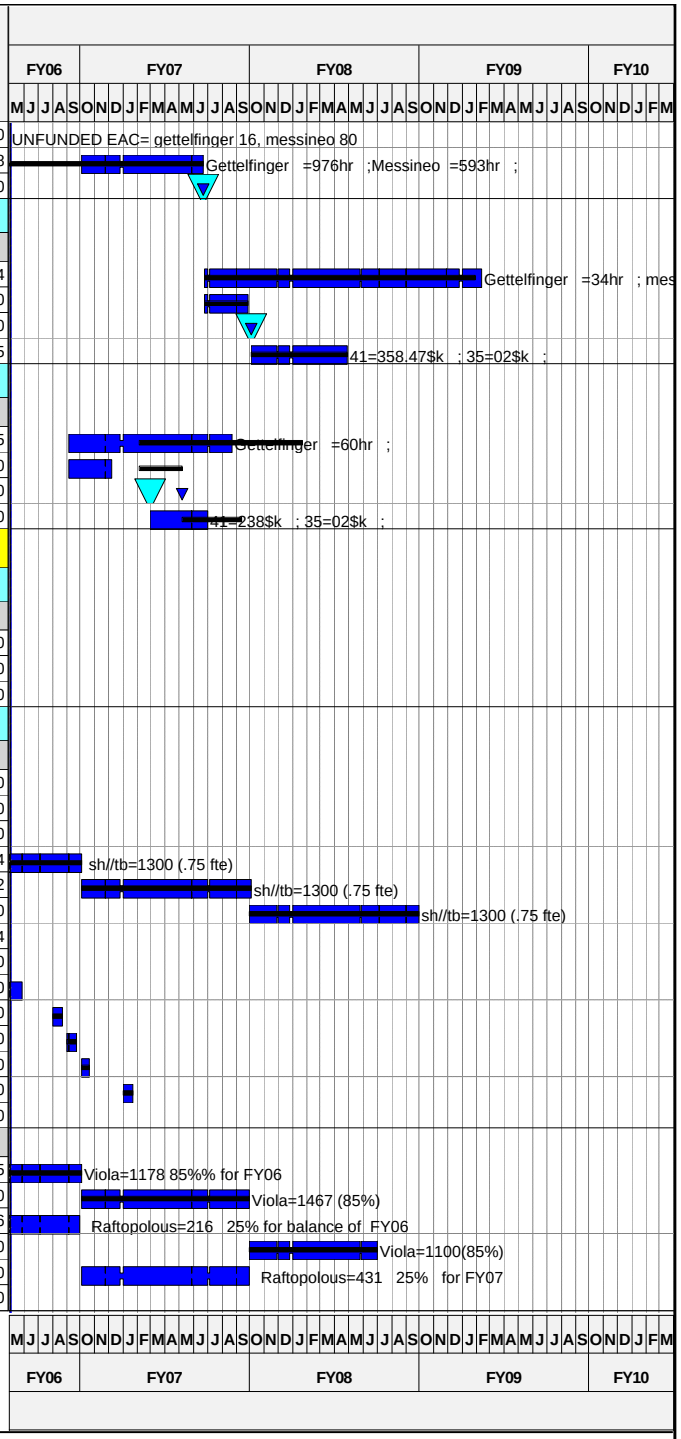
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
171-104		Plan WBS 16 interface	22FEB06A	48*				0.00	5	0.00
151-011		Final Design Cryostat WBS 171	02OCT06*	181*	22JUN07		163	0.00		243,232.28
171-199		Cryostat FDR		0	22JUN07		163	0.00		0.00
Job: 1751 - Cryostat Procurement										
171 - Cryostat										
151-031		Title III engr	25JUN07	405	11FEB09		163	0.00		33,266.14
151-036.8		Prep Spec, Solicit bids, and Select Vendor	25JUN07	65	25SEP07		163	0.00		0.00
151-036.9		Award Cryostat Procurement		0	01OCT07*		230	0.00		0.00
151-037		Cryostat Procurement [A/1]	02OCT07	141	28APR08		230	0.00		507,236.35
Job: 1752 - Base Support Structure Procurement										
172 - Base Support Structure										
161-031		Title III engr WBS 172	06SEP06	240	21AUG07		527	0.00		10,620.95
161-036.8		Prep Spec, Solicit bids, and Select Vendor	06SEP06	65	07DEC06		366	0.00		0.00
161-036.9		Award Mach Base&Coil struct as one Procurement		0	26FEB07		315	0.00		0.00
161-037		Machine Base&supports Procurement [A/1]	27FEB07	90	03JUL07		315	0.00		220,272.00
18 - Field Period Assembly										
Job: 1801-Field Period Assly -CHRZANOWSKI (ORNL)										
Prior Costs										
1801-001		Apr-Sept MIE Costs PPPL	01APR03A	42	30SEP03A			7,750.00	100	7,750.00
1801-002		Apr-Sept MIE Costs ORNL	01APR03A	42	30SEP03A			53,050.00	100	53,050.00
FY06CV-130	EC45	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			3,890.00	100	3,890.00
Job: 1802 - FP Assy Oversight&Support-VIOLA										
Oversight and Supervision										
181.200		HP Coverage in the TFTR TC LOE FY04	02FEB04A	171*	30SEP04A			61,119.60	LOE	61,119.60
181.201		D-Site Shift Supervisor LOE FY04	01JUL04A	64*	30SEP04A			25,920.40	LOE	25,920.40
181.210		HP Coverage in the TFTR TC LOE FY05	01OCT04A	249*	30SEP05A			136,539.00	LOE	136,539.00
181.222		HP Coverage in the TFTR TC LOE FY06	01OCT05A	250*	02OCT06		748	83,682.78	LOE	147,328.84
181.220		HP Coverage in the TFTR TC LOE FY07	02OCT06*	250*	01OCT07		499	0.00		150,543.22
181.221		HP Coverage in the TFTR TC LOE FY08	01OCT07*	250*	30SEP08		250	0.00		154,583.00
181.100		PPPL EM LOE FY04	13OCT03A	242*	30SEP04A			77,518.74	LOE	77,518.74
181.110		PPPL EM LOE FY05	01OCT04A	249*	30SEP05A			9,625.20	LOE	9,625.20
181.2A		Procedure for VV prep	01MAY06*	20	26MAY06		250	0.00		0.00
181.2B		Procedure for MC HP subassy	01AUG06*	15	21AUG06		299	0.00		0.00
181.2C		Procedure for MC instl on VV	01SEP06*	15	22SEP06		332	0.00		0.00
181.2D		Procedure for TF HP sub assy	02OCT06*	15	20OCT06		385	0.00		0.00
181.2E		Procedure for Final FP assy	02JAN07*	15	22JAN07		310	0.00		0.00
FY05CV-28		FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			57,000.00		57,000.00
181.120		PPPL EM LOE FY06	01DEC05A	209*	02OCT06		748	61,519.54	LOE	127,369.65
181.121		PPPL EM LOE FY07	02OCT06*	249*	28SEP07		500	0.00		260,099.10
181.120A	EC45	Metrology Engineering Supervision FY06	01MAY06*	107*	29SEP06		749	0.00		37,478.16
181.122		PPPL EM LOE FY08	01OCT07*	186*	30JUN08		314	0.00		200,288.00
181.120B	EC45	Metrology Engineering Supervision FY07	02OCT06*	249*	28SEP07		500	0.00		76,416.30
FY06CV-135	EC45	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			-14,280.00	100	-14,280.00



Run Date **08JUN06 12:31**

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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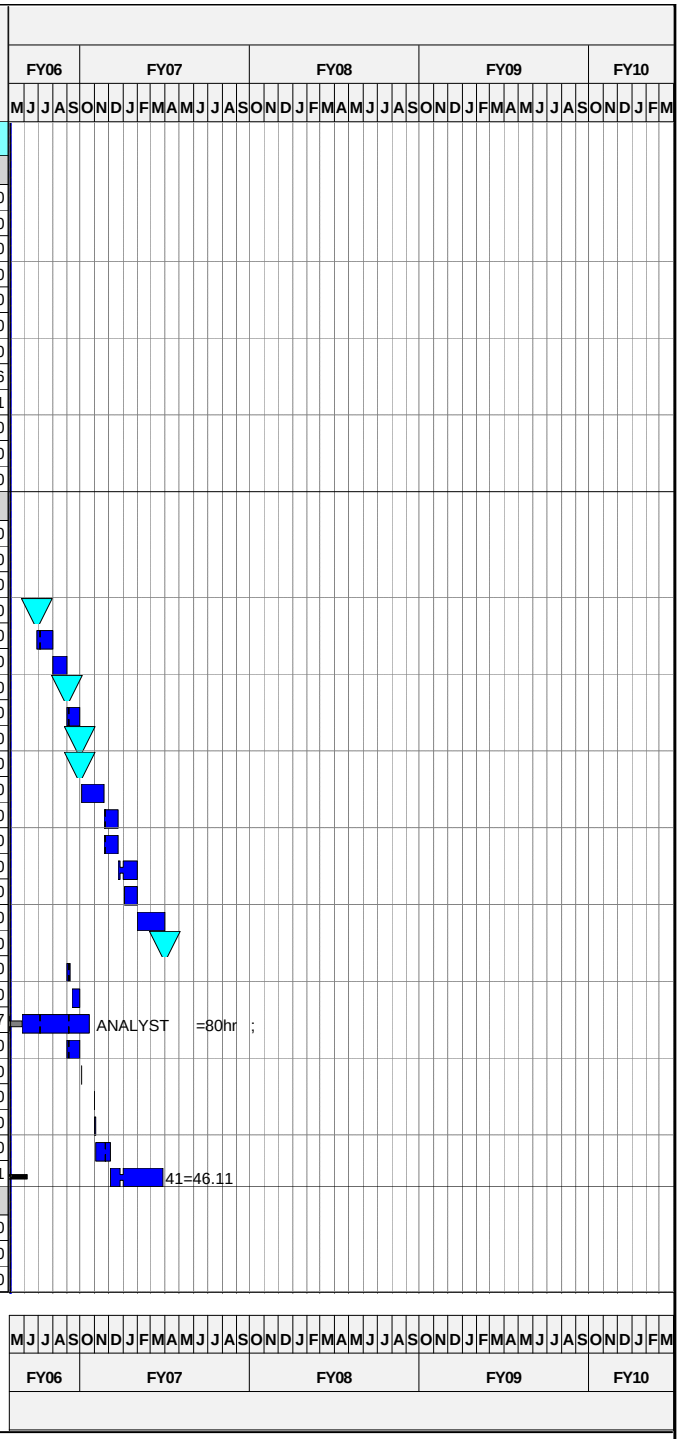
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
Job: 1803- FP Assy Toolg/Constructability-BROWN										
1.00-VV Prep Station										
1803-1.01		Concept definition and requirements	01FEB05A	10	28FEB05A			16,056.00	100	16,056.00
1803-1.02		VV Support Fixture - model design& drawing detai	01FEB05A	73	31MAY05A			13,604.00	100	13,604.00
1803-1.04		Metrology -sightline layout metrology support	13APR05A	18	31MAY05A			25,502.00	100	25,502.00
1803-1.05		Structural / Seismic Analysis check	01FEB05A	86*	31MAY05A			13,220.00	100	13,220.00
1803-1.06		Design review PDR VV Prep Station	01AUG05A	0*	10AUG05A			1,983.00	100	1,983.00
1803-1.09		Safety Review documentation / presentation	02SEP05A	10	15SEP05A			2,644.00	100	2,644.00
1803-1.061		Design review FDR VV Prep Station	16SEP05A	2	19SEP05A			1,983.00	100	1,983.00
1803-1.07		Design check and sign-off	20SEP05A	30*	31OCT05A			3,636.96	100	3,636.96
1803-1.10		Fab / Design Review - follow-up activities	20SEP05A	30*	31OCT05A			7,214.11	100	7,214.11
1803-1.08		Prep & Issue dwgs,and requisition	31OCT05A	5*	31OCT05A			0.00	100	0.00
1803-1.12		PPPL FAB - VV support Fixture (1st)	17OCT05A	77*	31JAN06A			23,307.00	100	23,307.00
1803-1.13		PPPL FAB - VV support Fixture (2nd)	16DEC05A	53*	31JAN06A			0.00	100	0.00
2.00-Half Period Assembly										
1803-2.01		Concept definition and requirements	03JAN05A	52*	28FEB05A			16,056.00	100	16,056.00
1803-2.02		MC Holding Fixture - model design and drawing	01FEB05A	79*	29APR05A			21,728.00	100	21,728.00
1803-2.04		Metrology - sightline layout design details metr	01AUG05A	77*	30SEP05A			15,209.60	100	15,209.60
S2MA-070	EC45	Decision to proceed w/magnetic alignment sys(MAS	30JUN06*	0			149	0.00		0.00
S2MA-075	EC45	Finalize design reqmnts	30JUN06	21	31JUL06		149	0.00		0.00
S2MA-080	EC45	Final design MAS	01AUG06	23	31AUG06		149	0.00		0.00
S2MA-085	EC45	FDR MAS system		0	31AUG06		149	0.00		0.00
S2MA-090	EC45	Bid & Award MAS components	01SEP06	20	29SEP06		149	0.00		0.00
S2MA-099	EC45	Award contract for MAS procurements		0	29SEP06		149	0.00		0.00
S2MA-100	EC45	Award contract for MAS procurements		0	29SEP06		149	0.00		0.00
S2MA-103	EC45	Fabricate/Receive system components	02OCT06	36	20NOV06		149	0.00		0.00
S2MA-105	EC45	Assemble MAS	21NOV06	20	20DEC06		149	0.00		0.00
S2MA-108	EC45	Prepare facility for initial tests	21NOV06	20	20DEC06		149	0.00		0.00
S2MA-110	EC45	Calibrate cylinder with loops using MAS	21DEC06	24	31JAN07		149	0.00		0.00
S2MA-115	EC45	Prepare Test Cell for using Mag Alignment Sys	04JAN07	20	31JAN07		149	0.00		0.00
S2MA-120	EC45	Prototype alignment method using 2 type-C coils	01FEB07	42	30MAR07		149	0.00		0.00
S2MA-125	EC45	Start Alignment and assembly of "6-pack" mod coil	02APR07	0			149	0.00		0.00
1803-2.055		Update concept definition and reqmnts	01SEP06*	5	08SEP06		157	0.00		0.00
1803-2.056		Right side HP support stand	11SEP06*	15	29SEP06		157	0.00	50	0.00
1803-2.05		Structural / Seismic Analysis	10APR06A	102	20OCT06		157	3,490.94	25	13,963.77
1803-2.072		Machine hole match plate & support	01SEP06*	20	29SEP06		152	0.00		0.00
1803-2.06		PDR Half Period Assy	02OCT06*	1	02OCT06		152	0.00		0.00
1803-2.061		FDR Half Period Assy	30OCT06*	1	30OCT06		152	0.00		0.00
1803-2.08A		Prep & Issue Spec,dwgs,and requisition	31OCT06	3	02NOV06		152	0.00		0.00
1803-2.08		Material Procurement Lead Time and Award	03NOV06	20	04DEC06		152	0.00		0.00
1803-2.11	EC45	Fab MC HP Assy Fixtures (1)	05DEC06*	75	27MAR07		152	0.00		63,216.81
3.00-MC Installation										
1803-3.01		Concept definition and requirements	25OCT04A	5	29OCT04A			6,610.00	100	6,610.00
1803-3.02		MC Turning Fixture and base - model design and d	15NOV04A	48*	31JAN05A			1,983.00	100	1,983.00
1803-3.03		MC Gantry Crane - model design and drawing detai	29NOV04A	40*	31JAN05A			14,265.00	100	14,265.00



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Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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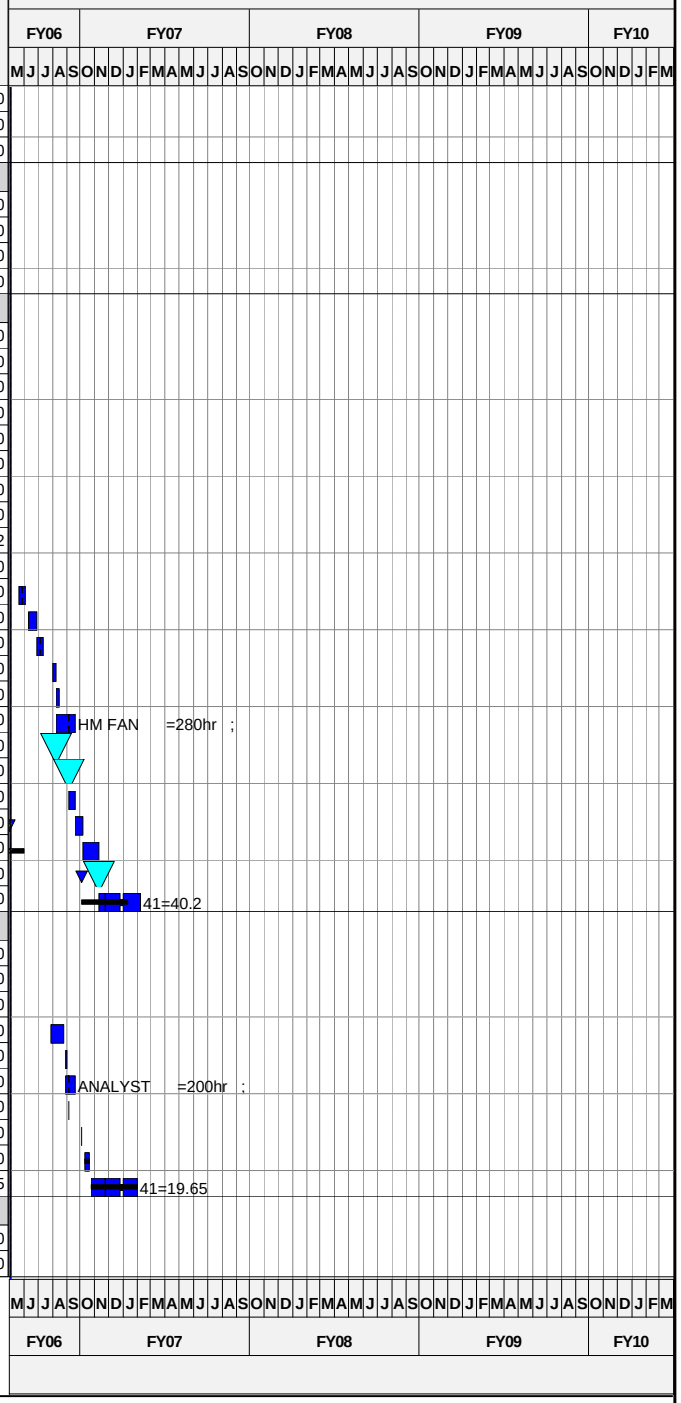
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
1803-3.04		VV support stand - model design and drawing deta	29NOV04A	104*	29APR05A			8,849.00	100	8,849.00
1803-3.05		Platform - design and drawing details	01FEB05A	7	29APR05A			9,179.50	100	9,179.50
1803-3.084		Industry Info Meeting	21FEB05A	1	21FEB05A			0.00	100	0.00
3.10 MC Turning Fixture-Industry Option										
1803-3.10A		Issue dwgs	02MAY05A	30	31MAY05A			20,243.80	100	20,243.80
180303.10A		Issue RFP		0	31MAY05A			0.00	100	0.00
1803-3.10C		Proposals Due		0	17JUN05A			0.00	100	0.00
1803-3.14		DECISION ON APPROACH		0	31AUG05A			0.00	100	0.00
3.20 MC Turning Fixture-Crane Option										
1803-3.30		Develop Crane Design Option	01MAY05A	6*	31MAY05A			0.00	100	0.00
1803-3.33		Design Equivalent Test Simulation Model	16MAY05A	33*	17JUN05A			6,416.80	100	6,416.80
1803-3.36		Design Test Track	20JUN05A	7	24JUN05A			6,416.80	100	6,416.80
1803-3.39		Fab Test Track	27JUN05A	24*	29JUL05A			56,326.60	100	56,326.60
1803-3.40		Site Prep	27JUN05A	5	30JUN05A			0.00	100	0.00
1803-3.43		Assembly of Test Article	29JUL05A	5	29JUL05A			11,923.20	100	11,923.20
1803-3.46		Metrology set-up	29JUL05A	5	29JUL05A			0.00	100	0.00
1803-3.49		Run Test	29JUL05A	3	29JUL05A			11,004.00	100	11,004.00
1803-3.50		Test Evaluation and Write up	31AUG05A	0*	31AUG05A			2,566.72	100	2,566.72
1803-3.52		DECISION ON APPROACH		0	31AUG05A			0.00	100	0.00
1803-3.15		MC Crane load support sys	22MAY06*	9	02JUN06		812	0.00	50	0.00
1803-3.60		Laser Screen Guide Mods	13JUN06*	10	26JUN06		806	0.00	50	0.00
1803-3.62		VV support stand and misc fixtures	27JUN06*	10	11JUL06		806	0.00	75	0.00
1803-3.64		Mechanical screw drive system	02AUG06*	5	08AUG06		781	0.00		0.00
1803-3.66		Metrology layout	09AUG06	5	15AUG06		781	0.00		0.00
1803-3.07	EC45	Structural analysis Analysis	09AUG06*	29	19SEP06		757	0.00		48,736.80
1803-3.15B		PDR Turning fixture & Base		0	09AUG06*		785	0.00		0.00
1803-3.15E		FDR Turning fixture & Base		0	06SEP06*		241	0.00		0.00
1803-3.07A		Issue drawing package	07SEP06*	10	20SEP06		241	0.00		0.00
1803-3.08A		Issue RFP	21SEP06	10	04OCT06		241	0.00		0.00
1803-3.08B		Recieve & Evaluate Bids	05OCT06	25	08NOV06		241	0.00		0.00
1803-3.15D		Award Fabrication Contract		0	08NOV06		241	0.00		0.00
1803-3.15C	EC45	Fab Crane Support & Laser screens	09NOV06	58	08FEB07		241	0.00		55,114.20
4.00-TF HP Assembly										
1803-4.01		Concept definition and requirements	01MAR05A	5	28MAR05A			10,704.00	100	10,704.00
1803-4.03		TF HP support turning fixture - model design d	01APR05A	15	30JUN05A			14,265.00	100	14,265.00
1803-5.002		TF Rotation Fixture plus dwgs start	02MAY05A	129*	30SEP05A			32,592.00	100	32,592.00
1803-4.06		TF support and rotation fixture	31JUL06*	20	25AUG06		333	0.00		0.00
1803-4.06A		Metrology layout	28AUG06*	5	01SEP06		342	0.00		0.00
1803-4.07	EC45	Structural Analysis	28AUG06*	15	18SEP06		333	0.00		34,812.00
1803-4.08		PDR Final FP Assy	05SEP06	1	05SEP06*		342	0.00		0.00
1803-4.081		FDR Final FP Assy	02OCT06	1	02OCT06*		324	0.00		0.00
1803-4.10A		Prep & Issue Spec,dwgs,and req-pltfrm&sprts	09OCT06*	10	20OCT06		320	0.00		0.00
1803-4.13	EC45	FAB-TF Support Stands (1)	23OCT06	65	31JAN07		320	0.00		26,940.15
5.00-Final FP Assembly										
1803-4.02		MC Support Stand - model design and drawing deta	01APR05A	89*	31MAY05A			14,265.00	100	14,265.00
1803-5.001		Concept definition and requirements	02MAY05A	10	31MAY05A			10,704.00	100	10,704.00



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Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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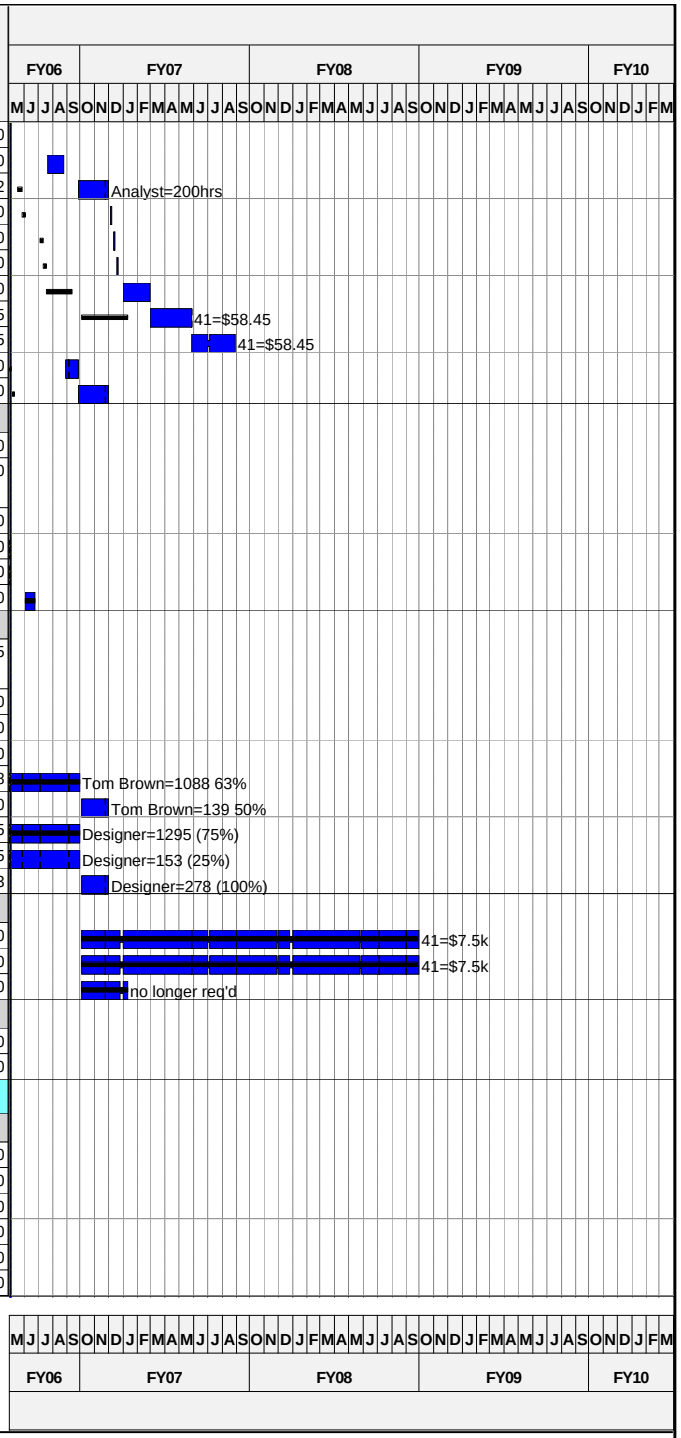
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
1803-4.04		FP Assembly platform - model design drawing det	01AUG05A	65*	30SEP05A			21,397.50	100	21,397.50
1803-5.003		MC support stand	24JUL06*	25	25AUG06		215	0.00		0.00
1803-5.004	EC45	Structural Analysis	26SEP06*	47	01DEC06		215	0.00		35,507.32
1803-5.005		PDR	04DEC06	5	08DEC06*		215	0.00		0.00
1803-5.006		FDR	11DEC06	5	15DEC06*		215	0.00		0.00
1803-5.007		Pre & Issue Specs and Dwgs	18DEC06	5	22DEC06		215	0.00		0.00
1803-5.008		Procurement Lead Time	02JAN07	40	26FEB07		215	0.00		0.00
1803-5.009	EC45	Fabricate #1	27FEB07*	65	29MAY07		215	0.00		80,134.95
1803-5.010	EC45	Fabricate #2	30MAY07*	65	29AUG07		215	0.00		80,134.95
1803-5.100		FP Assy Platform	28AUG06*	20	25SEP06		215	0.00		0.00
1803-5.200		Metrology layout/support stand dwgs	26SEP06	45	29NOV06		217	0.00		0.00
6.00-Interface/Test Activities										
1803-5.01		Finalize TFTR test cell FPA assembly layout draw	01JUN05A	42*	29JUL05A			9,066.40	100	9,066.40
1803-5.03		Design MC assy test components	01JUN05A	25*	30JUN05A			32,112.00	100	32,112.00
1803-5.04		Fab - Test Articles	01JUL05A	65*	30SEP05A			19,215.00	100	19,215.00
1803-5.02A		Generate as built spherical seat dwg	01MAY06*	0*	28APR06		378	0.00		0.00
1803-5.05		Run test/metrology measurements	01MAY06*	0*	28APR06		856	0.00		0.00
1803-5.02		TFTR Test Cell FPA arrgmnt dwg	05JUN06*	15*	23JUN06		817	0.00		0.00
7.00-Oversight										
1803-7.01		Meetings Prep and Reporting	01NOV04A	230*	30SEP05A			114,037.05	LOE	114,037.05
1803-7.02		Develop and maintain concept definition document	01NOV04A	230*	30SEP05A			9,915.00	LOE	9,915.00
1803-7.03		Develop and maintain assembly plan document	01NOV04A	349*	30SEP05A			9,254.00	LOE	9,254.00
1803-7.04		Mike Cole's FY05 on-site involvement in assembly	01NOV04A	230*	30SEP05A			24,800.00	LOE	24,800.00
1803-7.10		Tom Brown Engineering	03OCT05A	249*	29SEP06		749	107,945.05	LOE	189,377.28
1803-7.11	EC45	Tom Brown Engineering	02OCT06*	42*	30NOV06		707	0.00	LOE	24,651.40
1803-7.20		Design Activity	03OCT05A	249*	29SEP06		749	85,499.91	LOE	149,999.85
1803-7.21	EC45	Design Activity	01MAY06	107*	29SEP06		749	0.00	LOE	17,723.15
1803-7.22	EC45	Design Activity	02OCT06*	42*	30NOV06		707	0.00	LOE	32,958.53
Tooling Design & Fabrication										
713A.040		General procurements	02OCT06*	498	29SEP08		251	0.00		10,410.00
713A.050		Welding tools, materials & equipt	02OCT06*	498	29SEP08		251	0.00		10,410.00
713A.060		Instl He gas piping from NSTX to D-site tc NOT R	02OCT06*	65	10JAN07		378	0.00		0.00
FY05CV-29		FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			-148,000.00		-148,000.00
FY06CV-140	EC45	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			6,100.00	100	6,100.00
Job: 1804-FP Assy Measurement Sys-RAFTOPOULOS										
Metrology										
740.010		Final Design Measurement systems	19JAN04A	181*	30SEP04A			26,000.00	LOE	26,000.00
740.011		3-D Scanner/Faro Arm FDR		0	30JAN04A			0.00		0.00
740.015		Prepare Requisition 3-D scanner & Romer Arm	30JAN04A	10	30JAN04A			0.00		0.00
740.030		Deliver 3-D Scanner & Romer Arm	01APR04A	10*	30APR04A			171,990.00	100	171,990.00
740.030A		Romer Arm Training	06JUL04A	3*	08JUL04A			0.00	100	0.00
740.031		Metrology Software Review		0	30JAN04A			0.00		0.00



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Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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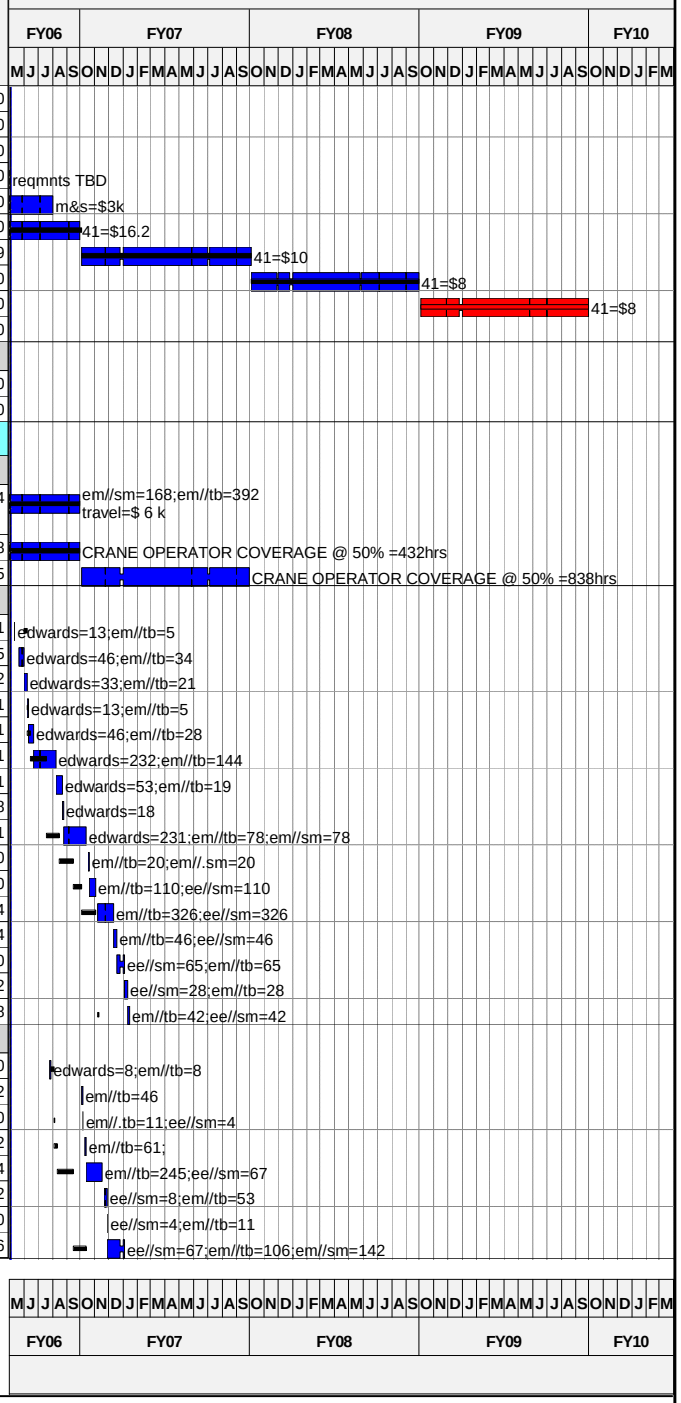
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
740.032		Prepare Met Software Requisition	30JAN04A	10	30JAN04A			0.00		0.00
740.045		Purchase- second Faro Arm PE005330	01OCT04A	102	29OCT04A			70,455.00	100	70,455.00
1803-8		Metrology Support (moved from 1803)	01NOV04A	230*	30SEP05A			101,133.00	LOE	101,133.00
740.035		Deliver Metrology Software	01MAY06*	1	01MAY06		855	0.00		0.00
740.100		Romer CMM- spare probes	03JAN06A	65	01AUG06		791	2,056.50	50	4,113.00
740.105	EC45	Romer CMM-Software support&warranty renewal	01OCT05A	249*	29SEP06		749	12,659.81	LOE	22,210.20
740.106	EC45	Romer CMM-Software support&warranty renewal	03OCT06*	249*	01OCT07		499	0.00		13,721.19
740.107		Romer CMM-Software support&warranty renewal	03OCT07*	248*	30SEP08		250	0.00		11,240.00
740.108		Romer CMM-Software support&warranty renewal	03OCT08*	248*	30SEP09		0	0.00		11,520.00
740.110		Romer CMM-Laptop for 2nd arm	01OCT05A	5	31OCT05A			5,484.00	100	5,484.00
FY05CV-30		FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			68,000.00		68,000.00
FY06CV-145	EC45	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			81,690.00	100	81,690.00
Job:1810 - Field Period Assembly-VIOLA										
Prep TFTR TC for Assembly operations										
740.020		Facility Prep	01MAR06A	150*	29SEP06		749	14,378.60	LOE	50,099.64
S0P0-100	EC45	LOE Crane support, fixture setupfor TFTR TC.	01MAY06*	107*	29SEP06		749	0.00		35,182.08
S0P0-200	EC45	LOE Crane support, fixture setupfor TFTR TC.	02OCT06*	249*	28SEP07		500	0.00		69,766.65
Stage 1 VV Prep (instl diag & insul)FP#1										
S1P1-101	EC45	Receive VV and inspect	10MAY06	2	11MAY06		254	0.00		2,079.11
S1P1-101.1	EC45	metrology setup,training and calibration	22MAY06*	7	31MAY06		248	0.00		8,647.25
S1P1-101A	EC45	Prep for mounting on fixture,Instl flanges	01JUN06	5	07JUN06		248	0.00		5,909.02
S1P1-102	EC45	Mount VV on VV Prep fixture (top side up)	08JUN06	2	09JUN06		248	0.00		2,086.71
S1P1-103	EC45	Establish metrology setting; align VV base	12JUN06	7	20JUN06		248	0.00		8,158.61
S1P1-103.1	EC45	Layout diagnostic&coolant paths on vsl w/templt	21JUN06	35	09AUG06		248	0.00		41,118.81
S1P1-104	EC45	Install heater tape on vertical ports	10AUG06	8	21AUG06		248	0.00		8,265.41
S1P1-105	EC45	Verify installation of heater tapes	22AUG06	3	24AUG06		248	0.00		2,279.88
S1P1-107	EC45	Wind magnetic diagnostic sensors	25AUG06	35	13OCT06		248	0.00		45,894.61
S1P1-107.1	EC45	Loop termination & verification	16OCT06	3	18OCT06		248	0.00		4,284.40
S1P1-106	EC45	Attach studs for coolant lines	19OCT06	12	03NOV06		248	0.00		23,390.40
S1P1-108	EC45	Install cooling/htg lines to vac vsl	06NOV06	24	11DEC06		248	0.00		69,320.64
S1P1-109	EC45	Verify Instl of H/C lines,headers,manifolds	12DEC06	5	18DEC06		248	0.00		9,781.44
S1P1-110	EC45	Install local I&C (incl thermocouples)	19DEC06	7	04JAN07		248	0.00		13,821.60
S1P1-111	EC45	Verify installation of local I&C	05JAN07	3	09JAN07		248	0.00		5,953.92
S1P1-116	EC45	Prepare and transfer completed VV to holding are	10JAN07	3	12JAN07		248	0.00		8,930.88
Stage 1 VV Prep (instl diag & insul)FP#2										
S1P2-101	EC45	Receive VV and inspect	26JUL06	3	28JUL06		321	0.00		1,664.80
S1P2-101A	EC45	Prep for mounting on fixture,Instl flanges	03OCT06*	3	05OCT06		276	0.00		3,828.12
S1P2-102	EC45	Mount VV on VV Prep fixture (top side up)	06OCT06	1	06OCT06		276	0.00		1,433.10
S1P2-103	EC45	Establish metrology setting; align VV base	09OCT06	4	12OCT06		276	0.00		5,076.42
S1P2-103.1	EC45	Layout diagnostic&coolant paths on vessel	13OCT06	26	17NOV06		276	0.00		29,060.04
S1P2-104	EC45	Install heater tape on vertical ports	20NOV06	4	27NOV06		276	0.00		5,446.02
S1P2-105	EC45	Verify installation of heater tapes	28NOV06	1	28NOV06		276	0.00		1,433.10
S1P2-107	EC45	Wind magnetic diagnostic sensors	29NOV06	20	03JAN07		276	0.00		36,094.46



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Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
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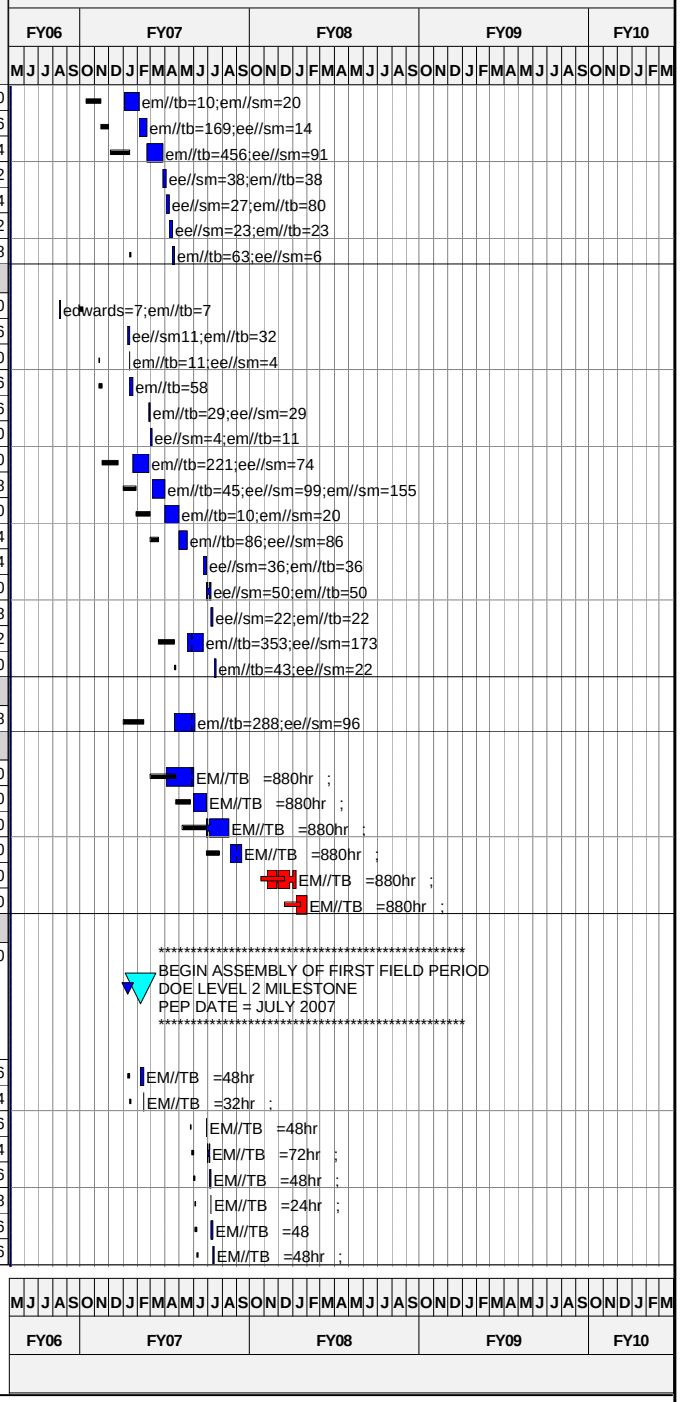
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
S1P2-107.1	EC45	Loop termination & verification	04JAN07	22	02FEB07		276	0.00		3,452.20
S1P2-106	EC45	Attach studs forcoolant lines	05FEB07	12	20FEB07		276	0.00		15,876.06
S1P2-108	EC45	Install cooling/htg lines to vac vsl	21FEB07	24	26MAR07		276	0.00		49,725.54
S1P2-109	EC45	Verify Instl of H/C lines,headers,manifolds	27MAR07	5	02APR07		276	0.00		8,080.32
S1P2-110	EC45	Install local I&C (incl thermocouples)	03APR07	7	11APR07		276	0.00		10,151.94
S1P2-111	EC45	Verify installation of local I&C	12APR07	3	16APR07		276	0.00		4,890.72
S1P2-116	EC45	Prepare and transfer completed VV to holding are	17APR07	3	19APR07		276	0.00		6,019.38
Stage 1 VV Prep (instl diag & insul)FP#3										
S1P3-101	EC45	Receive VV and inspect	16AUG06	3	18AUG06		341	0.00		1,456.70
S1P3-101A	EC45	Prep for mounting on fixture,Instl flanges	10JAN07	3	12JAN07		248	0.00		4,086.66
S1P3-102	EC45	Mount VV on VV Prep fixture (top side up)	15JAN07	1	15JAN07		248	0.00		1,433.10
S1P3-103	EC45	Establish metrology setting; align VV base	16JAN07	4	19JAN07		248	0.00		4,826.76
S1P3-104	EC45	Install heater tape on vertical ports	26FEB07	4	01MAR07		248	0.00		6,166.56
S1P3-105	EC45	Verify installation of heater tapes	02MAR07	1	02MAR07		248	0.00		1,433.10
S1P3-103.1	EC45	Layout diagnostic&coolant paths on vessel	22JAN07	25	23FEB07		248	0.00		27,968.70
S1P3-107	EC45	Wind magnetic diagnostic sensors	05MAR07	20	30MAR07		248	0.00		36,862.48
S1P3-107.1	EC45	Loop termination & verification	02APR07	22	01MAY07		248	0.00		3,452.20
S1P3-106	EC45	Attach studs forcoolant lines	02MAY07	12	17MAY07		248	0.00		18,287.04
S1P3-109	EC45	Verify Instl of H/C lines,headers,manifolds	22JUN07	5	28JUN07		248	0.00		7,655.04
S1P3-110	EC45	Install local I&C (incl thermocouples)	29JUN07	7	10JUL07		248	0.00		10,632.00
S1P3-111	EC45	Verify installation of local I&C	11JUL07	3	13JUL07		248	0.00		4,678.08
S1P3-108	EC45	Install cooling/htg lines to vac vsl	18MAY07	24	21JUN07		248	0.00		51,766.32
S1P3-116	EC45	Prepare and transfer completed VV to holding are	16JUL07	3	18JUL07		248	0.00		6,425.70
Spool pieces (3) (spacers)										
S1SP-101	EC45	Attachdiagnostics, studs and coolant lines	20APR07	32	05JUN07		402	0.00		36,391.68
Stage 2 MC Subassemble & Align (6 MC together)										
S2P1-100		Assemble/Align Mod-Coils A1/A2, B1/B2	04APR07	40	30MAY07		147	0.00		73,233.60
S2P1-200		Assemble/Align Mod-Coils C1/C2	31MAY07	20	27JUN07		147	0.00		73,233.60
S2P2-100		Assemble/Align Mod-Coils A3/A4, B3/B4	28JUN07	36	17AUG07		158	0.00		73,233.60
S2P2-200		Assemble/Align Mod-Coils C3/C4	20AUG07	18	13SEP07		158	0.00		73,233.60
S2P3-100		Assemble/Align Mod-Coils A5/A6, B5/B6	06NOV07	36	07JAN08		121	0.00		75,204.80
S2P3-200		Assemble/Align Mod-Coils C5/C6	08JAN08	18	31JAN08		121	0.00		75,204.80
Stage 3 MC Instl (rotate MC over Vsl)-FP#1										
S3P1-000		Begin Assembly of First Field Period Assy	09FEB07	0			241	0.00		0.00
S3P1-101		VV to MC turning fixt base; metr check	09FEB07	2	12FEB07		241	0.00		3,994.56
S3P1-101.1		Attach local protective strips to VV&locate sens	13FEB07	2	14FEB07		241	0.00		2,663.04
S3P1-102		Mount MC on crane; perform metr checks	28JUN07	2	29JUN07		147	0.00		3,994.56
S3P1-103		Rotate right MC to stand-off position&chk	02JUL07	3	05JUL07		147	0.00		5,991.84
S3P1-104		Transfer load to sprt sys and recheck position	06JUL07	2	09JUL07		147	0.00		3,994.56
S3P1-105		Move MC turning fixt; mount MC on crane	10JUL07	1	10JUL07		147	0.00		1,997.28
S3P1-106		Rotate left MC to stand-off position and check p	11JUL07	2	12JUL07		147	0.00		3,994.56
S3P1-107		Move left & right MC to final position & measure	13JUL07	2	16JUL07		147	0.00		3,994.56



Run Date **08JUN06 12:31**

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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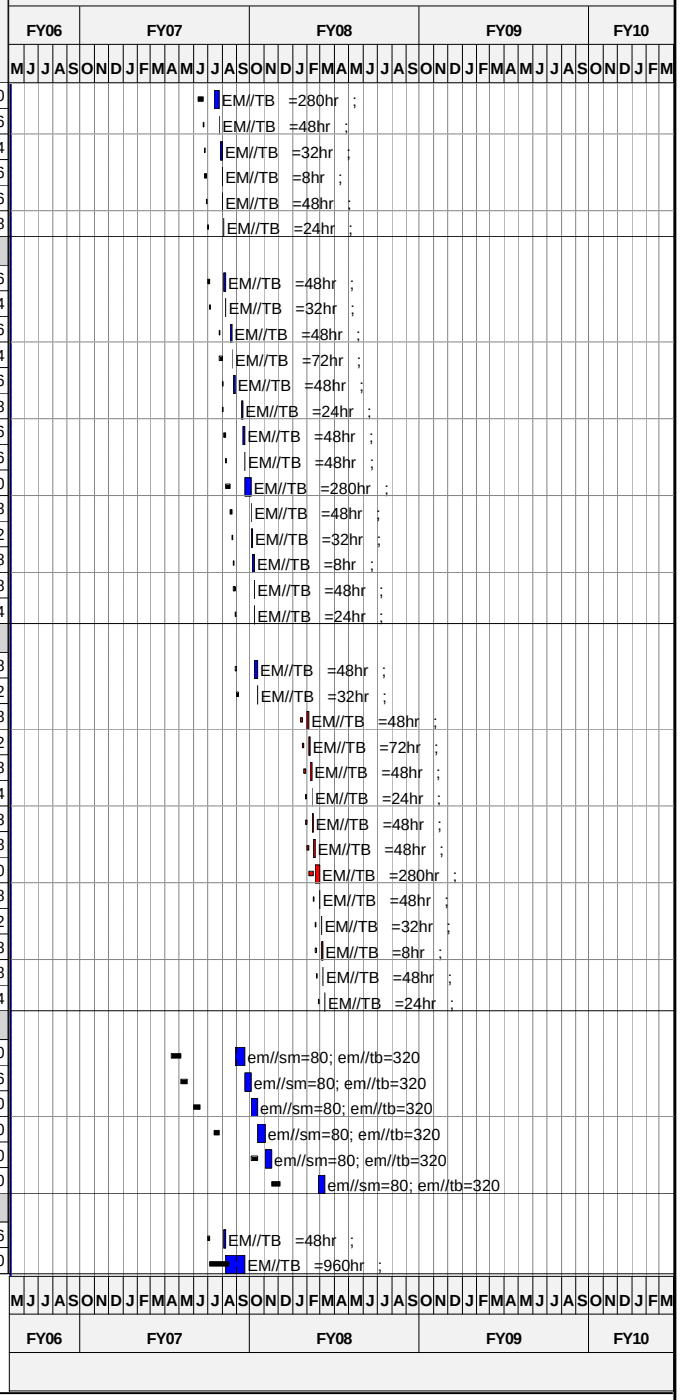
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
S3P1-108		Install shims (as reqd); ream 24 holes	17JUL07	7	25JUL07		147	0.00		23,301.60
S3P1-109		Bolt together at flange interface.	26JUL07	2	27JUL07		147	0.00		3,994.56
S3P1-110		Perform final metrology position check	30JUL07	2	31JUL07		147	0.00		2,663.04
S3P1-110.1		Remove temp interference strips&sensors	01AUG07	1	01AUG07		147	0.00		665.76
S3P1-111		Secure VV to MC's using temporary supports.	02AUG07	2	03AUG07		147	0.00		3,994.56
S3P1-112		Prep& xfr completed assembly to Stage 4 area	06AUG07	1	06AUG07		147	0.00		1,997.28
Stage 3 MC Instl (rotate MC over Vsl)-FP#2										
S3P2-101		Mount VV to MC turning fixt base; metr check	07AUG07	2	08AUG07		201	0.00		3,994.56
S3P2-101.1		Attach local protective strips to VV&locate sens	09AUG07	2	10AUG07		201	0.00		2,663.04
S3P2-102		Mount MC on crane; perform metr checks	20AUG07	2	21AUG07		196	0.00		3,994.56
S3P2-103		Rotate right MC to stand-off position&chk	22AUG07	3	24AUG07		196	0.00		5,991.84
S3P2-104		Transfer load to supt sys and recheck position	27AUG07	2	28AUG07		196	0.00		3,994.56
S3P2-105		Move MC turning fixt; mount MC on crane	14SEP07	1	14SEP07		185	0.00		1,997.28
S3P2-106		Rotate left MC to stand-off position and check p	17SEP07	2	18SEP07		185	0.00		3,994.56
S3P2-107		Move left & right MC to final position & measure	19SEP07	2	20SEP07		185	0.00		3,994.56
S3P2-108		Install shims (as reqd); ream 24 holes	21SEP07	7	01OCT07		185	0.00		23,391.20
S3P2-109		Bolt together at flange interface.	02OCT07	2	03OCT07		185	0.00		4,102.08
S3P2-110		Perform final metrology position check	04OCT07	2	05OCT07		185	0.00		2,734.72
S3P2-110.1		Remove temp interference strips&sensors	08OCT07	1	08OCT07		185	0.00		683.68
S3P2-111		Secure VV to MC's using temporary supports.	09OCT07	2	10OCT07		185	0.00		4,102.08
S3P2-112		Prep& xfr completed assembly to Stage 4 area	11OCT07	1	11OCT07		185	0.00		2,051.04
Stage 3 MC Instl (rotate MC over Vsl)-FP#3										
S3P3-101		Mount VV to MC turning fixt base; metr check	12OCT07	2	15OCT07		188	0.00		4,102.08
S3P3-101.1		Attach local protective strips to VV&locate sens	16OCT07	2	17OCT07		188	0.00		2,734.72
S3P3-102		Mount MC on crane; perform metr checks	01FEB08	2	04FEB08		121	0.00		4,102.08
S3P3-103		Rotate right MC to stand-off position&chk	05FEB08	3	07FEB08		121	0.00		6,153.12
S3P3-104		Transfer load to supt sysand recheck position	08FEB08	2	11FEB08		121	0.00		4,102.08
S3P3-105		Move MC turning fixt; mount MC on crane	12FEB08	1	12FEB08		121	0.00		2,051.04
S3P3-106		Rotate left MC to stand-off position and check p	13FEB08	2	14FEB08		121	0.00		4,102.08
S3P3-107		Move left & right MC to final position & measure	15FEB08	2	18FEB08		121	0.00		4,102.08
S3P3-108		Install shims (as reqd); ream 24 holes	19FEB08	7	27FEB08		121	0.00		23,928.80
S3P3-109		Bolt together at flange interface.	28FEB08	2	29FEB08		121	0.00		4,102.08
S3P3-110		Perform final metrology position check	03MAR08	2	04MAR08		121	0.00		2,734.72
S3P3-110.1		Remove temp interference strips&sensors	05MAR08	1	05MAR08		121	0.00		683.68
S3P3-111		Secure VV to MC's using temporary supports.	06MAR08	2	07MAR08		121	0.00		4,102.08
S3P3-112		Prep& xfr completed assembly to Stage 4 area	10MAR08	1	10MAR08		121	0.00		2,051.04
Station 4 - TF HP Pre-Assy (bolt 3 TF together)										
184-100		Assemble 3 TF coils&structure -Left-Period #1	30AUG07	15	20SEP07		172	0.00		37,110.40
184-105		Assemble 3 TF coils&structure -Right -Period #1	21SEP07	10	04OCT07		172	0.00		37,509.76
184-110		Assemble 3 TF coils&structure -Left-Period #2	05OCT07	10	18OCT07		212	0.00		38,108.80
184-115		Assemble 3 TF coils&structure -Right -Period #2	19OCT07	10	01NOV07		212	0.00		38,108.80
184-120		Assemble 3 TF coils&structure -Left -Period #3	02NOV07	10	15NOV07		221	0.00		38,108.80
184-125		Assemble 3 TF coils&structure -Right -Period #3	27FEB08	10	11MAR08		157	0.00		38,108.80
Stage 5- Final FP Assy (Instl ports & TF's)FP#1										
S4P1-101		Mount MC/VV assembly to support frame a	07AUG07	2	08AUG07		172	0.00		3,994.56
S4P1-102		Position and weld all ports to VV	09AUG07	30	20SEP07	2	172	0.00		79,891.20



Run Date **08JUN06 12:31**

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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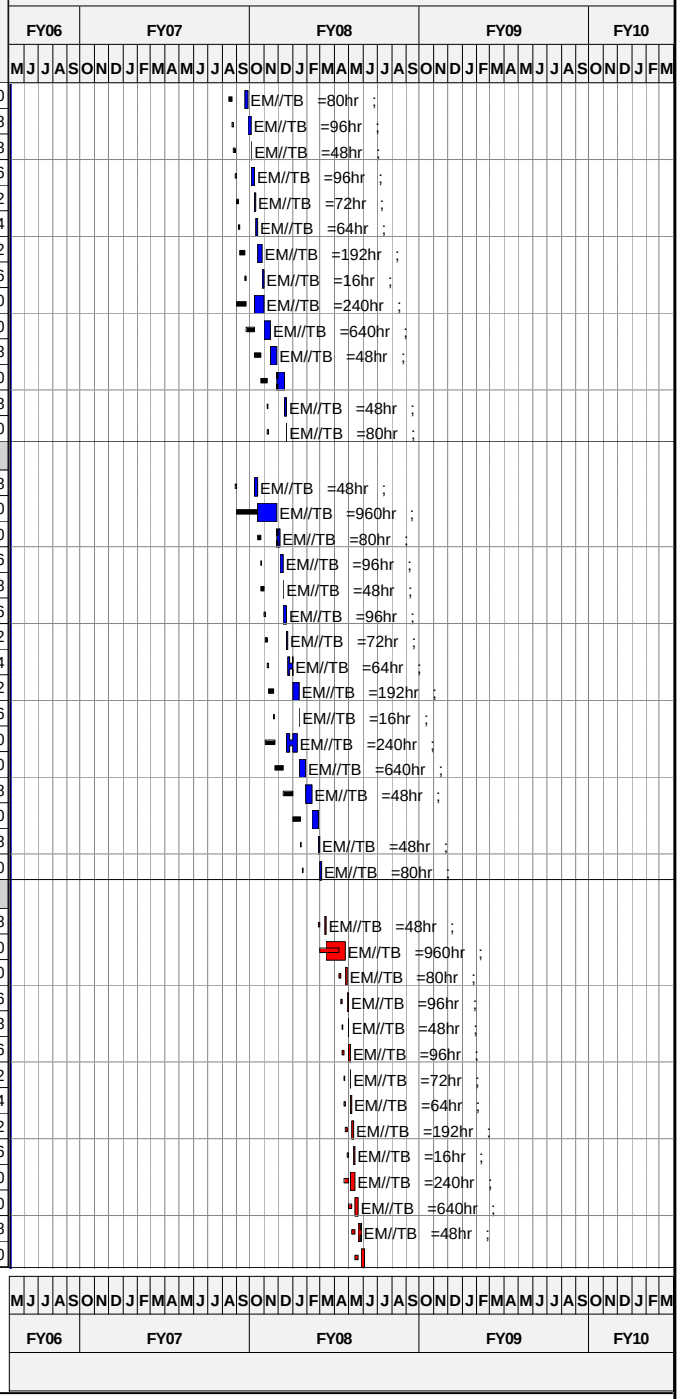
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
S4P1-103		Inspect Welds	21SEP07	5	27SEP07		172	0.00		6,657.60
S4P1-104		Assemble left TF Coil Assembly check position	28SEP07	3	02OCT07		172	0.00		8,132.48
S4P1-105		Change platforms	03OCT07	2	04OCT07		172	0.00		4,102.08
S4P1-106		Assemble right TF Coil Assembly chk position	05OCT07	3	09OCT07		172	0.00		8,204.16
S4P1-107		Attach TF coils to MC's	10OCT07	3	12OCT07		172	0.00		6,153.12
S4P1-108		Change platforms	15OCT07	2	16OCT07		173	0.00		5,469.44
S4P1-109		Position, weld two large horizontal diag ports	17OCT07	8	26OCT07		173	0.00		16,408.32
S4P1-110		Inspect Welds	29OCT07	1	29OCT07		173	0.00		1,367.36
S4P1-111		Assemble external trim coils to TF Coil	10OCT07	15	30OCT07		172	0.00		20,510.40
S4P1-112		Close up VV, leak check	31OCT07	10	13NOV07		172	0.00		54,694.40
S4P1-113		Adjust final support base interfaces	14NOV07	10	27NOV07		172	0.00		4,102.08
S4P1-113.5		Final metrology outside & inside	28NOV07	10	13DEC07		172	0.00		0.00
S4P1-114		Prepare Field Period for shipment	14DEC07	2	17DEC07		172	0.00		4,102.08
S4P1-115		Transfer completed assy to C-site test cell	18DEC07	2	19DEC07		172	0.00		6,836.80
Stage 5- Final FP Assy (Instl ports & TF's)FP#2										
S4P2-101		Mount MC/VV assembly to support frame a	12OCT07	2	15OCT07		185	0.00		4,102.08
S4P2-102		Position and weld all ports to VV	16OCT07	30	26NOV07	2	185	0.00		82,041.60
S4P2-103		Inspect Welds	27NOV07	5	05DEC07		185	0.00		6,836.80
S4P2-104		Assemble left TF Coil Assembly check position	06DEC07	3	10DEC07		185	0.00		8,204.16
S4P2-105		Change platforms	11DEC07	2	12DEC07		185	0.00		4,102.08
S4P2-106		Assemble right TF Coil Assembly chk position	13DEC07	3	17DEC07		185	0.00		8,204.16
S4P2-107		Attach TF coils to MC's	18DEC07	3	20DEC07		185	0.00		6,153.12
S4P2-108		Change platforms	21DEC07	2	02JAN08		185	0.00		5,469.44
S4P2-109		Position, weld two large horizontal diag ports	03JAN08	8	14JAN08		185	0.00		16,408.32
S4P2-110		Inspect Welds	15JAN08	1	15JAN08		185	0.00		1,367.36
S4P2-111		Assemble external trim coils to TF Coil	18DEC07	10	09JAN08		189	0.00		20,510.40
S4P2-112		Close up VV, leak check	16JAN08	10	29JAN08		185	0.00		54,694.40
S4P2-113		Adjust final support base interfaces	30JAN08	10	12FEB08		185	0.00		4,102.08
S4P2-113.5		Final metrology outside & inside	13FEB08	10	26FEB08		185	0.00		0.00
S4P2-114		Prepare Field Period for shipment	27FEB08	2	28FEB08		185	0.00		4,102.08
S4P2-115		Transfer completed assy to C-site test cell	29FEB08	2	03MAR08		185	0.00		6,836.80
Stage 5 - Final FP Assy (Instl ports & TF's)FP#3										
S4P3-101		Mount MC/VV assembly to support frame a	11MAR08	2	12MAR08	2	121	0.00		4,102.08
S4P3-102		Position and weld all ports to VV*2 shift*	13MAR08	30	23APR08	2	121	0.00		82,041.60
S4P3-103		Inspect Welds	24APR08	3	28APR08	2	121	0.00		6,836.80
S4P3-104		Assemble left TF Coil Assembly check position	29APR08	1	29APR08	2	121	0.00		8,204.16
S4P3-105		Change platforms	30APR08	1	30APR08	2	121	0.00		4,102.08
S4P3-106		Assemble right TF Coil Assembly chk position	01MAY08	2	02MAY08	2	121	0.00		8,204.16
S4P3-107		Attach TF coils to MC's	05MAY08	1	05MAY08	2	121	0.00		6,153.12
S4P3-108		Change platforms	06MAY08	1	06MAY08	2	122	0.00		5,469.44
S4P3-109		Position, weld two large horizontal diag ports	07MAY08	4	12MAY08	2	122	0.00		16,408.32
S4P3-110		Inspect Welds	13MAY08	1	13MAY08	2	122	0.00		1,367.36
S4P3-111		Assemble external trim coils to TF Coil	05MAY08	8	14MAY08	2	121	0.00		20,510.40
S4P3-112		Close up VV, leak check	15MAY08	5	21MAY08	2	121	0.00		54,694.40
S4P3-113		Adjust final support base interfaces	22MAY08	5	29MAY08	2	121	0.00		4,102.08
S4P3-113.5		Final metrology outside & inside	30MAY08	5	05JUN08	2	121	0.00		0.00



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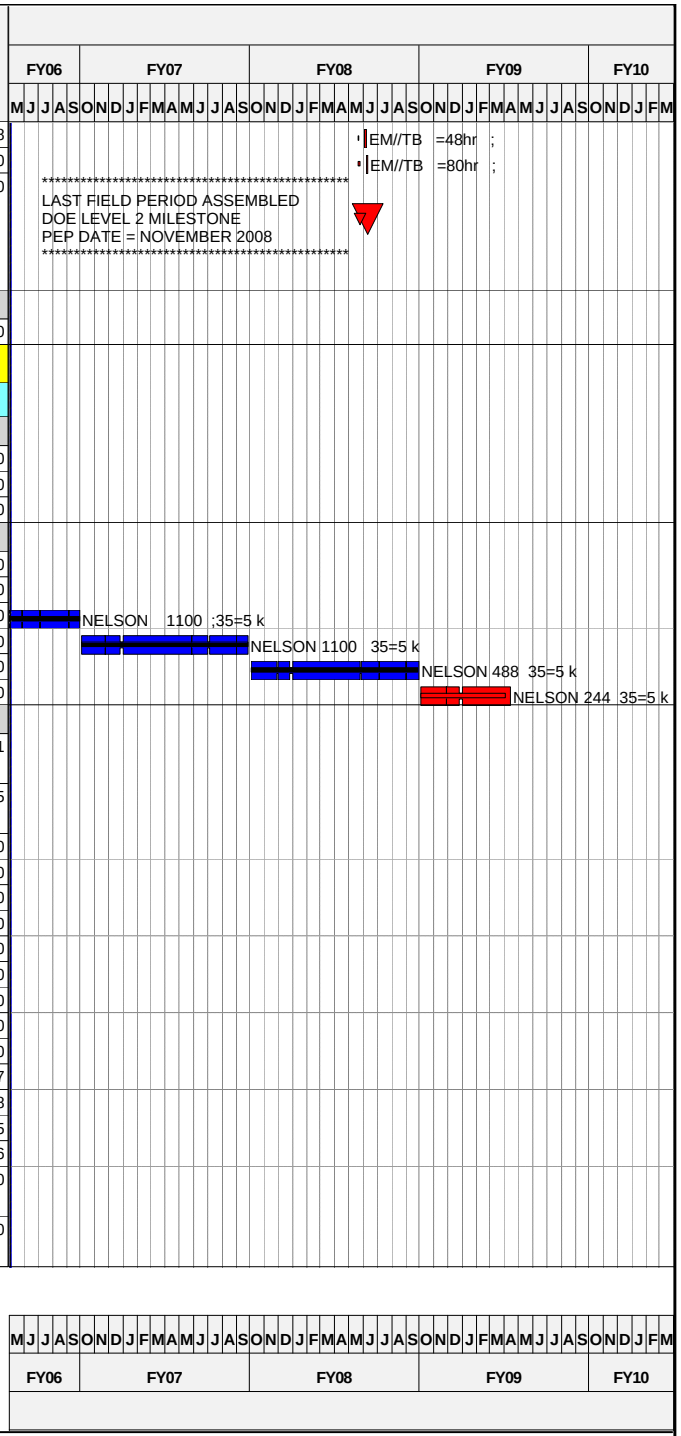
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
S4P3-114		Prepare Field Period for shipment	06JUN08	1	06JUN08	2	121	0.00		4,102.08
S4P3-115		Transfer completed assy to C-site test cell	09JUN08	1	09JUN08	2	121	0.00		6,836.80
S4P3-115X		Last field period assembled		0	09JUN08	2	121	0.00		0.00
FY06CV-150	EC45	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			400.00	100	400.00
19 - Stellarator Core Management and Integration										
Job: 1901 - Stellarator Core Mngtt&Integr-NELSON										
Prior Costs										
1901-002		Apr-Sept MIE Costs ORNL	01APR03A	248	30SEP03A			187,090.00	100	187,090.00
1901-003		Apr-Sept MIE Costs PPPL	01APR03A	248	30SEP03A			67,070.00	100	67,070.00
1901-ECP16		ecp16	01OCT03A	250*	30SEP04A			30,000.00	LOE	30,000.00
191 - Stellarator Core Management & Oversight										
191-4		LOE-FY04 WBS 191-4 Management Activities	01OCT03A	250*	30SEP04A			101,500.00	LOE	101,500.00
0191-5		LOE-FY05 WBS 191	01OCT04A	249*	30SEP05A			175,500.00	LOE	175,500.00
0191-6		LOE-FY06 WBS 191	03OCT05A	249*	29SEP06		502	112,731.18	LOE	197,774.00
0191-6X		LOE-FY07 WBS 191	03OCT06*	247	27SEP07		501	0.00	LOE	201,498.00
0191-7		LOE-FY08 WBS 191	03OCT07*	247	29SEP08		251	0.00	LOE	99,976.00
191-8		LOE-FY089 WBS 191	03OCT08*	130	15APR09		118	0.00	LOE	51,804.00
192 - Stellarator Core Integration & Analysis										
192-4		LOE-FY05 WBS 192-4 Design Integration Activities	01OCT03A	250*	30SEP04A			234,660.11	LOE	234,660.11
192-5		LOE-FY05 WBS 192-5 VV & Coil Services Integr	01OCT03A	250*	30SEP04A			36,676.65	LOE	36,676.65
192-6		LOE-FY05 WBS 192-6 Integrated Analysis	01OCT03A	271	30SEP04A			42,333.00	LOE	42,333.00
192-6.07		Time constant calcs using SPARK	01APR04A	42*	28MAY04A			6,180.00	100	6,180.00
192-6.08		Indep check time constant calcs using EDDYCUFF	01MAY04A	138*	30SEP04A			10,295.20	100	10,295.20
192-6.09		Revised VV geometry	02FEB04A	6	27FEB04A			3,090.00	100	3,090.00
192-6.10		MC interf during assly, geometry, assly trajecto	02FEB04A	31	27FEB04A			32,957.60	100	32,957.60
192-6.11		Range of motion reqts for Assly MC fixture.	02FEB04A	20	27FEB04A			17,507.60	100	17,507.60
192-6.12		Final Check & Verification	01MAY04A	6	28MAY04A			3,708.00	100	3,708.00
192-6.2		Final Mod Coil Trajectories		0	27FEB04A			0.00		0.00
192-6.5		Structural Design criteria		0	28MAY04A			0.00	100	0.00
192-6.01		Document coil tolerance and trim coil requiremen	01MAR04A	357*	29JUL05A			19,284.37	100	19,284.37
192-6.02		Check critical coil tolerance calculations.	01APR04A	207*	31JAN05A			11,098.48	100	11,098.48
192-6.03		Method for determining current center	01FEB04A	234*	30DEC04A			86,626.35	100	86,626.35
192-6.06		Coil positions to minimize islands.	02FEB04A	270	28FEB05A			66,401.76	100	66,401.76
192-6.031		Demo Method for current center on TRC	18JUN05A	173*	28FEB06A			72,473.30	100	72,473.30
0192-5		LOE-FY05 WBS 192	01OCT04A	249*	30SEP05A			280,350.00	LOE	280,350.00



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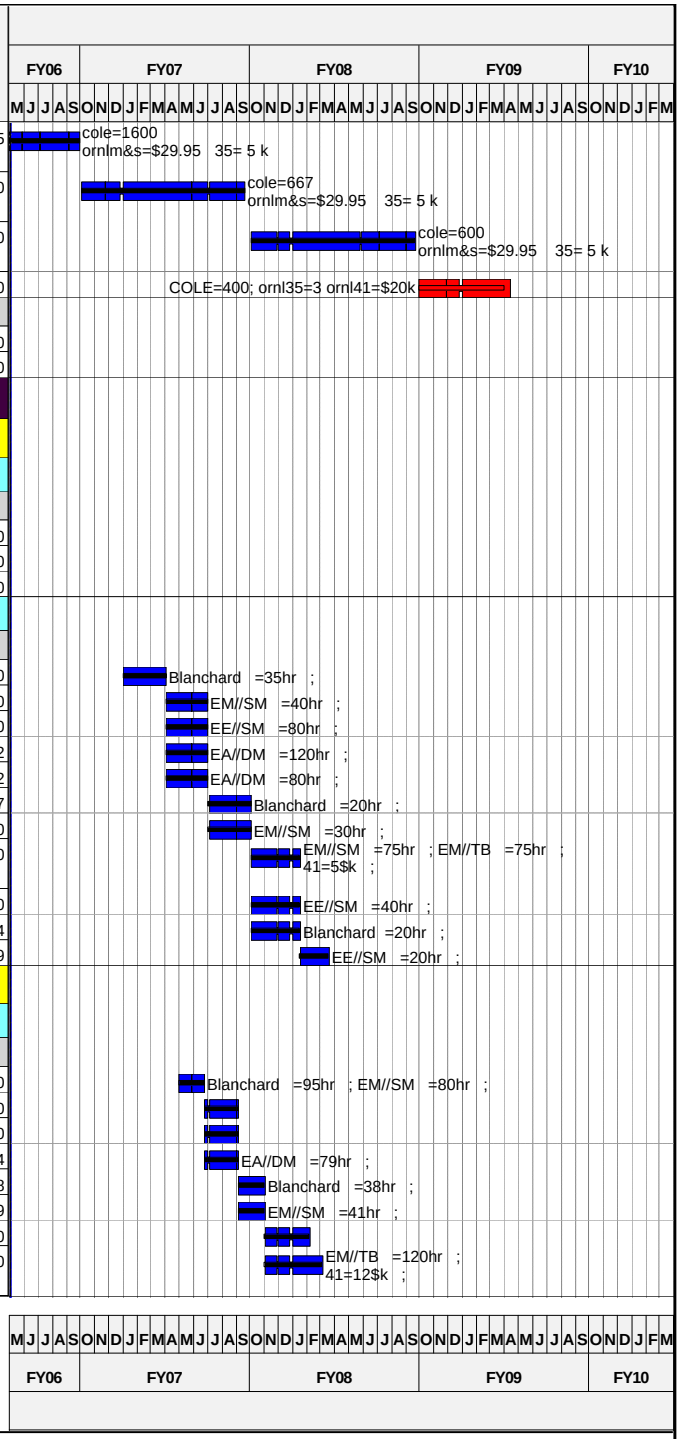
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
0192-6		LOE-FY06 WBS 192	03OCT05A	*249**	29SEP06		***507***	178,114.43	LOE	312,481.45
0192-6X		LOE-FY07 WBS 192	03OCT06*	*242*	20SEP07		***506***	0.00	LOE	158,033.60
0192-7		LOE-FY08 WBS 192	03OCT07*	*242*	22SEP08		***256***	0.00	LOE	151,531.40
0192-99		LOE-FY09	01OCT08*	*130*	13APR09		***120***	0.00	LOE	101,860.00
FY05CV-31		FY05 unrecoverable cost variance	01OCT04A	*251*	30SEP05A			9,000.00		9,000.00
FY06CV-155	EC45	ECP45 FY06 cv	01OCT05A	*251**	30MAR06A			2,540.00	100	2,540.00
2 - Plasma Heating, Fueling & Vac Systems										
21 - Fueling Systems										
Job: 2001-VPS,Gas& Cond Sys Oversight-BLANCHARD										
2001-001		Apr-May MIE Cost	01APR03A	*43**	30MAY03A			38,000.00	100	38,000.00
2001-100		PDR Support	01JUN03A	*164**	30SEP03A			25,667.20	LOE	25,667.20
FY06CV-160	EC45	ECP45 FY06 cv	01OCT05A	*251**	30MAR06A			-770.00	100	-770.00
Job: 2101 - Fueling Systems										
ECP 16 October 2004										
21-10		Eng. Work Planning and Design	02JAN07*	*65*	02APR07		***227***	0.00		17,730.00
21-15		Design Gas Handling Hardware	03APR07	*65*	03JUL07		***227***	0.00		5,109.00
21-20		Design PLC Controls	03APR07	*65*	03JUL07		***292***	0.00		0.00
21-25		Electrical Drafting for pumping system	03APR07	*65*	03JUL07		***292***	0.00		6,154.72
21-30		Drafting	03APR07	*65*	03JUL07		***292***	0.00		6,154.72
21-35		Eng. Work Planning and Design during fab	05JUL07	*65*	04OCT07		***292***	0.00		3,907.07
21-40		Fabrication/Install Hardware	05JUL07	*65*	04OCT07		***227***	0.00		3,149.20
21-45		Fabrication/installation	05OCT07	*65*	16JAN08		***227***	0.00		15,214.00
21-55		Install PLC Controls	05OCT07	*65*	16JAN08		***227***	0.00		0.00
21-60		Integrated Systems Testing/Eng	05OCT07	*65*	16JAN08		***227***	0.00		1,456.64
21-65		Integrated Systems Testing/Tech Support	17JAN08	*45*	19MAR08		***227***	0.00		1,196.19
22 - Torus Vacuum Pumping Systems										
Job: 2201 - Vacuum Pumping Systems										
22-25	EC45	Eng. Work Planning and Design	01MAY07*	*40*	26JUN07		***224***	0.00		27,323.50
22-30	EC45	Design PLC based control system *N/R*	27JUN07	*50*	06SEP07		***264***	0.00		0.00
22-35	EC45	Electrical Drafting for pumping system *N/R*	27JUN07	*50*	06SEP07		***284***	0.00		0.00
22-40	EC45	Drafting	27JUN07	*50*	06SEP07		***224***	0.00		9,350.44
22-45	EC45	Eng. Work Planning and Design during fab	07SEP07	*40*	01NOV07		***244***	0.00		6,846.38
22-50	EC45	Perform maint. & repair of pmpg sys	07SEP07	*40*	01NOV07		***224***	0.00		5,457.59
22-55	EC45	Repair and Calibration vac instrumentation*N/R*	02NOV07	*60*	06FEB08		***244***	0.00		0.00
22-60	EC45	Fabrication/installation	02NOV07	*80*	05MAR08		***224***	0.00		27,115.20



Run Date **08JUN06 12:31**

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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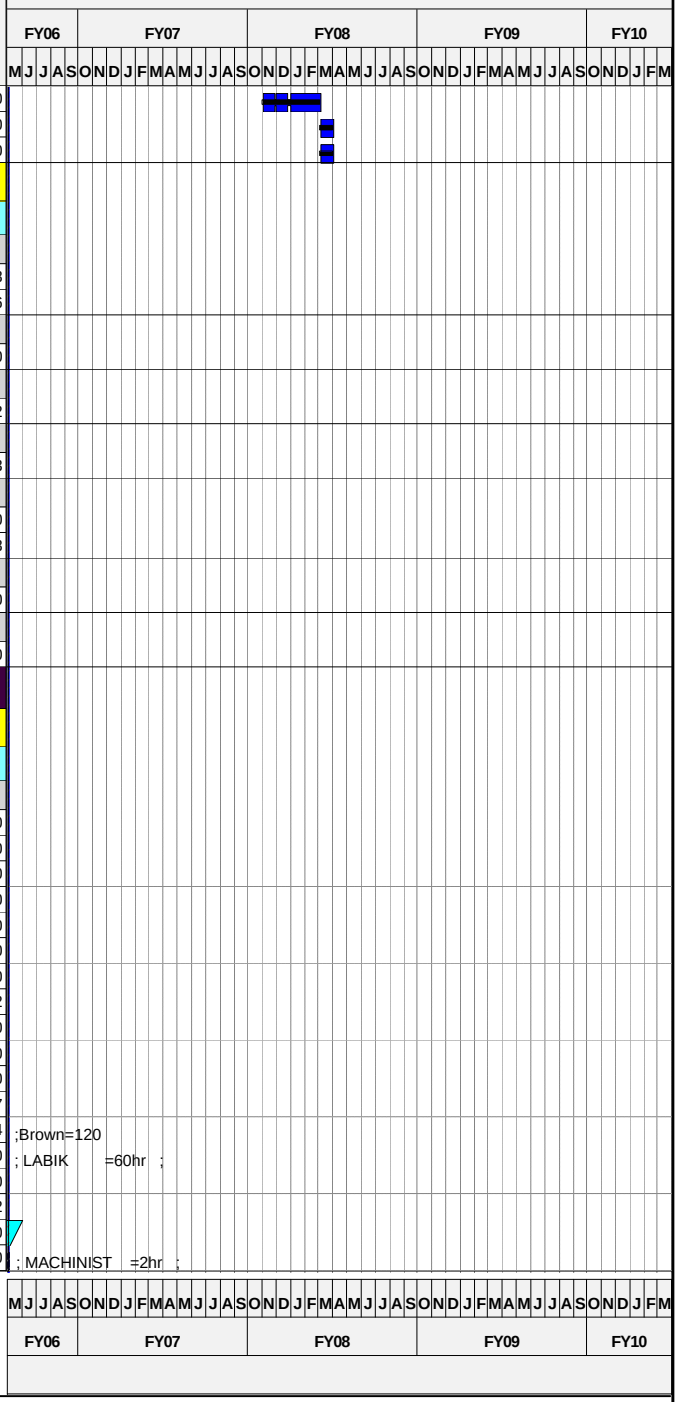
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
22-65	EC45		02NOV07	80	05MAR08		224	0.00		0.00
22-70	EC45	Integrated Systems Testing/Eng *N/R*	06MAR08	20	02APR08		224	0.00		0.00
22-75	EC45	Integrated Systems Testing/Tech Support*N/R*	06MAR08	20	02APR08		224	0.00		0.00
25 - Neutral Beam Injection System										
Job: 2501 - Neutral Beam Refurbishment-STEVENSON										
FY04 Work Plan										
2501-014		FY04 work accomplished	03NOV03A	227	30JUN04A			81,334.78		81,334.78
2501-014.1		FY04 work closeout *TBD*	01JUL04A	64*	30SEP04A			48,614.06	LOE	48,614.06
Prior Costs										
2501-001		Apr-Sept MIE Cost	01APR03A	43*	30SEP03A			123,000.00	100	123,000.00
RefurbishmentCD-3 deleted scope**										
25-099		FY04 work accomplished	01MAR04A	846*	30JUN04A			21,384.62		21,384.62
Re-Install BeamlineCD-3 deleted scope**										
25-190.1		33) Fabr BL alignment measur fixture,	01JUN04A	699*	30JUN04A			2,060.33		2,060.33
Re-Install CablesCD-3 deleted scope**										
25-225.1		Cabling-Design & WP Procedures	01APR04A	872*	30JUN04A			4,812.60		4,812.60
25-230.1		Cabling-Fabr and Install new Junction Box	02JUN04A	190	30JUN04A			727.68		727.68
Beamline ConnectionsCD-3 deleted scope**										
25-310.1		Drafting Labor Support	01JUN04A	298	30JUN04A			2,433.60		2,433.60
FY06CV-165	EC45	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			650.00	100	650.00
3 - Diagnostics										
31 - Magnetic Diagnostics										
Job: 3101 Magnetic Diagnostics										
Vacuum Vessel Saddle Loops										
3101-105		DEVELOP LOCATING, MOUNTING STRATEGY	01JAN05A	20	31JAN05A			1,000.00	100	1,000.00
3101-109		INTEGRATE LOOP AND LEAD DESIGN WITH H/C	01JAN05A	40	28FEB05A			6,416.80	100	6,416.80
3101-113		INTEGRATE LAYOUT, MEAS NEEDS W/ VSL	01JAN05A	40	28FEB05A			3,208.40	100	3,208.40
3101-117		DEVELOP CONSTRAINTS FOR ARRAY LAYOUT	01JAN05A	20	31JAN05A			0.00	100	0.00
3101-121		LAYOUT CANDIDATE SENSOR ARRAY ON PRO-E	01FEB05A	20	28FEB05A			0.00	100	0.00
3101-125		PDR PREP -VESSEL SADDLE LOOP MOUNTING	02MAY05A	5	31MAY05A			9,483.60	100	9,483.60
3101-126		PEER REVIEW -VESSEL SADDLE LOOP		0	31MAY05A			0.00	100	0.00
3101-129		DESIGN AND PROTOTYPE SADDLE LOOP	01MAR05A	107*	29JUL05A			7,643.52	100	7,643.52
3101-133		Prototype loops on vsl proto segment using ARI	01MAR05A	107*	29JUL05A			6,189.20	100	6,189.20
3101-137		FINAL OPTIMIZATION OF LOOP LOCATION, AREA	01JAN05A	193*	30SEP05A			0.00	100	0.00
3101-149		PREPARE METROLOGY	01JUN05A	87*	31AUG05A			6,416.80	100	6,416.80
3101-145		Procure MI Cable	26SEP05A	68*	23DEC05A			22,182.57	100	22,182.57
3101-139		Develop ProE model of loops, flat dev, fiducials	26SEP05A	147*				19,808.68	95	20,851.24
3101-141		FDR PREP-	01DEC05A	101*				5,205.30	50	10,410.60
3101-142		FDR - VESSEL SADDLE LOOP TEMPLATES		0	16DEC05A			0.00	100	0.00
3101-153		Fab Installation Templates (for FP assy)	01JAN06A	41*	28FEB06A			2,619.92	100	2,619.92
3101-143		FDR - VESSEL SADDLE LOOP INSTALLATION		0	28APR06*		279	0.00		0.00
3101-154		Fab Installation Templates (for spacers)	01MAY06	5	05MAY06		279	0.00		256.40



Run Date 08JUN06 12:31

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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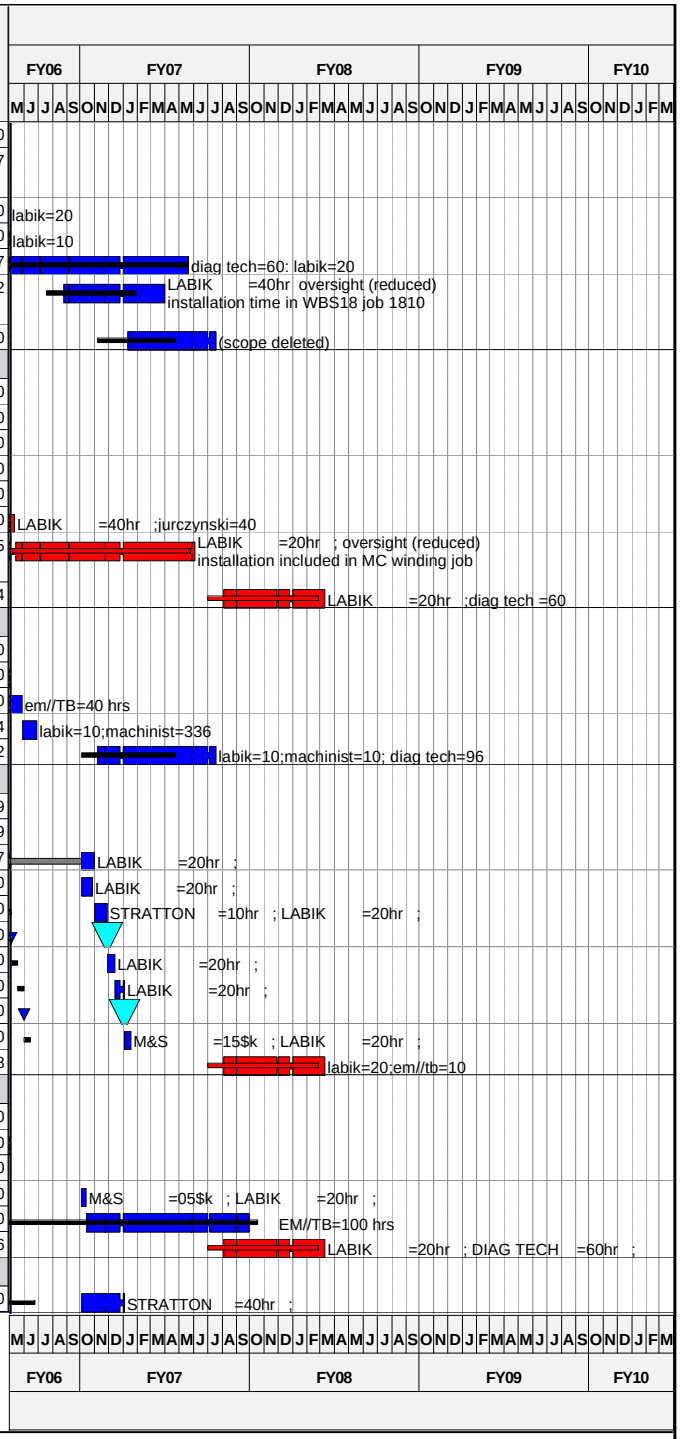
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
3101-146		Procure remaining materials	01OCT05A	99*	28FEB06A			12,424.40	100	12,424.40
3101-157		Design & fab tooling and clamps	01JUN05A	209*	31MAR06A			13,035.67	100	13,035.67
3101-167		Design voltage loops	01DEC05A	101*				2,949.67	85	3,470.20
3101-169		Voltage loop connection peer review	01MAY06*	1	01MAY06		418	0.00		1,735.10
3101-165		Identify lead wires at multiple locations	01MAY06*	265*	21MAY07		591	0.00		8,465.47
3101-161		SUPT LOOP INSTL 200 LOOPS), TESTING	25AUG06	147*	30MAR07		248	0.00		7,066.22
3101-225		Terminate saddle loops (not required)	10JAN07	134*	18JUL07		248	0.00		0.00
Modular Coil C-wound Loops										
3101-205		MOUNTING/LOCATING STRATEGY MC CO-WOUND	01JAN05A	20	31JAN05A			3,208.40	100	3,208.40
3101-209		PROTOTYPE ON TWISTED RACETRACK	01MAR05A	20	31MAR05A			4,741.80	100	4,741.80
3101-213		DESIGN TERMINATION	01MAR05A	130*	31AUG05A			7,302.40	100	7,302.40
3101-221		PROCURE MATERIALS	25JUL05A	0*	29JUL05A			6,410.90	100	6,410.90
3101-217		Peer review of lead routing	31JAN06A	0*	31JAN06A			6,940.40	100	6,940.40
3101-230		Install heat shrink tubing on MI cable	31JAN06A	10	12MAY06		133	1,810.26	15	12,068.40
3101-229		SUPPORT NSTALLATION, TERMINATION, TESTING	01MAR06A	318*	05JUN07		133	2,633.66	75	3,511.55
3101-231		Terminate MC co-wound loops	06AUG07	146*	10MAR08		121	0.00		11,630.84
Termination Boxes										
3101-333		Complete termination box design & prototyping	26SEP05A	47*	31OCT05A			10,833.80	100	10,833.80
3101-421		FDR of terminations incl in saddle loop FDR	01MAY06*	1	01MAY06		835	0.00		0.00
3101-422		Fab Prototype term. Box	01MAY06*	20	26MAY06		816	0.00		3,257.60
3101-517		Fab termination boxes (24)	30MAY06	20	26JUN06		816	0.00		29,098.94
3101-517A		Install termination boxes	06NOV06	173*	18JUL07		248	0.00		10,594.32
Rogowski Coils										
3101-301		LAYOUT LOCATION ROWGOSKI COIL &EST COIL	01JUN05A	166*	31JAN06A			4,924.69	100	4,924.69
3101-309		DESIGN COIL MOUNTING TECHNIQUE	26SEP05A	127*	31MAR06A			3,459.89	100	3,459.89
3101-305		work on coil design with vendor	03OCT05A	165*	31OCT06		727	2,088.22	60	3,480.37
3101-313		DESIGN LEAD ROUTING AND TERMINATION	02OCT06*	20	27OCT06		252	0.00		3,546.00
3101-317		PDR PREP- ROWGOWSKI COIL	30OCT06*	20	28NOV06		252	0.00		5,238.10
3101-318		PDR - ROWGOWSKI COIL		0	28NOV06*		252	0.00		0.00
3101-321		Specify Rogowski Coils	29NOV06*	10	12DEC06		252	0.00		3,546.00
3101-325		FDR PREP ROWGOSKI COIL	13DEC06*	10	03JAN07		252	0.00		3,546.00
3101-326		FDR - ROWGOSKI COIL		0	03JAN07		252	0.00		0.00
3101-329		FAB ROWGOWSKI COILS (2)	04JAN07	10	17JAN07		252	0.00		24,111.00
3101-337		INSTALL COILS AND TERMINATIONS	06AUG07	146*	10MAR08		121	0.00		4,464.68
TF Co-wound Loops										
3101-401		MOUNTING/LOCATING TECHNIQUE TF	25JUL05A	28*	31AUG05A			6,275.20	100	6,275.20
3101-405		DESIGN TERMINATION N/R	01MAY06	1	01MAY06		855	0.00		0.00
3101-409		FINALIZE LOOP LOCATION/MOUNTING TECHNIQUE	01AUG05A	20	31AUG05A			6,416.80	100	6,416.80
3101-417		PROCURE MATERIALS	02OCT06*	8	11OCT06		500	0.00		10,401.00
3101-425		INSTALL HEAT SHRINK CABLE	12OCT06	241*	28SEP07		500	0.00		8,322.00
3101-429		INSTALL TERMINATIONS	06AUG07	146*	10MAR08		121	0.00		8,707.76
Modular Coil Shell Saddle Loops										
3101-501		DETERMINE NUMEBR AND LOCATION OF LOOPS	02OCT06*	59	02JAN07		630	0.00		6,768.40



Run Date **08JUN06 12:31**

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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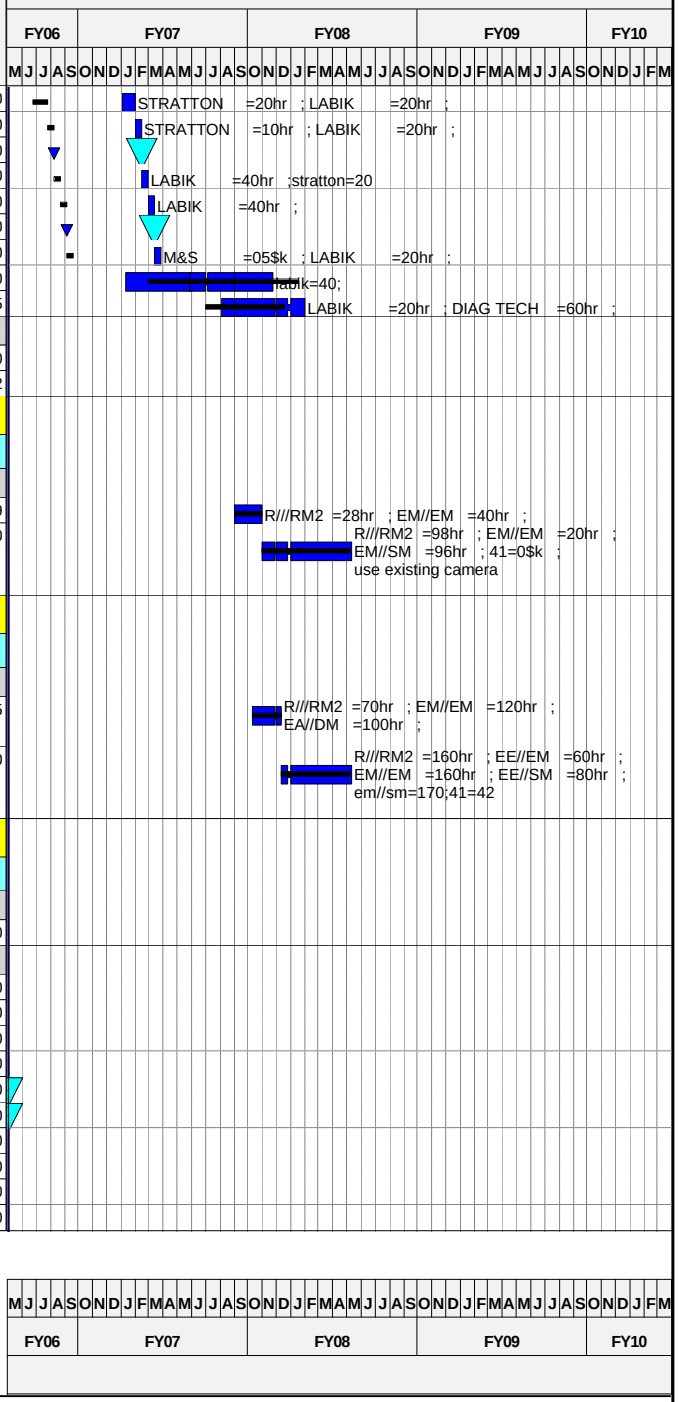
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
3101-505		MOUNTING/LOCATING TECHN MC SHELL SADDLE	03JAN07	20	30JAN07		630	0.00		6,930.20
3101-513		PDR PREP -MC SHELL SADDLE LOOPS	31JAN07*	11	14FEB07		630	0.00		5,238.10
3101-514		PDR-MC SHELL SADDLE LOOPS		0	14FEB07		630	0.00		0.00
3101-521		FINALIZE LOOP LOCATION/MOUNTING TECHNIQUE	15FEB07*	8	26FEB07		630	0.00		10,476.20
3101-525		FDR PREP - MC SHELL SADDLE LOOPS	27FEB07	11	13MAR07		630	0.00		7,092.00
3101-526		FDR - MC SHELL SADDLE LOOPS		0	13MAR07		630	0.00		0.00
3101-529		PROCURE MATERIALS	14MAR07	10	27MAR07		630	0.00		10,401.00
3101-533		INSTALL MC SHELL SADDLE LOOPS	12JAN07*	223*	23NOV07		460	0.00		7,126.30
3101-537		INSTALL TERMINATIONS	06AUG07	120	01FEB08		147	0.00		8,694.45
FY05CV-32		FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			30,000.00		30,000.00
FY06CV-01		FY06 YTD cost vari (offset by scope reductions)	01OCT05A	251	28FEB06A			83,621.42		83,621.42
36 - Edge and Divertor Diagnostics										
Job: 3601 - Edge and Divertor Diagnostics										
361-001		Design Visible Camera sys	04SEP07	40	29OCT07		190	0.00		857.99
361-015		Fab/Assy/Installation Visible Camera	30OCT07*	130	09MAY08		190	0.00		8,575.80
38 - Electron Beam (EB) Mapping										
Job: 3801 - Electron Beam Mapping										
380-010		Designe-Beam Probe,Fluor. Screen	12OCT07	40	10DEC07		190	0.00		9,028.15
380-015		Fab & Install Beam probe	11DEC07*	102	09MAY08		190	0.00		20,610.70
39 - Diagnostics Integration										
Job: 3901 - Diagnostics sys Integration-JOHNSON										
Prior Costs										
390-001		LOE Support FY03	01APR03A	151*	30SEP03A			155,450.00	100	155,450.00
390-100		Finalize VV ports (number,size,locations)		0	30JUN04A			0.00	100	0.00
390-110		Resolve port interferences.Final port config		0	30JUN04A			0.00	100	0.00
390-120		Update port map&revise diag port assignments		0	31OCT05A			0.00	100	0.00
390-130		Rvw status of existing ICD's w/VV & Mod Coils		0	31JAN06A			0.00	100	0.00
390-140		Write ICD's-Define external space for diagnostic		0	28APR06*		856	0.00	50	0.00
390-150		Write ICD's-Define space f/racks in cntrl rm		0	28APR06*		856	0.00	50	0.00
390-160		Start recruiting diag team at HTPD conference		0	30JUN04A			0.00	100	0.00
390-170		Develop space envelopes for SXR		0	31JAN06A			0.00	100	0.00
390-180		Hold CDR's co-wound mag sensors&ext saddle loops		0	31OCT05A			0.00	100	0.00
390-010		LOE Support FY04	01OCT03A	250*	30SEP04A			65,000.00	LOE	65,000.00



Run Date 08JUN06 12:31

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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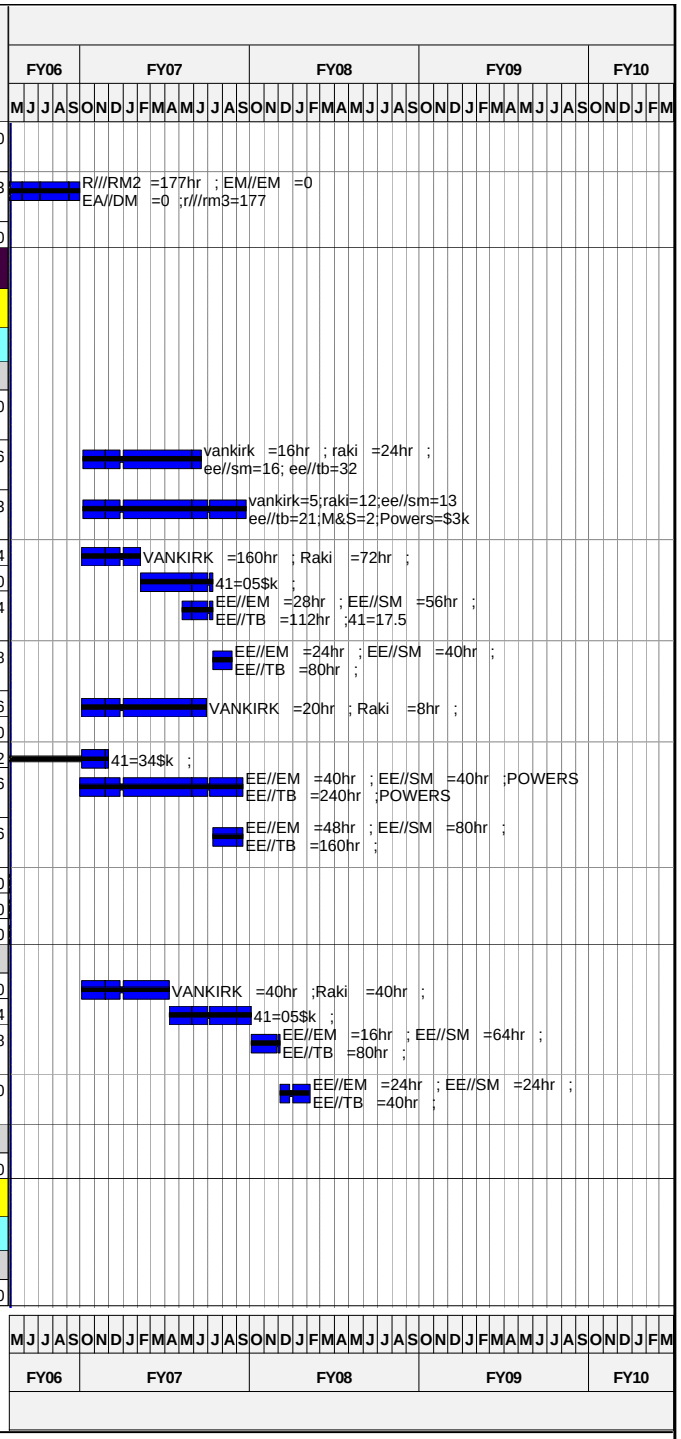
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
390-015		LOE Support FY05 **reduced scope	01OCT04A	*249**	30SEP05A			66,357.30	LOE	66,357.30
390-020		LOE Support FY06	03OCT05A	*249**	29SEP06		***749***	40,193.57	LOE	70,515.03
FY05CV-33		FY05 unrecoverable cost variance	01OCT04A	*251*	30SEP05A			-12,000.00		-12,000.00
4 - Electrical Power Systems										
41 - AC Power										
Job: 4101 - AC Power-RAMAKRISHNAN										
411 - Auxiliary AC Power Systems										
4101-100		Prepare Preliminary One line diagram	01MAR04A	*173**	30SEP04A			8,442.00	100	8,442.00
4101-100.1		Prepare Preliminary One line diagram	06OCT06*	*173*	18JUN07		***572***	0.00		1,076.96
411-1-100	EC45	Ex-Test cell AC pwr-Reactivate& new instl	06OCT06*	*241*	24SEP07		***504***	0.00		12,950.93
411-2-2		Grounding-Dsn	02OCT06*	*86*	08FEB07		***368***	0.00		31,305.04
411-2-4		Grounding-Procure	09FEB07*	*107*	11JUL07		***368***	0.00		6,855.00
411-2-6	EC45	Grounding-Install	10MAY07*	*43*	11JUL07		***368***	0.00		45,438.54
411-2-8		Grounding-Commission	12JUL07*	*29*	21AUG07		***368***	0.00		16,005.68
411-3-2		Test Cell AC Power Distr-Dsn	02OCT06*	*186*	29JUN07		***404***	0.00		3,741.36
411-3-2.04		Test Cell AC Power fy04	01APR04A	*186**	30SEP04A			73,000.00	100	73,000.00
411-3-4		Test Cell AC Power Distr-Procure(pnls & xfrmrs)	01JUL05A	*107**	30NOV06		***548***	8,956.74	20	44,783.72
411-3-6		Test Cell AC Power Distr-Install	28SEP06*	*358*	14SEP07		***351***	15,394.64	50	30,789.26
411-3-8		Test Cell AC Power Distr-Commission	13JUL07*	*45*	14SEP07		***351***	0.00		32,011.36
411-4-2		Standby Power for Cryo Sys -Dsn	01MAY06	*0*	28APR06		***856***	0.00		0.00
411-4-4		Standby Power for Cryo Sys -Procure	01MAY06	*0*	28APR06		***856***	0.00		0.00
411-4-6		Standby Power for Cryo Sys -Install	01MAY06	*0*	28APR06		***856***	0.00		0.00
412 - Experimental AC Power Systems										
412-1-2		D-site Pulsed AC Power Distr-Dsn	02OCT06*	*128*	09APR07		***234***	0.00		11,605.20
412-1-4		D-site Pulsed AC Power Distr-Procure	10APR07	*125*	04OCT07		***234***	0.00		6,860.44
412-1-6		D-site Pulsed AC Power Distr-Install	05OCT07	*40*	03DEC07		***234***	0.00		18,215.68
412-1-8		D-site Pulsed AC Power Distr-Commission	04DEC07	*40*	06FEB08		***234***	0.00		10,866.80
FY05CV-34		FY05 unrecoverable cost variance	01OCT04A	*251*	30SEP05A			2,000.00		2,000.00
43 - DC Systems										
Job: 4301 - DC Systems-RAMAKRISHNAN										
431 - C-Site DC Systems										
431-260		Power loop design	01NOV04A	*350**	23DEC05A			111,112.40	100	111,112.40



Run Date **08JUN06 12:31**

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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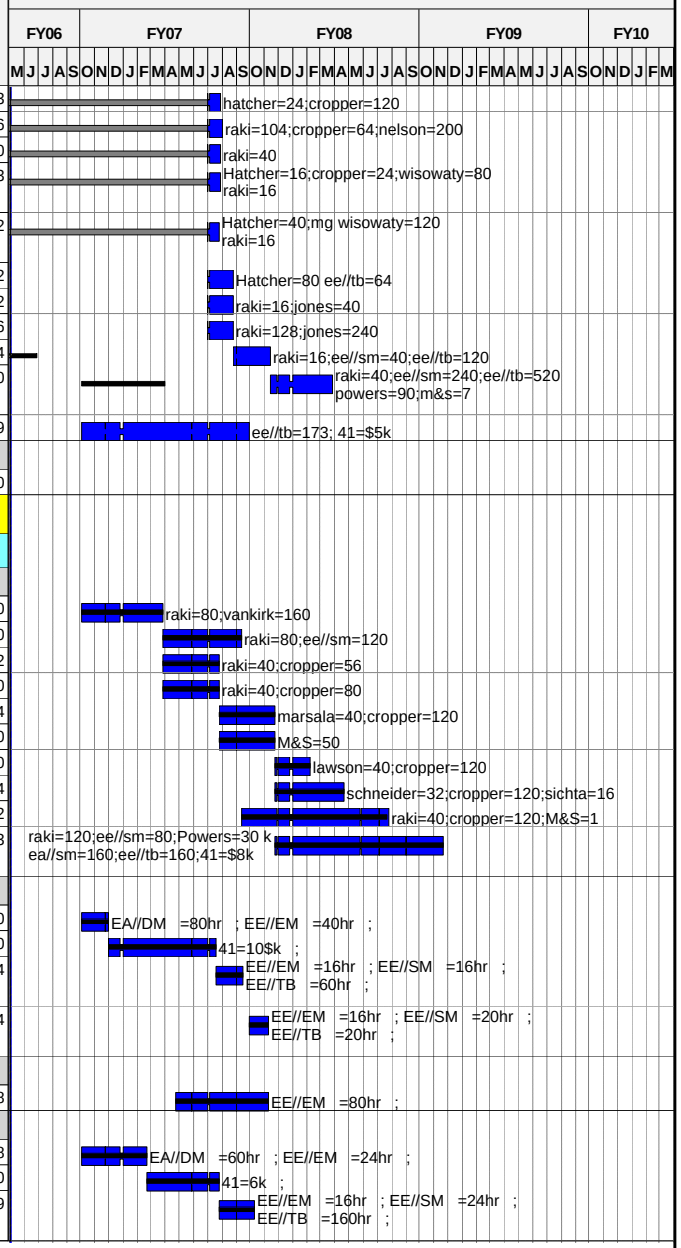
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
431-200		Condition/spare parts inventory	01OCT04A	391*	30JUL07		543	16,945.08	95	17,836.93
431-210		Organize & verify documentation	01OCT04A	371	31JUL07		542	43,338.49	95	45,619.46
431-215		Document status	01OCT04A	371	30JUL07		543	5,775.57	90	6,417.30
431-225	EC45	Reactivate DF & PEI units	01JUL05A	186	30JUL07		543	13,150.74	90	14,611.93
431-230	EC45	Load test	01JUL05A	186	27JUL07		544	16,957.18	90	18,841.32
431-240		Simulate each of 6 pwr loops in PSCAD	02JUL07*	40	27AUG07		523	0.00		19,106.72
431-250		c-site dc sys DGS dsn documentation	02JUL07*	40	27AUG07		523	0.00		7,482.72
431-261	EC45	Redo power loop design	02JUL07*	40	27AUG07		242	0.00		50,392.96
431-265		Fabricate bus components	28AUG07*	55	13NOV07		242	0.00		18,266.74
431-275		Power cabling & Installation	14NOV07*	88	27MAR08		242	0.00		220,005.80
431-276	EC45	Maint of C-site rectifiers	02OCT06*	249	28SEP07		500	0.00		21,357.59
FY05CV-35		FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			69,000.00		69,000.00
44 - Control and protection Systems										
Job: 4401 - Control & Protection-RAMAKRISHNAN										
441 - Electrical Interlocks										
441-095		Design Interlock sys	03OCT06*	118	27MAR07		212	0.00		32,679.20
441-097		Install Interlock sys	28MAR07	119	13SEP07		297	0.00		29,272.00
441-100		PLC Specification	28MAR07	85	26JUL07		212	0.00		14,118.32
441-105		Prep Block diagrams	28MAR07	85	26JUL07		212	0.00		17,224.40
441-110		PLC CWD's & Cabling	27JUL07*	85	23NOV07		212	0.00		22,685.24
441-115		deliver PLC	27JUL07*	85	23NOV07		460	0.00		70,250.00
441-120		Program PLC Logic	26NOV07	45	07FEB08		415	0.00		23,004.80
441-125		Program Control pages	26NOV07	97	21APR08		363	0.00		24,097.84
441-130		Pre-commissioning tests	14SEP07	214	24JUL08		297	0.00		24,377.02
441-135		Install I/O Cabling	26NOV07	248	21NOV08		212	0.00		119,291.33
442 - Kirk Key Interlocks										
442-1-2		Kirk Keys-Dsn	02OCT06*	41	29NOV06		288	0.00		16,339.60
442-1-4		Kirk Keys-Procure	30NOV06	158	19JUL07		288	0.00		13,710.00
442-1-6		Kirk Keys-Install	20JUL07	40	14SEP07		288	0.00		44,123.84
442-1-8		Kirk Keys-Commission	01OCT07	30	09NOV07		288	0.00		7,202.24
443 - Real Time Control Systems										
443-1-2		Develop Control Algorithms-Dsn	23APR07*	142	09NOV07		262	0.00		13,819.68
444 - Instrument Systems										
444-2-2		DC Potential Transducers (DCPTs)-Dsn	02OCT06*	95	21FEB07		454	0.00		11,224.08
444-2-4		DC Potential Transducers (DCPTs)-Procure	22FEB07	109	26JUL07		454	0.00		8,226.00
444-2-6		DC Potential Transducers (DCPTs)-Install	27JUL07	51	08OCT07		454	0.00		19,328.29



Run Date **08JUN06 12:31**

Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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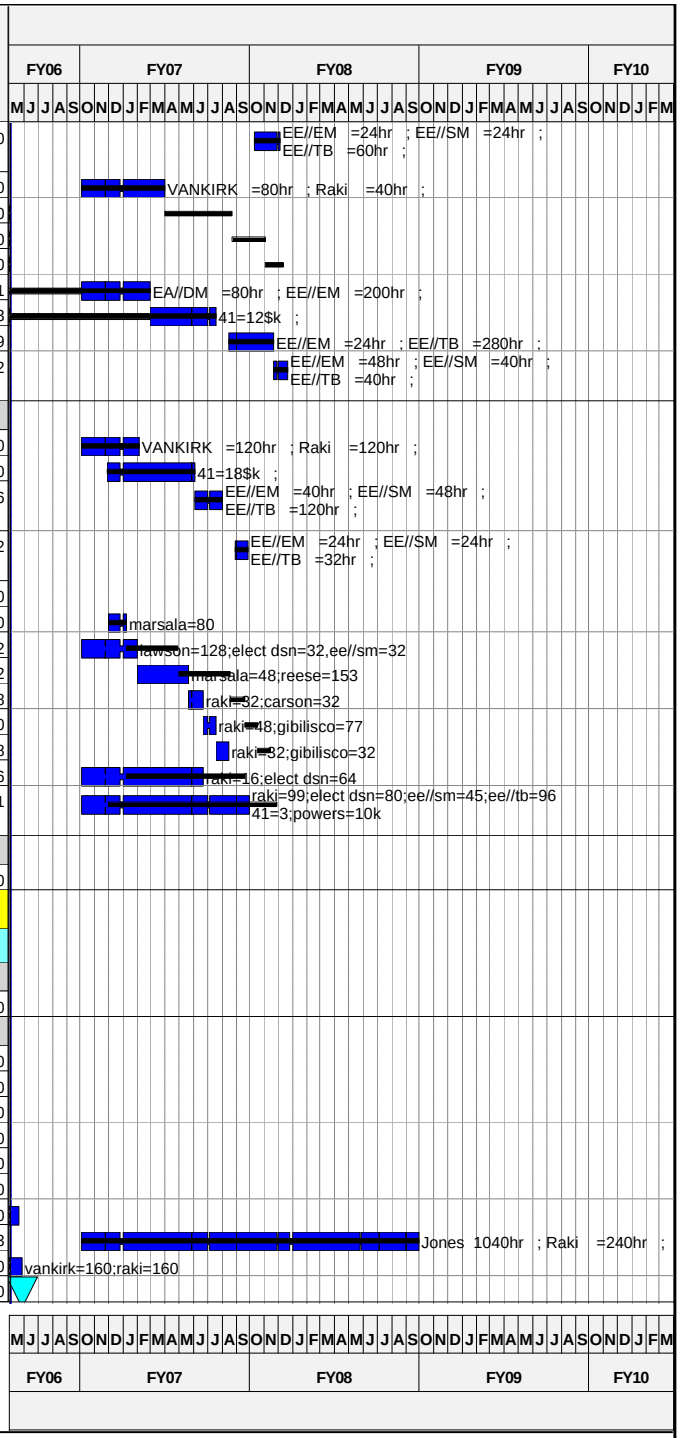
444-2-8		DC Potential Transducers (DCPTs)-Commission	09OCT07	40	05DEC07		454	0.00		12,588.60
444-3-2		DC Shunts-Dsn	02OCT06*	122	30MAR07		627	0.00		16,339.60
444-3-4	EC45	DC Shunts-Procure**N/R**	01MAY06	0	28APR06		856	0.00		0.00
444-3-6	EC45	DC Shunts-Install**N/R**	01MAY06	0	28APR06		856	0.00		0.00
444-3-8	EC45	DC Shunts-Commission**N/R**	01MAY06	0	28APR06		856	0.00		0.00
444-4-2		Signal Conditioning & Cabling-Dsn	01JUL05A	165*	28FEB07		442	6,311.87	15	42,079.11
444-4-4		Signal Conditioning & Cabling-Procure	01JUL05A	511*	18JUL07		442	2,433.69	15	16,224.63
444-4-6		Signal Conditioning & Cabling-Install	15AUG07	68	19NOV07		442	0.00		27,988.59
444-4-8		Signal Conditioning & Cabling-Commission	20NOV07	22	21DEC07		442	0.00		17,226.72
445 - Coil Protection Systems										
445-1-2		Ground Fault Protection-Dsn	02OCT06*	82	02FEB07		405	0.00		34,815.60
445-1-4		Ground Fault Protection-Procure	27NOV06*	130	05JUN07		319	0.00		24,678.00
445-1-6		Ground Fault Protection-Install	06JUN07*	40	01AUG07		319	0.00		23,142.56
445-1-8		Ground Fault Protection-Commission	30AUG07	20	27SEP07		319	0.00		9,911.12
445-2-0		Overload Protection & Cabling-Prelim Dsn	01MAR04A	272	30SEP04A			1,054.90		1,054.90
445-2-105		Overload Protect-Write spec and approve	01DEC06*	20	05JAN07		687	0.00		13,741.60
445-2-110	EC45	Overload Protect-Design	02OCT06*	80	31JAN07		530	0.00		29,915.52
445-2-115	EC45	Overload Protect-Fabr 4 chassis 120 modls	01FEB07*	79	22MAY07		530	0.00		28,046.22
445-2-120	EC45	Overload Protect-Test 4 units	23MAY07	20	20JUN07		530	0.00		9,638.08
445-2-125	EC45	Overload Protect-Install & Rack wiring	21JUN07	20	19JUL07		530	0.00		18,210.30
445-2-130	EC45	Overload Protect-Write & perform ISTP	20JUL07	20	16AUG07		530	0.00		9,638.08
445-2-135	EC45	Overload Protect-Documentation	02OCT06*	180	21JUN07		569	0.00		10,323.36
445-2-140	EC45	Overload Protection&cabling design,procure instl	02OCT06*	249	28SEP07		500	0.00		58,168.61
FY05CV-36		FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			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			112,340.00	100	112,340.00
451 - System Design & Interfaces										
4501-100		Design Drawings	02FEB04A	193*	30SEP04A			19,807.80	100	19,807.80
4501-110		Calculations-FY04	01MAR04A	151*	30SEP04A			0.00	100	0.00
451-0-1		C-Site Decision	30APR04A	0	30APR04A			0.00	100	0.00
451-7-2		FDR DC transmission-Dsn	01MAY04A	0*	28MAY04A			10,084.00	100	10,084.00
451-7-20		FDR DC transmission		0	28MAY04A			0.00	100	0.00
451-2-1		CDR Power system -Dsn	01DEC04A	208*	31AUG05A			41,299.20	100	41,299.20
451-0-2		Develop SRD	01MAY06	15	19MAY06		841	0.00		0.00
451-3-2		Dwgs,asbuilts -Elect Dsn	02OCT06*	499*	30SEP08		250	0.00		166,536.83
451-2-2		PDR Prep Power system -Dsn	01APR06A	20	26MAY06		796	4,542.72	10	45,427.20
451-2-3		PDR Power system -Dsn		0	26MAY06		836	0.00		0.00



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Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
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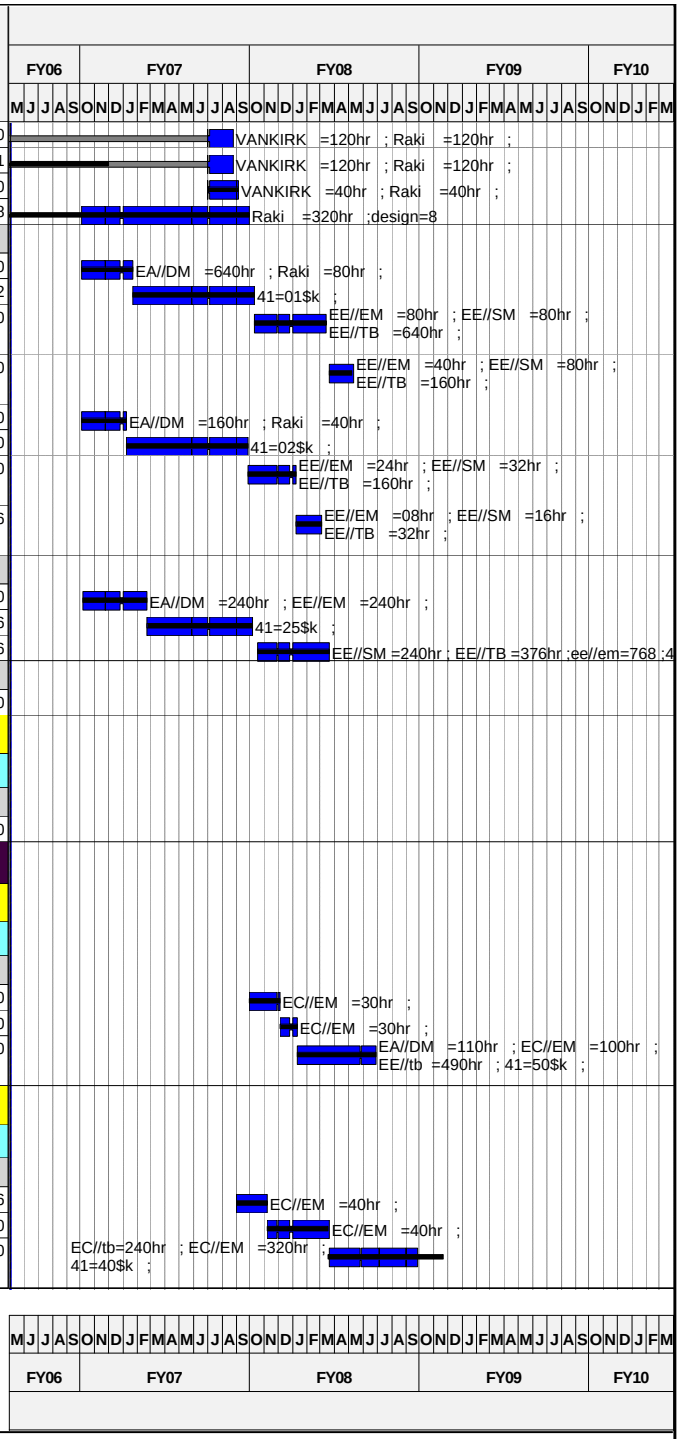
451-6-2		FDR C-Site -Cabling	01SEP05A	143	27AUG07		523	1,693.90	5	33,878.00
451-2-2.1		FDR C-Site	01NOV05A	101	27AUG07		523	685.63	2	34,281.81
451-4-2		FDR AC auxiliaries & grounding-Dsn	02JUL07*	45	04SEP07		518	0.00		11,605.20
451-1-2		Calculations-Dsn	02OCT06*	249*	28SEP07		500	0.00		55,913.28
452 - Electrical Systems Support										
452-1-2		Diagnostics AC Power Distr-Dsn	03OCT06*	72	22JAN07		190	0.00		89,492.00
452-1-4		Diagnostics AC Power Distr-Procure	23JAN07	182	08OCT07		190	0.00		1,372.12
452-1-6		Diagnostics AC Power Distr-Install	09OCT07	105	14MAR08		190	0.00		79,841.60
452-1-8		Diagnostics AC Power Distr-Commission	20MAR08	37	09MAY08		190	0.00		31,462.80
452-2-2		Diagnostics sensor cabling-Dsn	03OCT06*	61	05JAN07		238	0.00		25,808.40
452-2-4		Diagnostics sensor cabling-Procure	08JAN07	185	26SEP07		238	0.00		2,742.00
452-2-6		Diagnostics sensor cabling-Install	27SEP07	65	08JAN08		238	0.00		22,242.90
452-2-8		Diagnostics sensor cabling-Commission	09JAN08	40	04MAR08		238	0.00		6,292.56
453 - System Testing (PTP's)										
453-1-2		New Procedures	06OCT06*	90	20FEB07		343	0.00		69,631.20
453-1-4		Preop Testing-Procure test equipt	21FEB07*	160	05OCT07		343	0.00		34,301.56
453-1-8		Testing PTPs, ISTPs	19OCT07*	100	19MAR08		234	0.00		213,785.76
FY05CV-37		FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			-52,000.00		-52,000.00
46 - FCPC Building Modifications										
Job: 4601 - FCPC Bldg Mods-RAMAKRISHNAN										
Prior Costs										
4601-001		Apr-Sept MIE Cost	01APR03A	43*	30SEP03A			1,300.00	100	1,300.00
5 - Central I&C Systems										
51 - TCP/IP Infrastructure Systems										
Job: 5101 - TCP/IP Infrastructure Systems										
51-10	EC45	Preliminary Design (Title I)	01OCT07*	45	04DEC07		227	0.00		4,695.30
51-20	EC45	Final Network Design (Title II)	05DEC07	20	10JAN08		227	0.00		4,695.30
51-30	EC45	Installation, Testing, Documentation (Title III)	11JAN08	120	27JUN08		227	0.00		141,455.60
52 - Central Instrumentation & Control										
5201 - I&C Systems										
52-10	EC45	Preliminary Design (Title I)	04SEP07*	45	05NOV07		164	0.00		6,191.16
52-20	EC45	Final Design (Title II)	06NOV07	87	18MAR08		164	0.00		6,260.40
52-30	EC45	Installation, Testing, Documentation (Title III)	19MAR08	135	26SEP08		164	0.00		125,608.00



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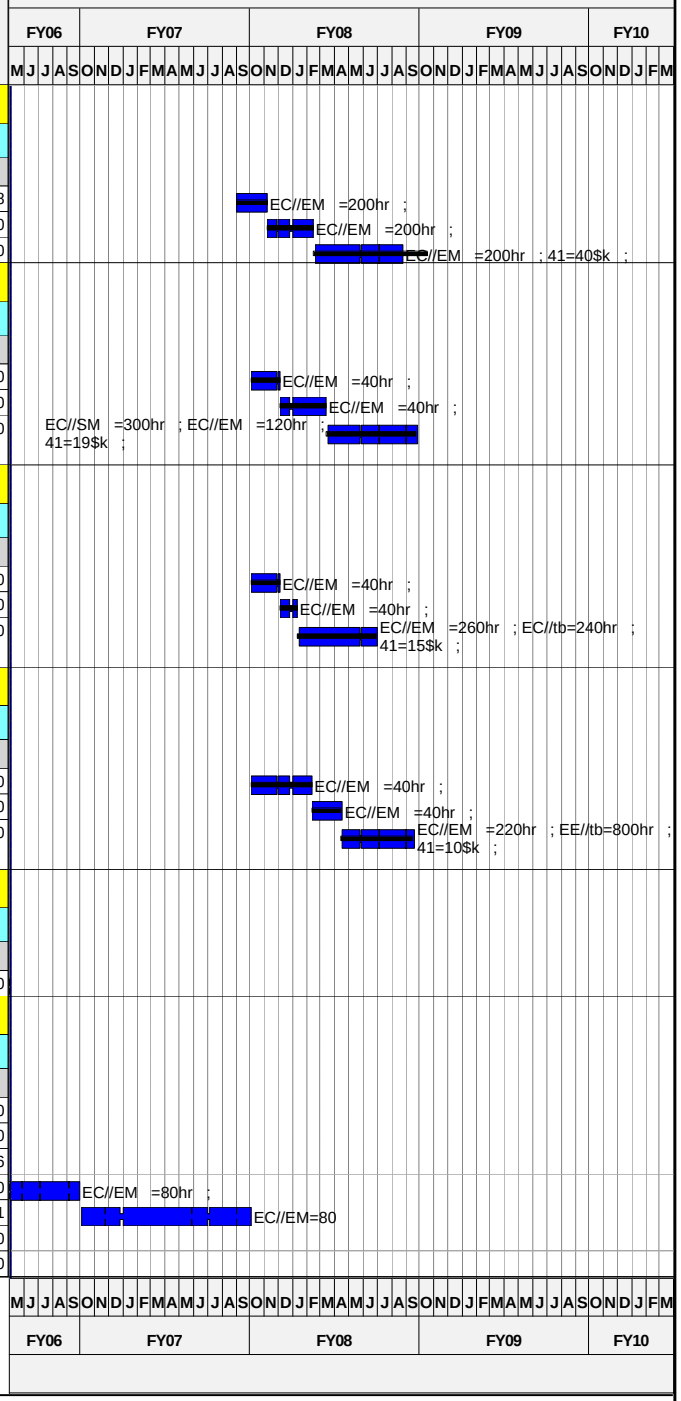
53 - Data Acquisition & Facility Computing										
5301 - Data Acquisition										
53-10	EC45	Preliminary Design (Title I)	04SEP07*	45	05NOV07		186	0.00		30,955.78
53-20	EC45	Final Design (Title II)	06NOV07	65	15FEB08		186	0.00		31,302.00
53-30	EC45	Coding, Configuration, Testing (Title III)	18FEB08	135	26AUG08		186	0.00		87,502.00
54 - Facility Timing & Synchronization										
Job: 5401 - Facility Timing & Synchronization										
54-10	EC45	Preliminary Design (Title I)	02OCT07*	45	05DEC07		166	0.00		6,260.40
54-20	EC45	Final Design (Title II)	06DEC07	65	14MAR08		166	0.00		6,260.40
54-30	EC45	Installation, Testing, Documentation (Title III)	17MAR08	135	24SEP08		166	0.00		69,632.20
55 - Real Time Plasma & Power Supply Control Sys										
5501 - Real Time Control System										
55-10	EC45	Preliminary Design (Title I)	02OCT07*	45	05DEC07		226	0.00		6,260.40
55-20	EC45	Final Design (Title II)	06DEC07	20	11JAN08		226	0.00		6,260.40
55-30	EC45	Installation, Testing, Documentation (Title III)	14JAN08	120	30JUN08		226	0.00		81,092.40
56 - Central Safety Interlock Systems										
Job: 5601 - Central Safety Interlock Systems										
56-10	EC45	Preliminary Design (Title I)	02OCT07*	87	12FEB08		171	0.00		6,260.40
56-20	EC45	Final Design (Title II)	13FEB08	45	15APR08		171	0.00		6,260.40
56-30	EC45	Installation, Testing, Documentation (Title III)	16APR08	108	17SEP08		171	0.00		116,850.20
57 - Control Room Facility										
Job: 5701 - Control Room Facility										
57-10			01MAY06	0	28APR06		856	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			11,900.00	LOE	11,900.00
51-01		FY04 LOE support	01OCT03A	250*	30SEP04A			16,000.00	LOE	16,000.00
51-02		FY05 LOE support	01OCT04A	249*	30SEP05A			12,462.26	LOE	12,462.26
58-FY06	EC45	FY07 LOE support	01MAY06*	107*	29SEP06		749	0.00	LOE	11,932.00
58-FY07	EC45	FY07 LOE support	02OCT06*	250*	01OCT07		499	0.00	LOE	12,194.11
FY05CV-38		FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			-7,000.00		-7,000.00
FY06CV-180	EC45	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			340.00	100	340.00



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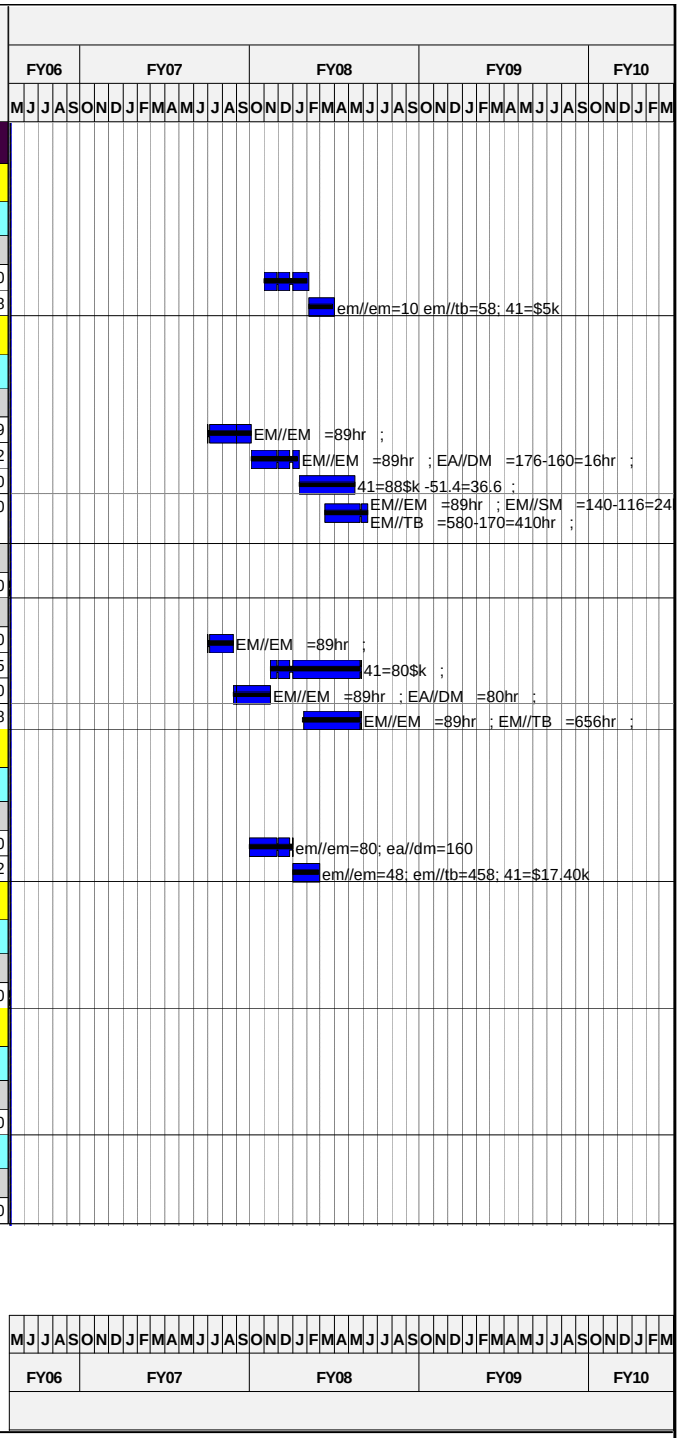
6 - Facility Systems										
61 - Water Systems										
Job:6101 - Water Systems										
613 - Vacuum Pumping System										
623.011	EC45	Design WBS 612 **N/R**	01NOV07*	59	04FEB08		214	0.00		0.00
632.021	EC45	WBS 612 Assembly/Fabrication/Installation	05FEB08	40	31MAR08		214	0.00		13,802.48
62 - Cryogenic Systems										
Job: 6201 - Cryogenic Systems										
621 - LN2-LHe Supply System										
631-001		Preliminary Design	02JUL07*	65	02OCT07		240	0.00		15,792.79
631-010		Final Design**reduced scope	03OCT07	65	14JAN08		240	0.00		18,149.92
631-020		Procurement **reduced scope	15JAN08	88	15MAY08		240	0.00		123,078.00
631-015		Fab/Assy/Installation**reduced scope	11MAR08	65	10JUN08		240	0.00		71,991.50
622 - LN2 Coil Cooling Supply										
632-001		**deleted scope	01MAY06	0	28APR06		856	0.00		0.00
623 - GN2 Cryostat Cooling System										
633-001		Preliminary Design	02JUL07*	40	27AUG07		250	0.00		15,779.70
633-020		Procurement	14NOV07	130	27MAY08		250	0.00		112,329.75
633-010		Final Design	28AUG07	55	13NOV07		250	0.00		25,644.50
633-015		Fab/Assy/Installation	24JAN08	88	27MAY08		250	0.00		72,266.88
63 - Utility Systems										
Job: 6301 - Utility Systems										
640.011		Design GN2, Air & Vent Systems	01OCT07*	59	02JAN08		249	0.00		34,014.40
640.021		Assembly/Fabrication	03JAN08	40	27FEB08		249	0.00		72,889.52
64 - PFC/VV Heating & Cooling*ELIMINATED*										
Job: 6401 - PFC/VV Heating & Cooling										
650.001		Eliminated scope	01MAY06	0	28APR06		856	0.00		0.00
65 - Facility Systems Integration										
Job: 6163 - Facility Systems Support FY04										
65-03		LOE WBS 6	01OCT03A	250*	30SEP04A			15,000.00	LOE	15,000.00
Job: 6501 - Facility Systems Integration-DUDEK										
Prior Costs										
6501-001		Apr-Sept MIE Cost PPPL	01APR03A	0	30SEP03A			9,380.00	100	9,380.00



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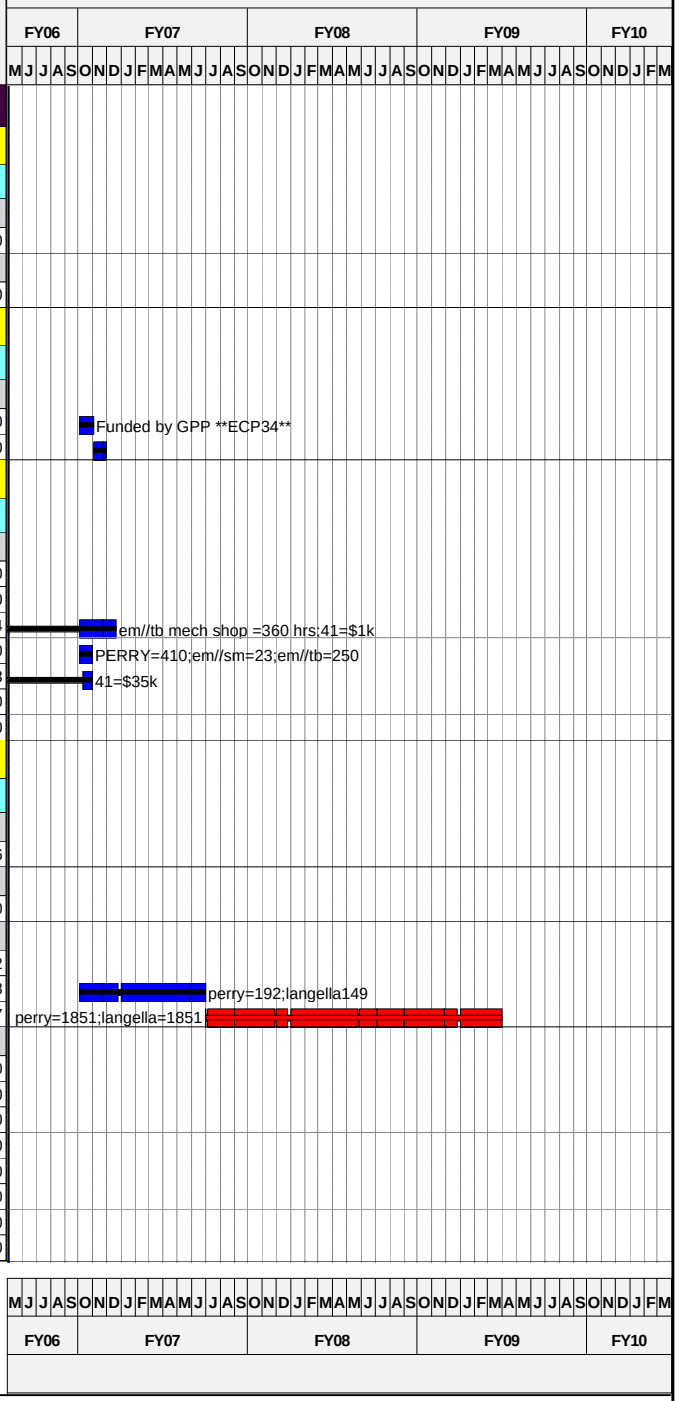
7 - Test Cell Preparation and Machine Assy										
71 - Shield Wall Seismic Modifications										
Job: 7101 - Shield Wall Modif Design-PERRY										
Prior Costs										
7101-000		Apr-Sept MIE Cost PPPL	01APR03A	66	30SEP03A			32,150.00	100	32,150.00
FY06CV-185	EC45	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			490.00	100	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
711B.050	EC45	Complete Control Room Flooring **post CD-4**	03NOV06*	18	30NOV06		707	0.00		0.00
73 - Platform Design & Fabrication										
Job: 7301 - Platform Design & Fab-PERRY										
712.008		Update Platform Specification	01JUN05A	0*	30JUN05A			6,416.80	100	6,416.80
712.010		Final Design	02MAY05A	43*	30JUN05A			53,163.80	100	53,163.80
711A.040		Platform nut plates	01APR05A	187*	22DEC06		691	26,209.21	90	29,121.34
712.020		Platform Parts	02OCT06*	22	31OCT06		727	0.00		25,591.00
712.030		Miscs Hardware/Material	01JUL05A	83*	31OCT06		481	36,414.50	80	45,518.13
FY05CV-39		FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			-50,000.00		-50,000.00
FY06CV-195	EC45	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			3,740.00	100	3,740.00
74 - Machine Assembly Planning and Oversight										
Job: 7401 - TC Prep & Mach Assy Planning-PERRY										
Oversight and Supervision										
711A.020		LOE FY04	01OCT03A	256*	30SEP04A			148,582.46	LOE	148,582.46
Prior Costs										
7401-001		Apr-Sept MIE Cost PPPL	01APR03A	66	30SEP03A			164,000.00	100	164,000.00
Project Scope										
714.010		LOE FY05	01OCT04A	249*	30SEP05A			109,972.42	LOE	109,972.42
714.020		LOE FY06 prior to assy starting	02OCT06*	187*	02JUL07		562	0.00		53,510.98
714.030		LOE FY07 thru first plasma	02JUL07*	434*	31MAR09		129	0.00		876,727.47
FED/Infrastructure Support (non Project cost)										
613.010		Remove Shield Walls ** GPP **	01APR04A	64*	22JUN04A			0.00	100	0.00
613.015		Fabricate New Bottom Course of Blocks **GPP**	01APR04A	207*	31JAN05A			0.00	100	0.00
613.017		Install New Bottom Course **GPP**	01AUG05A	0*	31AUG05A			0.00	100	0.00
613.020		Remove south PLT shielding (cc 7230)	01JUN04A	0*	22JUN04A			0.00	100	0.00
613.025		Dispose of old south PLT shielding **GPP**	01AUG04A	0*	31AUG04A			0.00	100	0.00
EXFAC003		Clear PBX control room & Safe PBX (cc7230)	27JAN03A	110*	30JUN03A			0.00	100	0.00
EXFAC004		Remove Fire protection PLT wall (cc7230)	01MAY03A	21	09MAY03A			0.00	100	0.00
EXFAC005		Remove Fire Protection under platform (cc7230)	01APR03A	21	30APR03A			0.00	100	0.00



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Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

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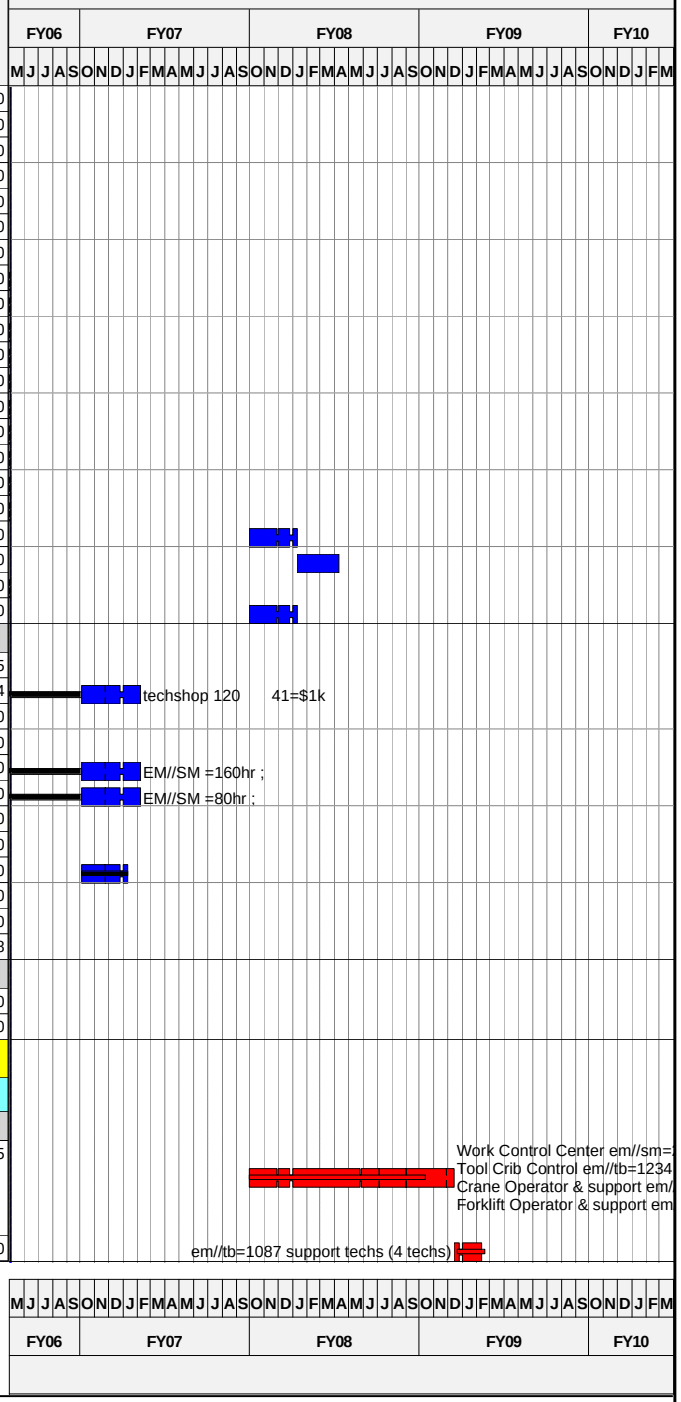
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
EXFAC006		Remove Fire Protection Control rm walls(cc7230)	01MAY03A	21	09MAY03A			0.00	100	0.00
EXFAC007		Remove PBX Base Plates cc7230)	25FEB04A	48*	12MAR04A			0.00	100	0.00
GPP001		GPP-Upgarde C-Site central chilled wtr plant*TBD	01OCT02A	1	01OCT02A			0.00	100	0.00
GPP004		GPP-Roofing Design	01APR04A	291	31MAY05A			0.00	100	0.00
GPP004.1		GPP-Roofing Install	01MAY05A	0	31MAY05A			0.00	100	0.00
GPP005		GPP-Test Cell lighting Design	01APR04A	206*	31JAN05A			0.00	100	0.00
GPP005.1		GPP-Test Cell lighting Install ***TBD***	02MAY05A	0	31MAY05A			0.00	100	0.00
GPP006		GPP-Test Cell HVAC/dew point control Design*TBD	01MAY06	0	28APR06		856	0.00		0.00
GPP006.1		GPP-Test Cell HVAC/dew point control InstallTBD	01MAY06*	0	28APR06		856	0.00		0.00
GPP007		GPP-C-Site elevators Design	01MAY06*	0	28APR06		856	0.00		0.00
GPP007.1		GPP-C-Site elevators Install	01MAY06	0	28APR06		856	0.00		0.00
GPP008		GPP-Fire suppression high bay design*TBD*	01MAY06	0	28APR06		856	0.00		0.00
GPP008.1		GPP-Fire suppression high bay install*TBD*	01MAY06	0	28APR06		856	0.00		0.00
GPP009		Control Room Lights & Outlets design*TBD*	01MAY06	0	28APR06		792	0.00		0.00
GPP009.1		Control Room Lights & Outlets install*TBD*	01MAY06	0	28APR06		792	0.00		0.00
GPP010		Control Room HVAC Design **TBD**	01MAY06	0	28APR06		792	0.00		0.00
GPP010.1		Control Room HVAC Install **TBD**	01MAY06	0	28APR06		792	0.00		0.00
GPP011		Control Room Ceiling Design	01OCT07*	64	09JAN08		372	0.00		0.00
GPP011.1		Control Room Ceiling Install	10JAN08	64	08APR08		372	0.00		0.00
GPP012		Control Rm Fire Detection & Suppression Design	01MAY06*	0	28APR06		728	0.00		0.00
GPP012.1		Control RmFire Detection & Suppression Install	01OCT07*	64	09JAN08		372	0.00		0.00
Test Cell Modifications & Upgrades										
714.020X		TC power instl	01AUG05A	436*	30SEP05A			63,673.65		63,673.65
613.030		Test Cell copper ground plane cuts	01JUL05A	151	07FEB07		664	8,694.27	80	10,867.84
713.010		General procurements	02APR05A	128*	30SEP05A			19,215.00	LOE	19,215.00
7502-000		Outlet Design	02FEB04A	107*	30JUN04A			25,272.00	100	25,272.00
7502-001		Test Cell 110v outlets	01APR05A	214	07FEB07		664	12,930.12	70	18,471.60
7502-002		Test Cell 208v outlets	01APR05A	214	07FEB07		664	6,465.06	70	9,235.80
7502-003		Install 480v power in test cell	01SEP05A	0*	30SEP05A			0.00	100	0.00
7502-004		Install 120v panels in test cell	01SEP05A	0*	30SEP05A			0.00	100	0.00
7502-010	EC45	Ready Rooms (under cntrl rm)110v outletsDELETED	02OCT06*	65	10JAN07		558	0.00		0.00
7502-011		Cable Removal in test cell (S04335-32)	01OCT03A	0*	31OCT03A			9,937.20	100	9,937.20
7502-025		TC Floor penetration covers	03NOV03A	42	26NOV03A			16,848.00	100	16,848.00
EXFAC001.2		Complete Crane Modifications (S04354)	02FEB04A	0*	30JAN04A			37,608.48	100	37,608.48
FY05CV-40		FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			178,000.00		178,000.00
FY06CV-200	EC45	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			32,120.00	100	32,120.00
75 - Test Cell and Basement Assembly Operations										
7501 - Construction Support Crew										
7501-05	EC45	Construction Support Crew during machine assy	01OCT07	301*	12DEC08		121	0.00		833,947.45
7501-06	EC45	Construction Support Crew e-beam mapping&ISTP	15DEC08	35*	10FEB09		121	0.00		102,211.20



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Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
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MAY 2006

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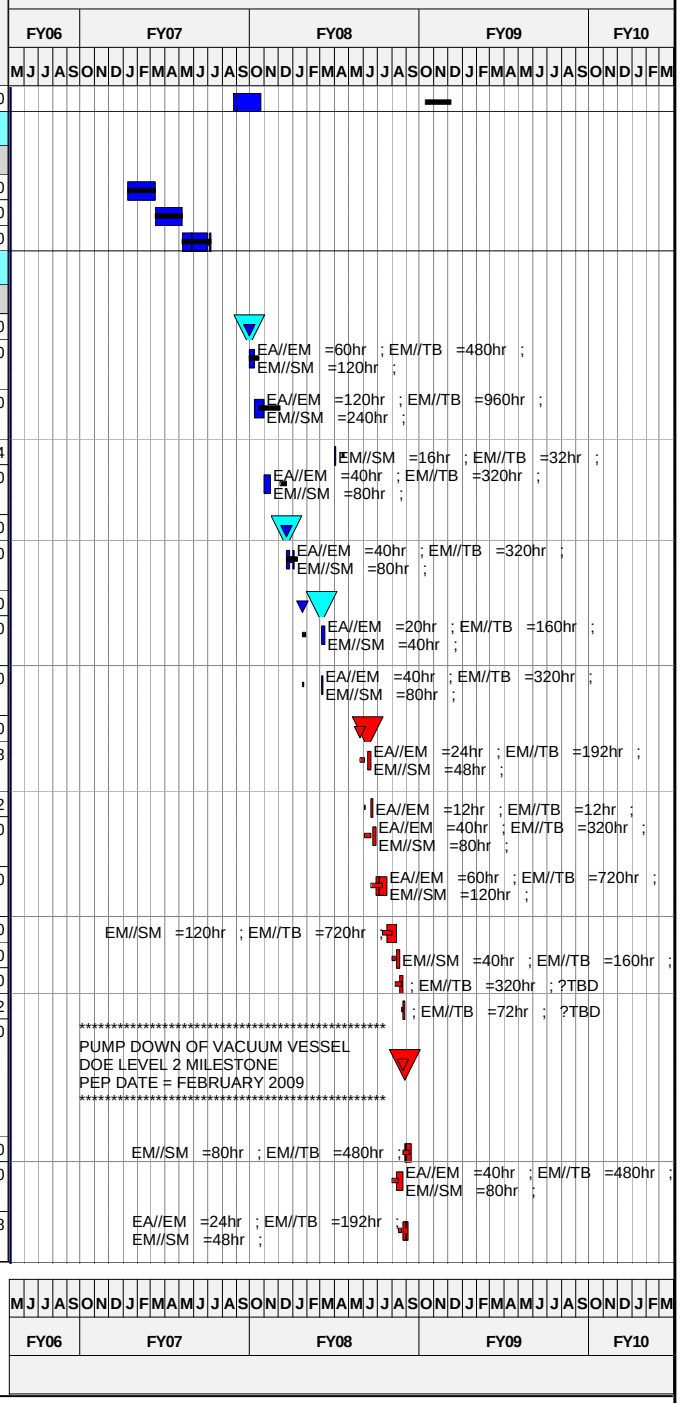
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
7501-07		Construction Support Crew	28AUG07*	40	23OCT07		483	0.00		0.00
7502 - Test Cell Facility Preparations										
7502-020	EC45	Resurface TC floor**DELETED**	11JAN07*	42	09MAR07		558	0.00		0.00
7502-030	EC45	TC Floor firesealing**DELETED**	12MAR07	42	08MAY07		558	0.00		0.00
7502-035	EC45	Control room firesealing**DELETED**	09MAY07	42	09JUL07		558	0.00		0.00
7503 - Machine Assembly										
Revised Assembly Logic (ecp18)										
7503-010		Begin Assembly Activities	01OCT07*	0			254	0.00		0.00
7503-020	EC45	Install & Level Support Base Plates	01OCT07	8	10OCT07	2	254	0.00		68,122.20
7503-030	EC45	Install/Level FPA's and Spool Piece supports	11OCT07	15	31OCT07	2	254	0.00		136,244.40
7503-060		Install Lower PF 4,5&6 into prelim position	31MAR08	2	01APR08		169	0.00		4,887.04
7503-070		Install 3 Spool Pieces on fixt & test movement	01NOV07	10	14NOV07		254	0.00		45,414.80
7503-080		FPA-1 Installed on support platform		0	19DEC07		231	0.00		0.00
7503-090	EC45	Install local Platforms around FPA-1	20DEC07	5	04JAN08	2	237	0.00		45,414.80
7503-110		FPA-2 Installed on support platform		0	03MAR08		185	0.00		0.00
7503-120		Test movement of FPA-1& -2 & position checks.	04MAR08	5	10MAR08		185	0.00		22,707.40
7503-130		Install local Platforms around FPA-2	04MAR08	3	06MAR08		193	0.00		45,414.80
7503-150		FPA-3 Installed on support platform		0	09JUN08		121	0.00		0.00
7503-160		Position all FPA's / Spool Pieces @ MC Interface	10JUN08	6	17JUN08		121	0.00		27,248.88
7503-170		FPA Metrology Checks to Assure Alignment	18JUN08	3	20JUN08		121	0.00		3,217.32
7503-190	EC45	Install local Platforms around FPA-3	23JUN08	5	27JUN08	2	121	0.00		45,414.80
7503-180		MC Interfaces: shim, ream holes ,bolt together	30JUN08	15	21JUL08		121	0.00		88,632.60
7503-200		Mate-up and weld all VV-to-Spool interfaces	22JUL08	15	11AUG08		121	0.00		77,673.60
7503-240		Bolt on preassembled pump duct	12AUG08	5	18AUG08		121	0.00		19,054.40
7503-240.1	EC45	Install insulation boots	19AUG08	5	25AUG08	2	121	0.00		27,347.20
7503-240.2	EC45	Install insulation	26AUG08	2	27AUG08	2	121	0.00		6,153.12
7503-250		Begin Vac Vsl Pumpdown	28AUG08	0			121	0.00		0.00
7503-260		PTP Pumpdown & leak check VV	28AUG08	10	11SEP08		121	0.00		51,782.40
7503-210		Fit-up all TF coils	12AUG08	10	25AUG08		121	0.00		59,088.40
7503-270		Raise lower PF 4,5&6 coils into final position	26AUG08	6	03SEP08		121	0.00		27,248.88



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Forecast
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Progress Bar
Critical Activity

EC45

NCSX
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MAY 2006

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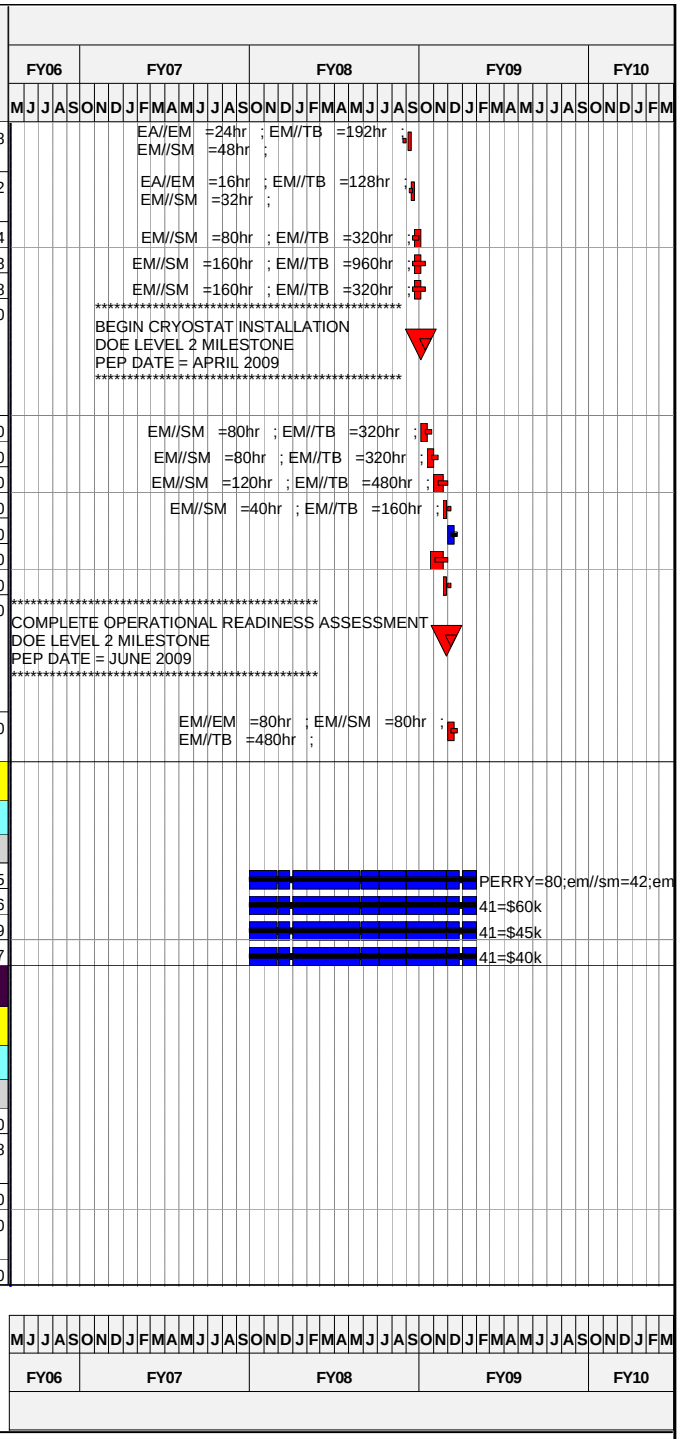
7503-280		Install Upper PF 4,5 & 6 coils	04SEP08	6	11SEP08		121	0.00		27,248.88
7503-290		Install PF Solenoid into position (U/L PF1,2,3)	12SEP08	4	17SEP08		121	0.00		18,165.92
7503-310		Complete LN2 connections	18SEP08	10	01OCT08		121	0.00		38,367.44
7503-320	EC45	Complete Elect Pwr connections	18SEP08	10	01OCT08	2	121	0.00		104,267.68
7503-321	EC45	Complete mag diag & machine I&C	18SEP08	10	01OCT08	2	121	0.00		49,202.08
7503-330		Begin Cryostat Installation	02OCT08	0			121	0.00		0.00
7503-340		Install Cryostat Base, vapor barrie& port boots	02OCT08	10	15OCT08		121	0.00		40,695.20
7503-350		Install Cryostat upper section,VB and port boots	16OCT08	10	29OCT08		121	0.00		40,695.20
7503-360		Install Midplane Cryostat sections and port boot	30OCT08	15	19NOV08		121	0.00		61,042.80
7503-370		Install Cryostat Circulation Duct	20NOV08	5	26NOV08		121	0.00		20,347.60
730.8200Z		PTP and Cooldown (dup of 730.8200)	01DEC08	10	12DEC08		199	0.00		0.00
730.1248		ACC Review	23OCT08	20	19NOV08		121	0.00		0.00
730.1249		PSO Operational Readiness Assessment	20NOV08	5	26NOV08		121	0.00		0.00
730.1250		PSO Operational Readiness Assessment		0	26NOV08		121	0.00		0.00
730.8200		PTP and Cooldown	01DEC08	10	12DEC08		121	0.00		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
713.030		Tooling,assy fixtures,misc equipt	01OCT07*	329*	30JAN09		171	0.00		84,804.26
713.040		General procurements	01OCT07*	329*	30JAN09		171	0.00		63,603.19
713.050		Welding tools, materials & equipt	01OCT07*	329*	30JAN09		171	0.00		56,536.17
8 - Project Oversight and Support										
81 - Project Management and Control										
Job: 8101 - Project Management & Control-NEILSON										
FY04 Actual Cost										
M-0110		CD-2		0	03FEB04A			0.00		0.00
810.009		PDR Support	01OCT03A	3*	31OCT03A			41,163.08	100	41,163.08
M-0115		CD-3		0	16SEP04A			0.00		0.00
810.002		Project Management Office PPPL FY04	01OCT03A	256*	30SEP04A			685,961.70	LOE	685,961.70
810.002E		Project Management Office PPPL FY04 ECP24	01OCT03A	256*	30SEP04A			146,000.00	LOE	146,000.00



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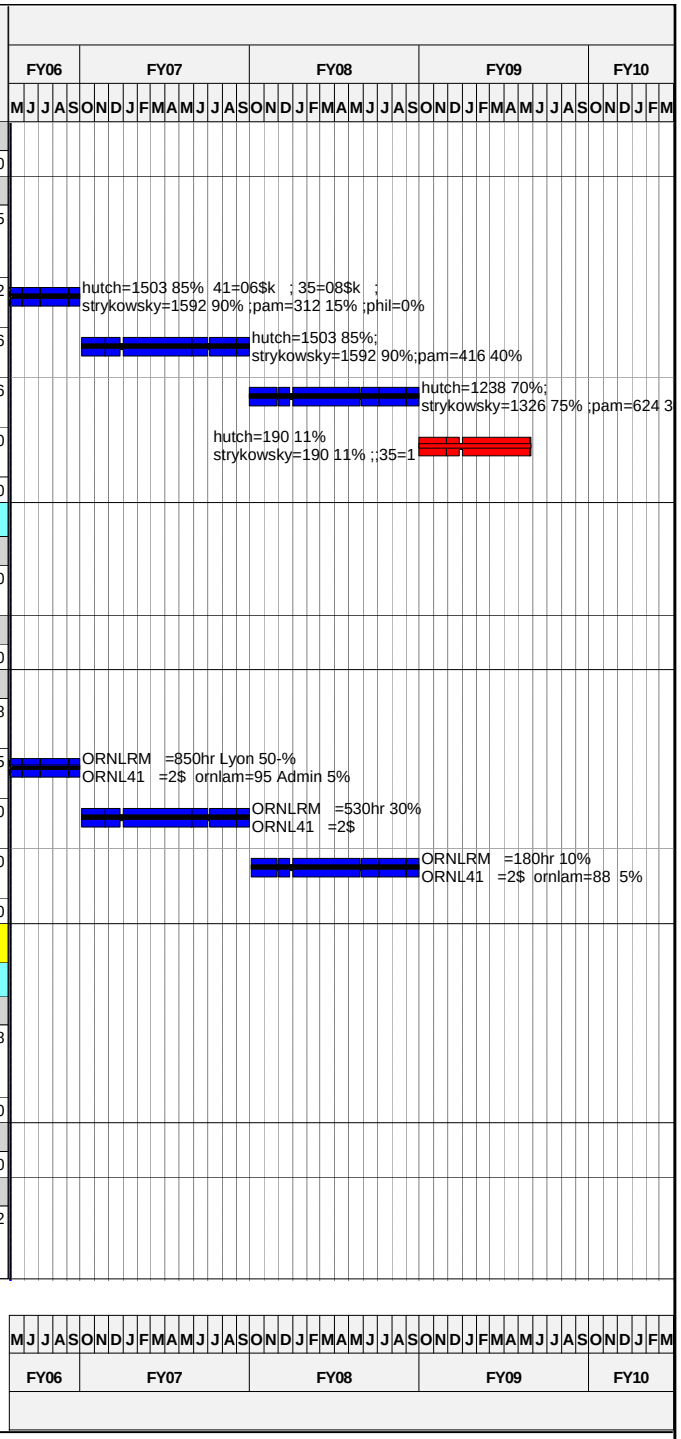
Prior Costs										
810.001		Apr-Sept MIE Cost PPPL	01APR03A	*128**	30SEP03A			387,340.00	100	387,340.00
810.003		Project Management Office PPPL FY05	01OCT04A	*251**	30SEP05A			696,116.95	LOE	696,116.95
810.004		Project Management Office PPPL FY06	03OCT05A	*249**	29SEP06		***749***	361,746.35	LOE	634,642.72
810.005		Project Management OfficePPPL FY07	02OCT06*	*249**	28SEP07		***500***	0.00		640,879.96
810.900		Project Management Office PPPL FY08	01OCT07*	*250**	30SEP08		***250***	0.00		554,496.26
810.909		Project Management Office PPPL FY09	01OCT08*	*163**	29MAY09		***87***	0.00		84,463.70
FY05CV-41		FY05 unrecoverable cost variance	01OCT04A	*251*	30SEP05A			-3,000.00		-3,000.00
Job: 8102 - NCSX MIE Management ORNL-LYON										
FY04 Actual Cost										
810.102		Project Management Office ORNL FY04	01OCT03A	*256**	30SEP04A			88,000.00	LOE	88,000.00
Prior Costs										
810.101		Apr-Sept MIE Cost ORNL	01APR03A	*129**	30SEP03A			58,600.00	100	58,600.00
810.103		Project Management Office ORNL FY05	01OCT04A	*251**	30SEP05A			95,368.98	LOE	95,368.98
810.104		Project Management Office ORNL FY06	01OCT05A	*249**	29SEP06		***500***	98,958.07	LOE	173,610.65
810.104X		Project Management Office ORNL FY07	02OCT06	*249**	28SEP07		***500***	0.00		66,152.50
810.105X		Project Management Office ORNL FY08	02OCT07*	*248**	29SEP08		***251***	0.00		36,664.00
FY05CV-42		FY05 unrecoverable cost variance	01OCT04A	*251*	30SEP05A			13,000.00		13,000.00
82 - Project Engineering										
Job: 8202 - Engr Mgmt & Sys Eng Support-REIERSEN										
FY04 Actual Cost										
820.002		LOE FY04	01OCT03A	*256**	30SEP04A			601,555.68	LOE	601,555.68
8202-ECP16		ecp16	01OCT03A	*256**	30SEP04A			68,000.00	LOE	68,000.00
Prior Costs										
820.110		Apr-Sept MIE Cost PPPL	01APR03A	*128**	30SEP03A			295,530.00	100	295,530.00
820.003		Proj engr FY05	01OCT04A	*251**	30SEP05A			469,631.02	LOE	469,631.02



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Forecast
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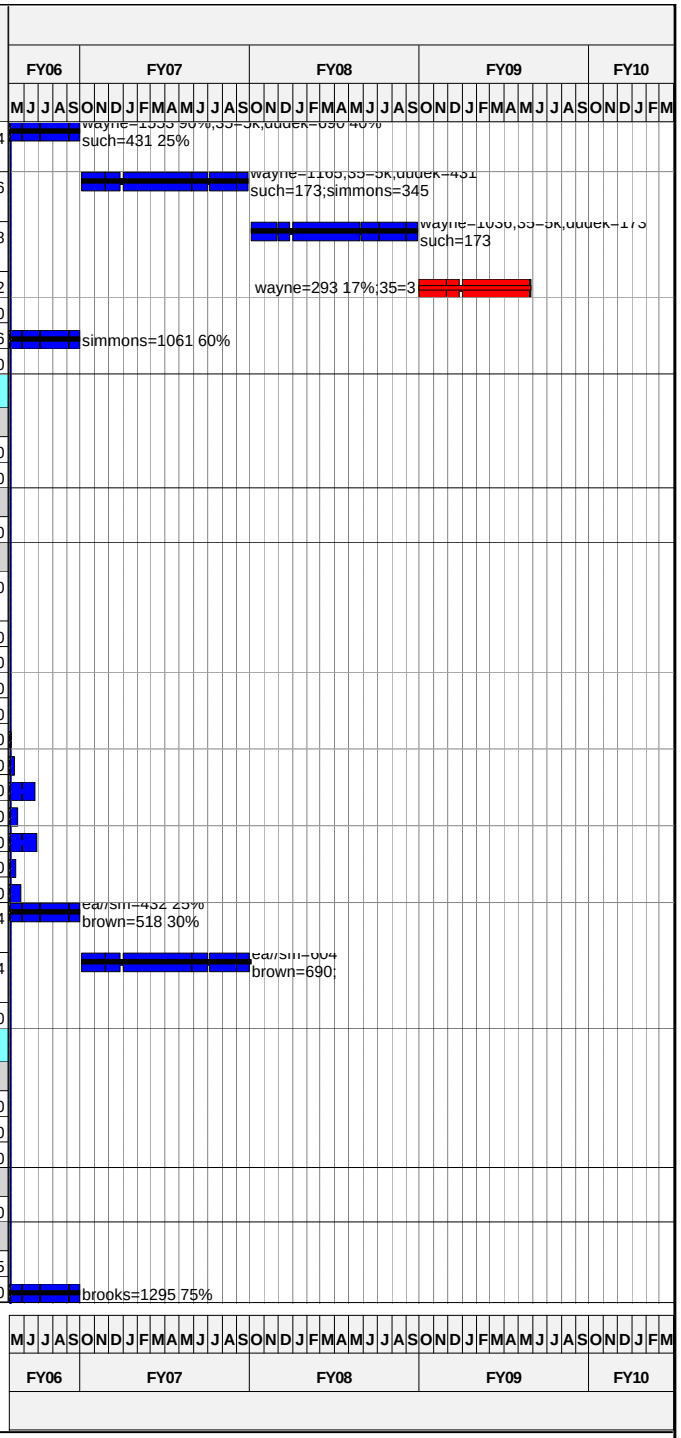
820.004		Proj engr FY06	03OCT05A	*249**	29SEP06		***749***	251,350.35	LOE	440,965.54
820.04X		Proj engr FY07	02OCT06*	*246**	25SEP07		***503***	0.00		369,690.16
820.004Z		Proj engr FY08	02OCT07*	*246**	25SEP08		***253***	0.00		245,966.08
820.005		Proj engr FY09	01OCT08*	*163**	29MAY09		***87***	0.00		62,798.72
8205FY05		System Engr Support FY05	01OCT04A	*251**	30SEP05A			199,622.00	LOE	199,622.00
8205FY06		Systems Engineering Support FY06	03OCT05A	*249**	29SEP06		***749***	105,266.27	LOE	184,677.66
FY05CV-44		FY05 unrecoverable cost variance	01OCT04A	*251*	30SEP05A			-19,000.00		-19,000.00
Job: 8203 - Design Integration-BROWN										
FY04 Actual Cost										
820.200		LOE FY04	01OCT03A	*256**	30SEP04A			247,570.20	LOE	247,570.20
8203-ECP16		ecp16	01OCT03A	*256**	30SEP04A			125,000.00	LOE	125,000.00
Prior Costs										
820.150		Apr-Sept MIE Cost PPPL	01APR03A	*128**	30SEP03A			178,750.00	100	178,750.00
8203FY05		Design Integration FY05 LOE	01OCT04A	*251**	30SEP05A			171,028.50		171,028.50
8203-01		General Design Integration	01OCT04A	*251**	30SEP05A			0.00	LOE	0.00
8203-02		Suprt interface aux sys dev&coolant/lead routing	01OCT04A	*251**	30SEP05A			0.00	LOE	0.00
8203-03		Develop /maintain Pro/E model of NCSX facility	01OCT04A	*251**	30SEP05A			0.00	LOE	0.00
8203-04		Support metrology efforts	01OCT04A	*251**	30SEP05A			0.00	LOE	0.00
8203-06		Complt rvw of machine assembly approach	01MAY06*	*4*	04MAY06		***852***	0.00		0.00
8203-07		Rvw cryostat & conventional magnet sys design	01MAY06*	*9*	11MAY06		***847***	0.00		0.00
8203-08		tollerance reqmnts for MCsuprt install fixt dwgs	01MAY06*	*39*	23JUN06		***817***	0.00		0.00
8203-09		Machine suprt dsn f/compatibility with assy reqt	01MAY06*	*12*	16MAY06		***844***	0.00		0.00
8203-10		Dynamic simul MC half period install fixt w/ Pro	01MAY06*	*42*	28JUN06		***814***	0.00		0.00
8203-11		Document NCSX Interlink& dwg control process	01MAY06*	*11*	15MAY06		***845***	0.00		0.00
8203-12		Update definition VV spool piece assy simul	01MAY06*	*19*	25MAY06		***837***	0.00		0.00
8203FY06		Design Integration FY06	03OCT05A	*249**	29SEP06		***749***	79,914.94	LOE	140,201.64
8203FY07	EC45	Design Integration FY07	02OCT06*	*249**	28SEP07		***500***	0.00		194,212.84
FY05CV-45		FY05 unrecoverable cost variance	01OCT04A	*251*	30SEP05A			-36,000.00		-36,000.00
Job: 8204 - Systems Analysis-BROOKS										
FY04 Actual Cost										
820.174		LOE FY04	01OCT03A	*172**	30SEP04A			133,179.00	LOE	133,179.00
8204.01		Assess magnetic material in test cell	02FEB04A	*85**	28MAY04A			37,080.00	100	37,080.00
8204.02		Model effects local high MU regions on MCWF	01MAY04A	*29*	28MAY04A			18,540.00	100	18,540.00
Prior Costs										
820.173		Apr-Sept MIE Cost PPPL	01APR03A	*128**	30SEP03A			44,620.00	100	44,620.00
8204FY05		Systems Analysis FY05	01OCT04A	*251**	30SEP05A			256,633.25	LOE	256,633.25
8204FY06		Systems Analysis FY06	03OCT05A	*249**	29SEP06		***749***	128,482.39	LOE	225,407.70



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Forecast
zECP-43 baseline
Progress Bar
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EC45

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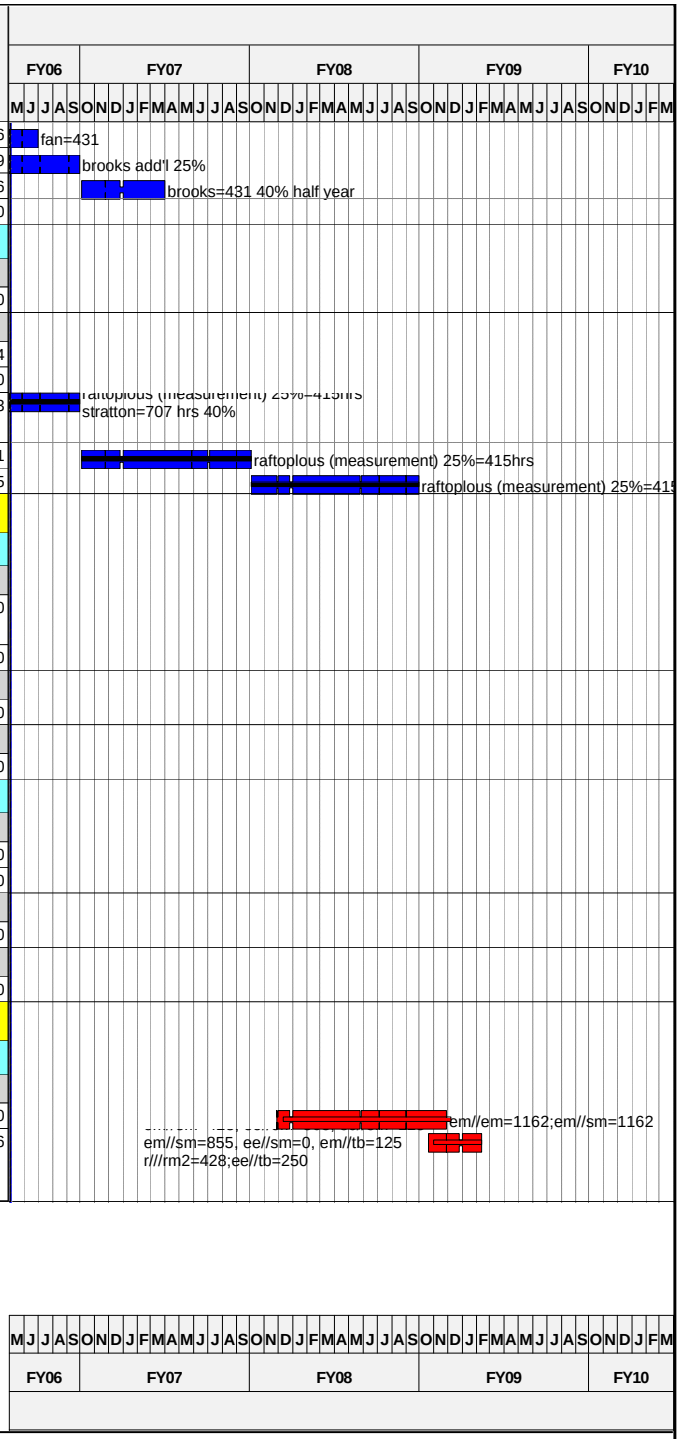
Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
8204FY06.1	EC45	Systems Analysis FY06	01MAY06*	44*	30JUN06		812	0.00	LOE	75,019.86
8204FY06.2	EC4X	Systems Analysis FY06	01MAY06*	107*	29SEP06		749	0.00	LOE	26,074.19
8204FY07	EC45	Systems Analysis FY07	02OCT06*	122*	30MAR07		627	0.00	LOE	76,657.66
FY05CV-46		FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			9,000.00		9,000.00
Job: 8205 - Dimensional Control Coordination										
Metrology										
740.135		Gary Puhl subcontract for metrology support	30SEP05A	77	30SEP05A			12,810.00		12,810.00
METFY05		Dimensional control FY05 ECP24	01FEB05A	172*	30SEP05A			96,648.84	LOE	96,648.84
FY05CV-47		FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			-20,000.00		-20,000.00
METFY06R		Metrology for FP & machine assy FY06	03OCT05A	249*	29SEP06		749	107,905.00	LOE	189,307.03
METFY07R		Metrology for FP & machine assy FY07	03OCT06*	249*	01OCT07		499	0.00		132,492.61
METFY08R	EC45	Metrology for FP & machine assy FY08	03OCT07*	247*	29SEP08		251	0.00		75,799.75
84 - Project Physics										
Job: 8401 - Project Physcis-ZARNSTORFF										
FY04 Actual Cost										
840.202		Project Physics/Engr Analysis FY04	01OCT03A	256*	30SEP04A			99,806.20	LOE	99,806.20
840.203		Closeout cost FY04 ECP-21	01OCT03A	256*	30SEP04A			14,000.00	LOE	14,000.00
Prior Costs										
840.201		Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A			210,270.00	100	210,270.00
FY06CV-235	EC45	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			530.00	100	530.00
Job: 8402 - Project Physics MIE ORNL-LYON										
FY04 Actual Cost										
840.302		Project Physics/Engr Analysis FY04	01OCT03A	256*	30SEP04A			60,876.00	LOE	60,876.00
840.303		Closeout cost FY04 ECP-21	01OCT03A	256*	30SEP04A			44,000.00	LOE	44,000.00
Prior Costs										
840.301		Apr-Sept MIE Cost ORNL	01APR03A	152*	30SEP03A			40,980.00	100	40,980.00
FY06CV-240	EC45	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			610.00	100	610.00
85 - Integrated Systems Testing										
Job: 8501 - Integrated Systems Testing										
920.001	EC45	Procedure and Document Preparation	27NOV07	250	26NOV08		121	0.00		371,980.70
920.000	EC45	Startup Personnel	21OCT08	72	10FEB09		121	0.00		435,467.96



Run Date 08JUN06 12:31

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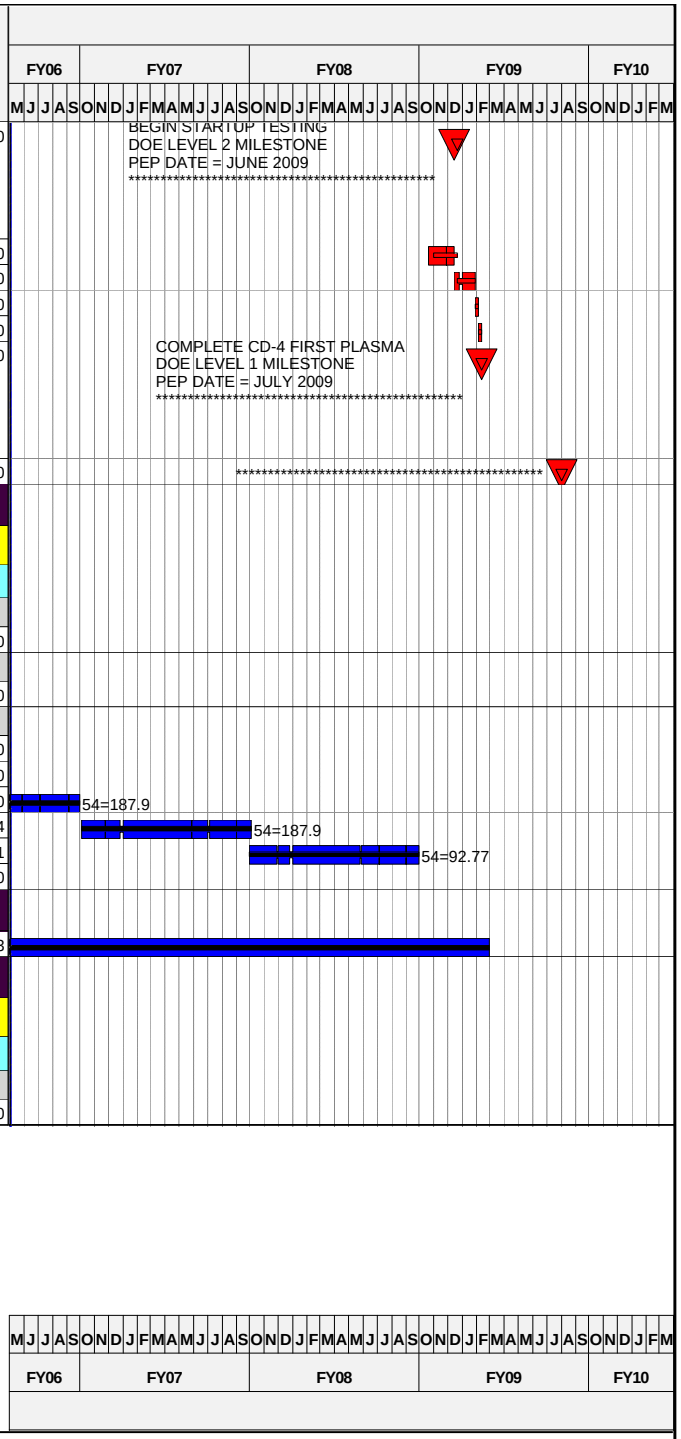
Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
MAY 2006

Activity ID	revised	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	Earned value cost (BCWP)	Percent Complet	ECP-45 Budget Baseline
920.004		Begin Start-up Testing	15DEC08	0			121	0.00		0.00
920.005		Punch list,Cmplt PTP's,Reconfig, Rm temp Hi-pot	21OCT08	37	12DEC08		121	0.00		0.00
920.010		Field Coil Testsing,FCPC test & E-Beam Mapping	15DEC08	25	27JAN09		121	0.00		0.00
920.020		Final ISTP	28JAN09	7	05FEB09		121	0.00		0.00
920.021		Operations Approval	06FEB09	3	10FEB09		121	0.00		0.00
730.9000		First Plasma		0	10FEB09		121	0.00		0.00
M-0120		CD-4 First Plasma		0	31JUL09*		0	0.00		0.00
Allocations										
PPPL Allocations										
Job: 8998 - Allocations										
FY04 Actual Cost										
99.04		PPPL Allocations FY04	01OCT03A	256*	30SEP04A			260,691.00	LOE	260,691.00
Prior Costs										
99.03		Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A			112,000.00	100	112,000.00
99.05		PPPL Allocations FY05	20OCT04A	251*	30SEP05A			302,697.00	LOE	302,697.00
99.05P		PPPL Allocations FY05 rebaeline re-estimate	01OCT04A	251*	30SEP05A			48,151.80	LOE	48,151.80
99.06		PPPL Allocations FY06	03OCT05A	249*	29SEP06		749	187,965.77	LOE	329,764.50
99.07		PPPL Allocations FY07	02OCT06*	250*	01OCT07		499	0.00		332,787.44
99.08		PPPL Allocations FY08	01OCT07*	249*	29SEP08		251	0.00		166,336.61
FY05CV-43		FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			56,000.00		56,000.00
+ Contingency										
			01MAY06	705	27FEB09		151	0.00		8,171,068.33
DCMA										
DCMA										
DCMAFY04		DCMA	01OCT03A	256*	30SEP04A			75,000.00		75,000.00



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Forecast
zECP-43 baseline
Progress Bar
Critical Activity

EC45

NCSX
ECP-45 BASELINE
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