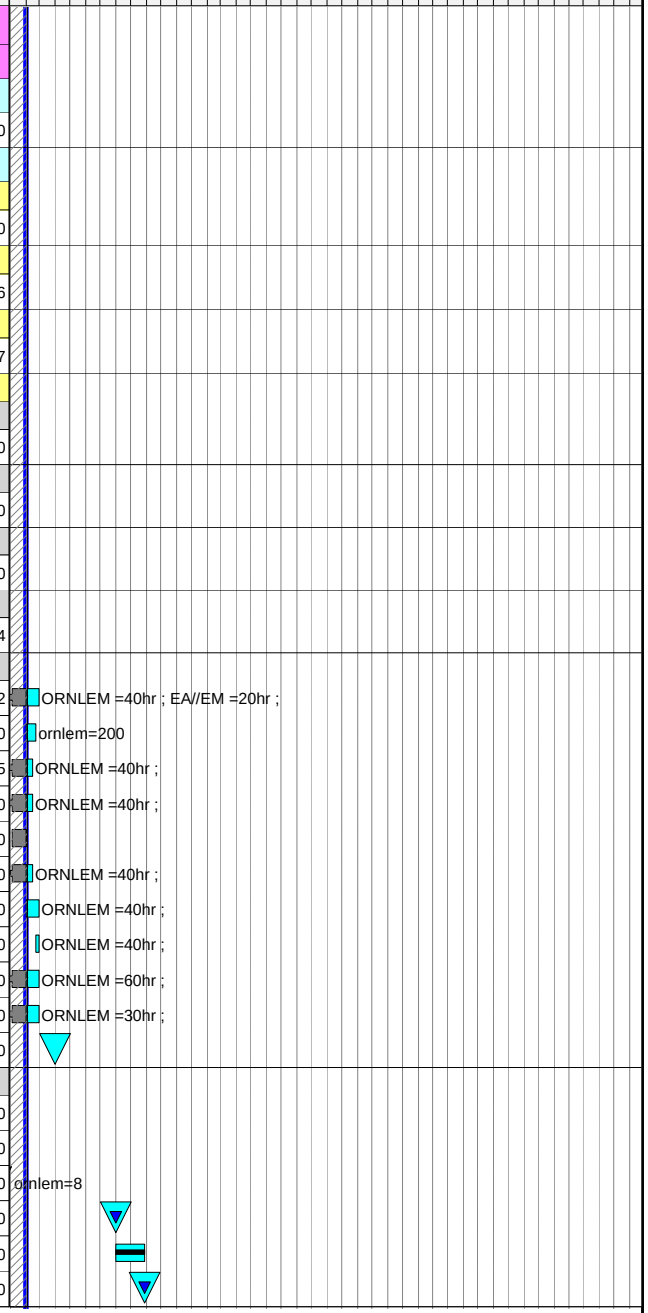
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
cc 9450 - NCSX Fabrication (MIE)									
1 - Stellarator Core Systems									
+ 11 - In-Vessel Components									
		15JUL03A	78	30SEP03A	30SEP03A		100	60.00	60.00
12 - Vacuum Vessel Systems									
+ Job: 1201 - Vacuum Vessel Prelim Dsn-CLOSED****									
		01APR03A	133	07OCT03A	07OCT03A		100	424,420.00	424,420.00
+ Job: 1202 - Vacuum Vessel R&D **CLOSED**									
		01APR03A	636	30SEP05A	30SEP05A		100	1,770,181.86	1,770,181.86
+ Job: 1206 - VV Field Weld Joint R&D-CLOSED****									
		29APR04A	359	30SEP05A	30SEP05A		100	15,639.37	15,639.37
Job: 1203 - Vacuum Vessel Final Dsn-GORANSON									
+ Closeout PDR Design Deliverables									
		01OCT03A	235	31AUG04A	31AUG04A		100	34,746.30	34,746.30
+ PDR Recommendations									
		01NOV03A	42	31DEC03A	31DEC03A		100	25,738.00	25,738.00
+ Vacuum Vessel Vendor Selection									
		01JUN04A	86	30SEP04A	30SEP04A		100	5,782.20	5,782.20
+ FY05 Final Design Tasks									
		01OCT03A	507	30SEP05A	30SEP05A		100	744,133.94	744,133.94
Final Design Tasks									
1203-241	Check FMECA Analyses	01SEP05A	121*	28FEB06	01NOV05	916	80	8,078.02	10,097.52
1203-271	Develop Assy Rqmnts spec & process	01FEB06*	15*	21FEB06	08DEC05	322	20	6,748.00	33,740.00
1203-800	Issue VV FP leak check assy dwg	22SEP05A	97*	15FEB06	15DEC05	407	90	6,037.61	6,708.45
1203-801	Issue VV FP final assy dwg	01NOV05A	69*	15FEB06	15DEC05	407	75	5,061.00	6,748.00
1203-802A	Analysis of SXR cans and spacer	03JAN06A	21*	31JAN06A			100	0.00	0.00
1203-802	Issue spacer machining dwgs	01JAN06A	30*	13FEB06	15DEC05	409	95	4,723.60	6,748.00
1203-803	Issue VV final assy dwg	01FEB06*	20*	28FEB06	15DEC05	322		0.00	6,748.00
1203-804	Issue VV assy specification	22FEB06*	5*	28FEB06	15DEC05	322		0.00	6,748.00
1203-806	Establish interface reqmnts	01NOV05A	78*	28FEB06	15DEC05	916	50	3,374.00	6,748.00
1203-820	BOM for all VV parts	03OCT05A	99*	28FEB06	15DEC05	916	60	3,036.60	5,061.00
1203-901	**WBS 12 FINAL FDR **		0	30MAR06*	15DEC05	376		0.00	0.00
VV Personnel Access Port									
1203-950	Personnel Access Port Drawings	01OCT05A	41*	30NOV05A	17NOV05		100	0.00	0.00
1203-951	Personnel Access Port Analysis	01NOV05A	20*	30NOV05A	17NOV05		100	0.00	0.00
12003-952	Personnel Access Port FDR		0	30NOV05A	17NOV05		100	1,349.60	1,349.60
124-100	Issue req & dwg package NB port cover	02AUG06*	0			315		0.00	0.00
124-110	SPEA VV NB port cover	02AUG06	43	29SEP06	29SEP06	315		0.00	0.00
124-120	Award VV NB port cover		0	29SEP06	29SEP06	315		0.00	0.00



Run Date 20FEB06 14:13

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
ECP-39 Baseline

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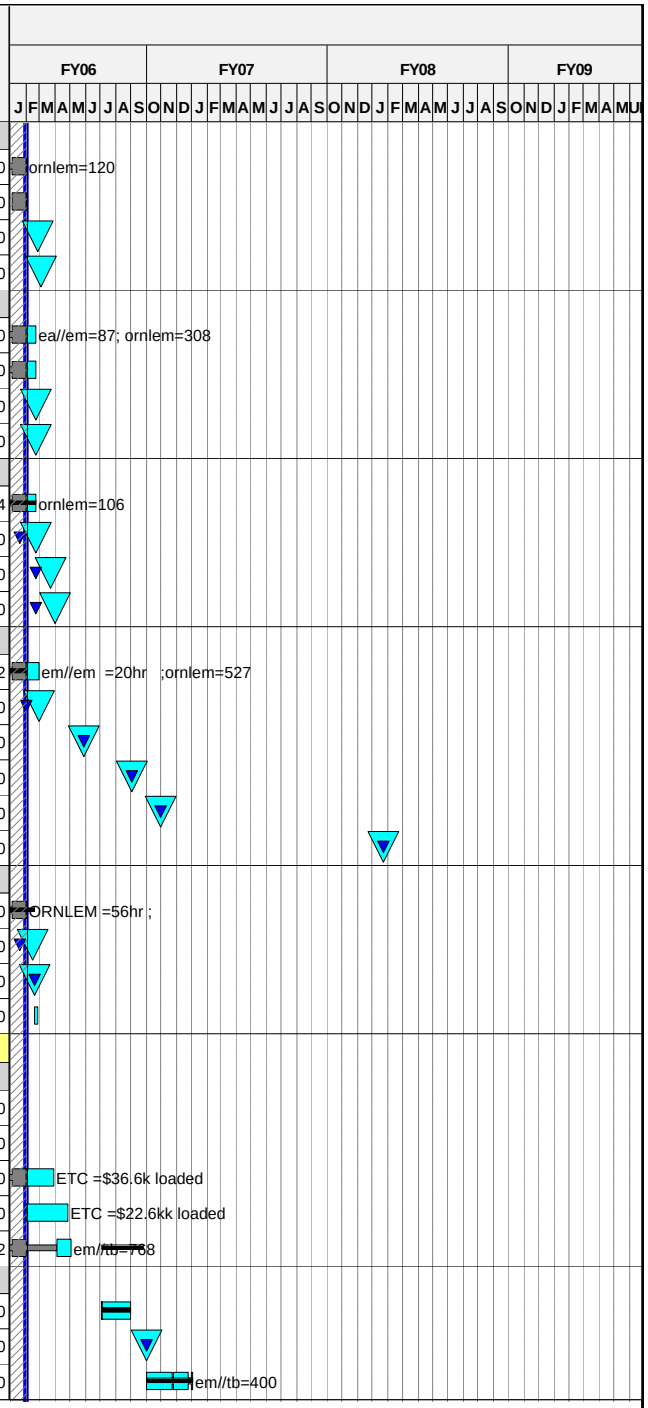
VV Heating/Cooling Tubing									
1203-805	Redo CC heating/coolinbg tube dwgs&	01OCT05A	79*	31JAN06A	15DEC05		100	20,244.00	20,244.00
1203-805A	Mockup and test cooling tube design	03JAN06A	21*	31JAN06A				0.00	0.00
1203-805F	Heating/coolinbg tube FDR		0	24FEB06*	15DEC05	381		0.00	0.00
123-030.0	Issue Proc Pkg for VV H/C Tubing WBS 123	03MAR06*	0			377		0.00	0.00
VV Heater Tape									
122-012	Heater Tape System Design	02MAY05A	202*	21FEB06	15NOV05	322	95	61,215.15	64,437.00
122-013	Heater Tape System port ext mockup & test	19DEC05A	41*	21FEB06		322	10	0.00	0.00
122-013A	Heater Tape System FDR		0	21FEB06		322		0.00	0.00
122-012A	Issue Proc Pkg for VV Heater Tape		0	21FEB06		322		0.00	0.00
VV Local I&C									
125-011	Final design WBS 125 local I&C	01MAR05A	247*	22FEB06	22FEB06	402	80*	13,590.83	16,988.54
125-011P	PDR (define rqmnts & sys architecture)		0	20FEB06*	18JAN06*	922		0.00	0.00
125-011F	FDR (Define HW & SW rqmnts)		0	22MAR06*	22FEB06*	382		0.00	0.00
125-036	Issue Procurement Package Local I&C WBS	31MAR06*	0			376		0.00	0.00
Thermal Insulation									
122-011	Final design WBS 122 Thermal insulation	01JUN04A	436*	28FEB06	31JAN06	263	95	79,664.46	83,857.32
122-011F	FDR Thermal Insulation		0	28FEB06	31JAN06	263		0.00	0.00
122-050	Prep spec and req Blanket Thermal Insulation	30MAY06*	0			200		0.00	0.00
123-035	Issue Proc Pkg for insulation boots WBS 122	04SEP06*	0			235		0.00	0.00
122-040	Prep spec and req Port Thermal Insulation	31OCT06*	0			235		0.00	0.00
122-030.0	Prep spec and req Pourable Insulation	22JAN08*	0			123		0.00	0.00
SRX Diagnostic VV Design									
1203-810	resolve design pockets for soft x ray arrays	01JAN06A	0*	31JAN06A	16FEB06		100	9,447.20	9,447.20
1203-810P	soft x ray array PDR		0	14FEB06*	19JAN06*	926		0.00	0.00
1203-810F	soft x ray array FDR		0	16FEB06*	16FEB06*	595		0.00	0.00
1203-810G	Issue requisition and dwg package	17FEB06	5	23FEB06		595		0.00	0.00
Job:1204-VV Sys Procurements (non VVSA)-DUDEK									
VV Vertical Supports									
124-030.0	Release dwg package for fab VV Vertical	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	62*	27MAR06		477		0.00	0.00
124-037C	Deliver Misc hardware (PE 006209)	01FEB06*	60	25APR06		456		0.00	0.00
124-037	PPPL Fab VV Vert. Supports (log # M1091)	01DEC05A	38	02MAY06	25SEP06	456	40	25,018.37	62,545.92
VV Lateral Supports									
124-030L	SPEA VV Lateral Supports WBS 124	03JUL06*	43	31AUG06	31AUG06	311		0.00	0.00
124-036.9L	Award VV Lateral Supports WBS 124		0	02OCT06*	02OCT06*	289		0.00	0.00
124-037L	VV Lateral Supports Fab by PPPL WBS 124	03OCT06	60	04JAN07	04JAN07	289		0.00	33,288.00



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ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX

Status through FEBRUARY 1st

ECP-39 Baseline

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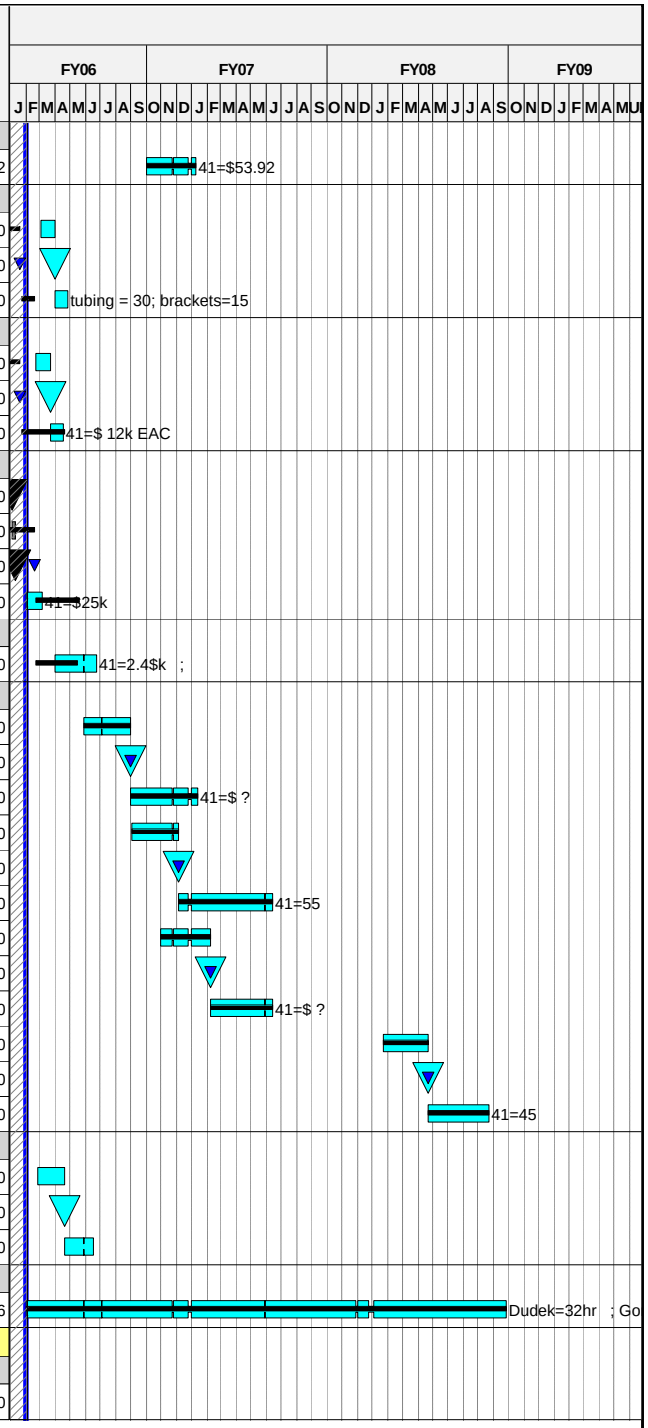
VV Personnel Access Port									
124-130	VV NB port cover Fabrication	02OCT06	65	10JAN07	10JAN07	315		0.00	73,924.32
VV Heating/Cooling Tubing									
123-030	Issue RFQ & Select Vendor VV H/C Tubing	03MAR06	20	30MAR06	20JAN06	377		0.00	0.00
123-036.9	Award H/C Tubing WBS 123		0	30MAR06	20JAN06	377		0.00	0.00
123-037	Fabricate and Deliver H/C Tubing WBS 123	31MAR06	20	27APR06	17FEB06	377		0.00	61,695.00
VV Heater Tape									
122-012B	Issue RFQ &Select Vendor for Heater Tape	22FEB06	20	21MAR06	20JAN06	322		0.00	0.00
122-012C	Award Heater Tape		0	21MAR06	20JAN06	322		0.00	0.00
122-012D	Fabricate and Deliver Heater Tape	22MAR06	20	18APR06	21APR06	322		0.00	0.00
VV H/C Manifolds & Headers									
123-130.0	Issue Proc Pkg for VV H/C Manifolds WBS	03JAN06A	0					0.00	0.00
123-130	Issue RFQ &Select Vendor VV H/C Manifold	04JAN06A	40	11JAN06A	17FEB06			0.00	0.00
123-136.9	Award H/C Manifolds WBS 123 (PE006419)		0	11JAN06A	17FEB06			0.00	0.00
123-137	Fabricate and Deliver H/C ManifoldsWBS 123	01FEB06	24*	06MAR06	19MAY06	415		0.00	34,275.00
VV Local I&C									
125-037	Procurement Local I&C WBS 125	31MAR06	60	23JUN06	17MAY06	376		0.00	3,290.40
Thermal Insulation									
122-055	SPEA Blanket Thermal Insulation	30MAY06	65	29AUG06	29AUG06	200		0.00	0.00
122-060	Award Blanket Thermal Insulation		0	29AUG06	29AUG06	200		0.00	0.00
122-065	Deliver Blanket Thermal Insulation	30AUG06	89	11JAN07	11JAN07	200		0.00	0.00
123-040	Issue RFQ & Select Vendor insul boots WBS	04SEP06	65	05DEC06	05DEC06	235		0.00	0.00
123-045	Award Insulation Boots WBS 122		0	05DEC06	05DEC06	235		0.00	0.00
123-050	Fabricate& Deliver Insul Boots WBS 122	06DEC06	130	14JUN07	14JUN07	235		0.00	75,405.00
122-035	SPEA Port Thermal Insulation	31OCT06	65	08FEB07	08FEB07	235		0.00	0.00
122-041	Award Port Thermal Insulation		0	08FEB07	08FEB07	235		0.00	0.00
122-051	Deliver Port Thermal Insulation	09FEB07	89	14JUN07	14JUN07	235		0.00	0.00
122-030	SPEA Pourable Insulation	22JAN08	65	21APR08	21APR08	123		0.00	0.00
122-036.9	Award Pourable Insulation		0	21APR08	21APR08	123		0.00	0.00
122-037	Deliver Pourable Insulation	22APR08	89	22AUG08	22AUG08	123		0.00	63,225.00
SRX Diagnostic VV Design									
1203-810H	RFQ, evaluate and award	24FEB06	40	20APR06		595		0.00	0.00
1203-810J	Award		0	20APR06		595		0.00	0.00
1203-810K	Modify spacer	21APR06	40	16JUN06		595		0.00	0.00
122-031	Title III engr WBS 12 non vvsa	01FEB06A	673*	26SEP08	26SEP08	263		0.00	25,461.76
Job: 1250 - Vacuum Vessel Fabrication-VIOLA									
Start Up/Engineering									
VVSA-001	Process Order	24SEP04A	256*	29JUL05A	29JUL05A		100	0.00	0.00



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ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
ECP-39 Baseline

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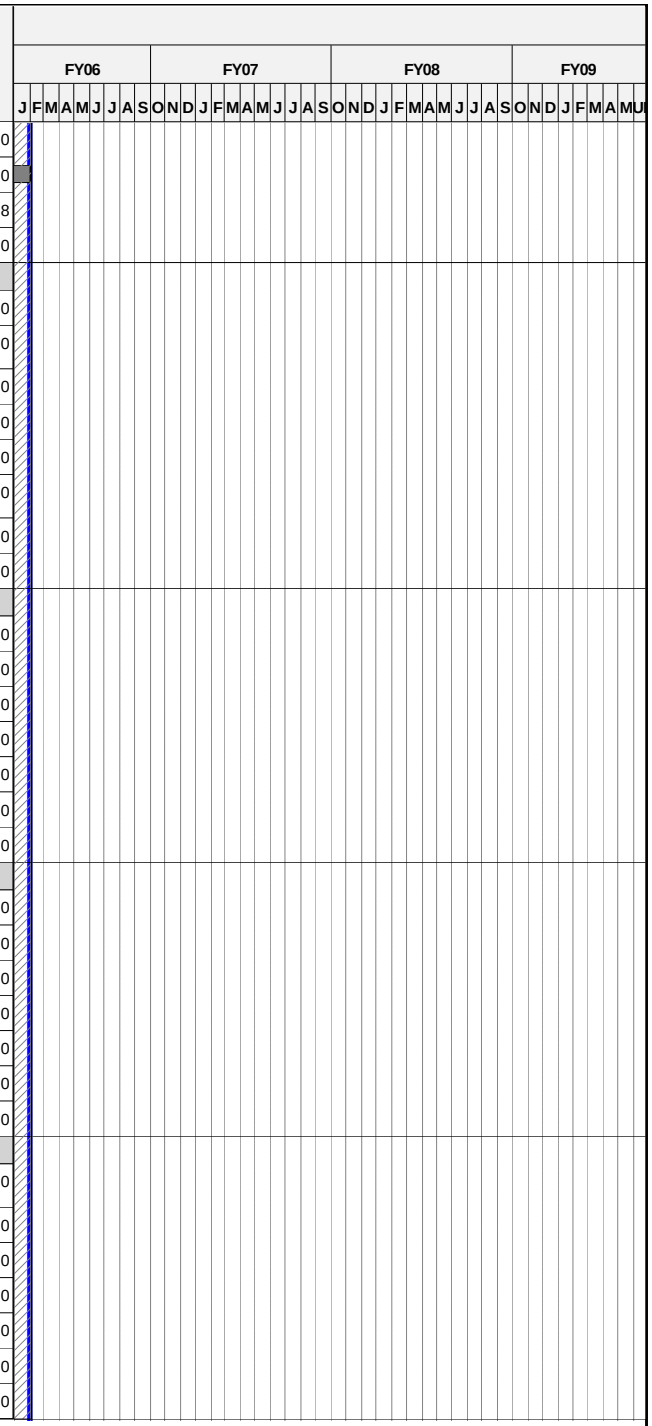
VVSA-011	Sect 5.1 Segmentation Scheme	04NOV04A	5	19NOV04A	19NOV04A		100	96,075.00	96,075.00
VVSA-021	Sect 5.1.2 Fiducials	29NOV04A	304*		04NOV05		98	0.00	0.00
VVSA-031	Sect 5.1.3 Proc Outline & Asc Procedures	24SEP04A	152	31MAY05A	31MAY05A		100	121,675.78	121,675.78
VVSA-035	Trinos Flanges	03OCT05A	20	31OCT05A	28OCT05		100	39,000.00	39,000.00
Dies & Gages									
VVSA-041	Engineering	20SEP04A	91*	31JAN05A	31JAN05A		100	0.00	0.00
VVSA-051	Procure Die Materials (4 sets)	10JAN05A	59*	13MAR05A	13MAR05A		100	315,000.00	315,000.00
121-100	S005243 #1-Die Material Procured		0	31MAR05A	31MAR05A		100	0.00	0.00
VVSA-061	Machine Complete	01FEB05A	64*	29APR05A	29APR05A		100	0.00	0.00
VVSA-071	Deburr	01FEB05A	64	31MAY05A	31MAY05A		100	0.00	0.00
VVSA-081	Inspection	01FEB05A	65	31MAY05A	31MAY05A		100	340,640.00	340,640.00
VVSA-091	Development Panels (9 panels)	31MAR05A	25	10JUN05A	10JUN05A		100	0.00	0.00
121-115	S005243 #4-Dies Manufactured		0	10JUN05A	10JUN05A		100	0.00	0.00
Fixture (2) 60 degree									
VVSA-101	Engineering	25OCT04A	109*	31MAR05A	31MAR05A		100	0.00	0.00
VVSA-111	Procure Materials	07MAR05A	0*	30MAR05A	30MAR05A		100	0.00	0.00
VVSA-121	Fab & Machine	14MAR05A	36	10JUN05A	10JUN05A		100	0.00	0.00
VVSA-131	Assemble	28MAR05A	26	17JUN05A	17JUN05A		100	0.00	0.00
VVSA-141	Deburr	06MAY05A	6	20JUN05A	20JUN05A		100	0.00	0.00
VVSA-151	Inspection First	13MAY05A	9	23JUN05A	23JUN05A		100	0.00	0.00
VVA-152	Inspection Second		0	23JUN05A	23JUN05A		100	0.00	0.00
Fixture (3) 120 degree									
VVSA-161	Engineering	15APR05A	5	08JUN05A	08JUN05A		100	0.00	0.00
VVSA-171	Procure Materials	08JUN05A	5	13JUN05A	13JUN05A		100	220,000.00	220,000.00
121-110	S005243 #3-Fixture material procured		0	13JUN05A	13JUN05A		100	0.00	0.00
VVSA-181	Fab & Machine	13JUN05A	82*	29JUL05A	29JUL05A		100	0.00	0.00
VVSA-191	Assemble	22JUN05A	78*	29JUL05A	29JUL05A		100	0.00	0.00
VVSA-201	Deburr	04JUL05A	75*	29JUL05A	29JUL05A		100	0.00	0.00
VVSA-211	Inspection -	30JUN05A	48*	29JUL05A	29JUL05A		100	0.00	0.00
Panels & Ports									
VVSA-221	Procure Vessel Material	29OCT04A	127	31MAY05A	31MAY05A		100	471,490.00	471,490.00
121-105	S005243 #2-Vessel material procured		0	31MAY05A	31MAY05A		100	0.00	0.00
VVSA-231	Production Panels Period #1 LOT 4	22APR05A	94*	12AUG05A	12AUG05A		100	260,000.00	260,000.00
121-120	S005243 #5-1/3 of Vessel plates formed		0	23AUG05A	23AUG05A		100	0.00	0.00
VVSA-241	Production Panels Period #2 LOT 5	28JUN05A	69*	12SEP05A	12SEP05A		100	240,000.00	240,000.00
121-125	S005243 #6-Second 1/3 of vsl plates formed		0	12SEP05A	12SEP05A		100	0.00	0.00
VVSA-251	Production Panels Period #3 LOT 6	28JUN05A	69*	16SEP05A	16SEP05A		100	240,000.00	240,000.00



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ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
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0601

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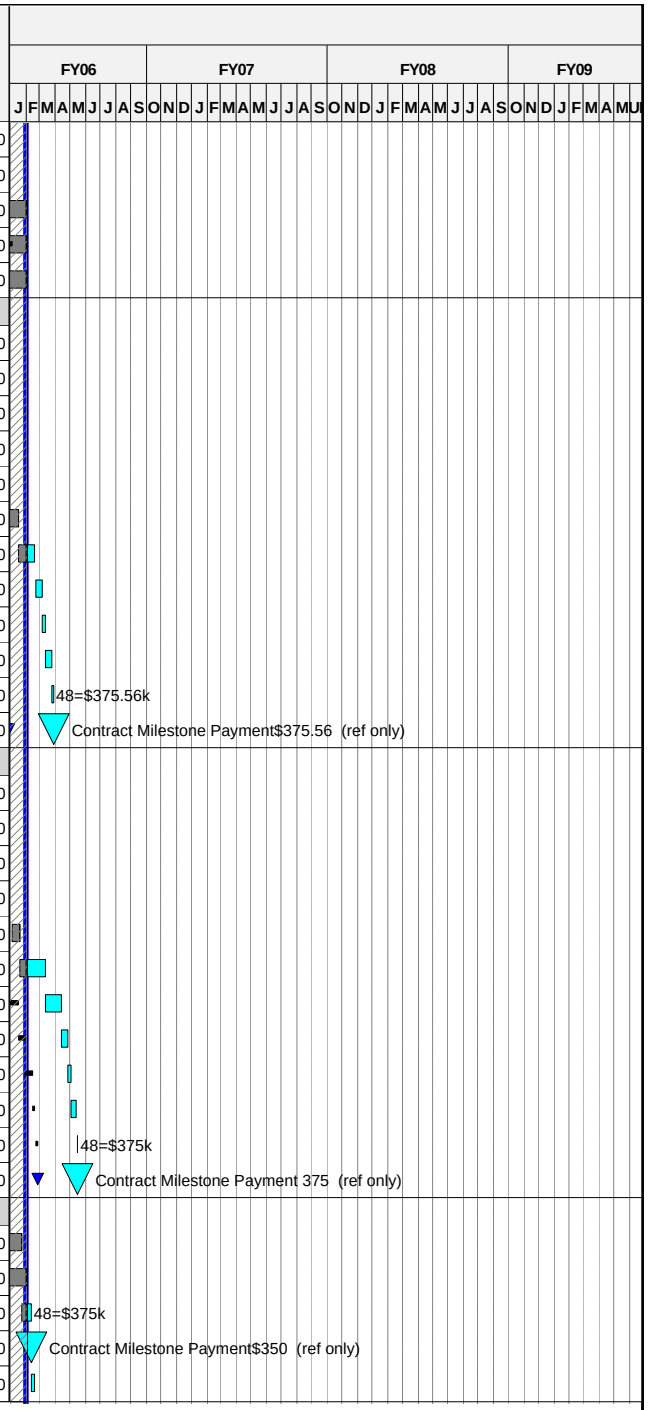
121-130	S005243 #7-Last 1/3 of vsl plates formed		0	16SEP05A	16SEP05A		100	0.00	0.00
VVSA-261	Port Ext, Misc HW Period #1 LOT 7	04APR05A	195*	09DEC05A	17OCT05		100	0.00	0.00
VVSA-271	Port Ext, Misc HW Period #2 LOT 8	04APR05A	217*		18NOV05		99	0.00	0.00
VVSA-281	Port Ext, Misc HW Period #3 LOT 9	04APR05A	217*		04JAN06		85	0.00	0.00
VVSA-291	Spacer & port Ext Fixture LOT 13	06JUN05A	172*		21OCT05		99	0.00	0.00
First 120 deg segment									
VVSA-301	1st 60 deg segment	10JUN05A	59*	12AUG05A	12AUG05A		100	175,000.00	175,000.00
VVSA-311	2nd 60 deg segment	23JUN05A	50*	15AUG05A	15AUG05A		100	175,000.00	175,000.00
VVSA-321	Join two pieces	15AUG05A	35	08SEP05A	08SEP05A		100	50,000.00	50,000.00
121-135	S005243 #8-One VVSA fabricated		0	08SEP05A	08SEP05A		100	0.00	0.00
VVSA-331	Machine for Ports	08SEP05A	0*	23SEP05A	23SEP05A		100	95,000.00	95,000.00
VVSA-341	Weld Ports	03OCT05A	87*	17JAN06A	14NOV05		100	75,000.00	75,000.00
VVSA-361	Vacuum Test	17JAN06A	24*	17FEB06	23NOV05	311	46*	27,480.00	60,000.00
VVSA-371	Cut Off Ports	20FEB06*	11	06MAR06	05DEC05	311		0.00	50,000.00
VVSA-351	Final Machine	07MAR06*	5	13MAR06	13DEC05	311		0.00	50,000.00
VVSA-381	Inspect & Pack for Shipping LI#4	14MAR06*	9	24MAR06	20DEC05	311		0.00	23,000.00
VVSA-391	Receive at PPPL	27MAR06	2	28MAR06	23DEC05	311		0.00	22,560.00
121-150	S005243 #11-Receipt/Acceptance of 1st VVSA		0	28MAR06*	23DEC05*	311		0.00	0.00
Second 120 deg segment									
VVSA-401	60 deg segment	12AUG05A	36*	09SEP05A	09SEP05A		100	175,000.00	175,000.00
VVSA-411	60 deg segment	26AUG05A	47*	07OCT05A	07OCT05		100	175,000.00	175,000.00
VVSA-421	Join two pieces	07OCT05A	51*	16NOV05A	28OCT05		100	55,000.00	55,000.00
121-140	S005243 #9-Second VVSA fabricated		0	16NOV05A	28OCT05		100	0.00	0.00
VVSA-431	Machine for Ports	04JAN06A	0*	19JAN06A	18NOV05		100	95,000.00	95,000.00
VVSA-441	Weld Ports	20JAN06A	37*	13MAR06	23DEC05	375	22*	16,200.00	75,000.00
VVSA-461	Vacuum Test	14MAR06	22	12APR06	16JAN06	375		0.00	60,000.00
VVSA-471	Cut Off Ports	13APR06*	10	26APR06	30JAN06	375		0.00	50,000.00
VVSA-451	Final Machine	27APR06*	5	03MAY06	13FEB06	375		0.00	50,000.00
VVSA-481	Inspect & pack for Shipping LI#4	04MAY06*	7	12MAY06	17FEB06	375		0.00	23,000.00
VVSA-491	Receive at PPPL	15MAY06	1	15MAY06*	24FEB06*	375		0.00	22,000.00
121-155	S005243 #12-Receipt /Acceptance of 2nd		0	15MAY06*	24FEB06*	375		0.00	0.00
Third 120 deg segment									
VVSA-501	60 deg segment	30SEP05A	88*	23JAN06A	28OCT05		100	165,000.00	165,000.00
VVSA-511	60 deg segment	01DEC05A	44*	31JAN06A	04NOV05		100	165,000.00	165,000.00
VVSA-521	Join two pieces	23JAN06A	15*	10FEB06	18NOV05	386	2	900.00	45,000.00
121-145	S005243 #10-Third VVSA fabricated		0	10FEB06	18NOV05	386		0.00	0.00
VVSA-531	Machine for Ports	13FEB06	4	16FEB06	07DEC05	386		0.00	95,000.00



Run Date 20FEB06 14:13

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
ECP-39 Baseline

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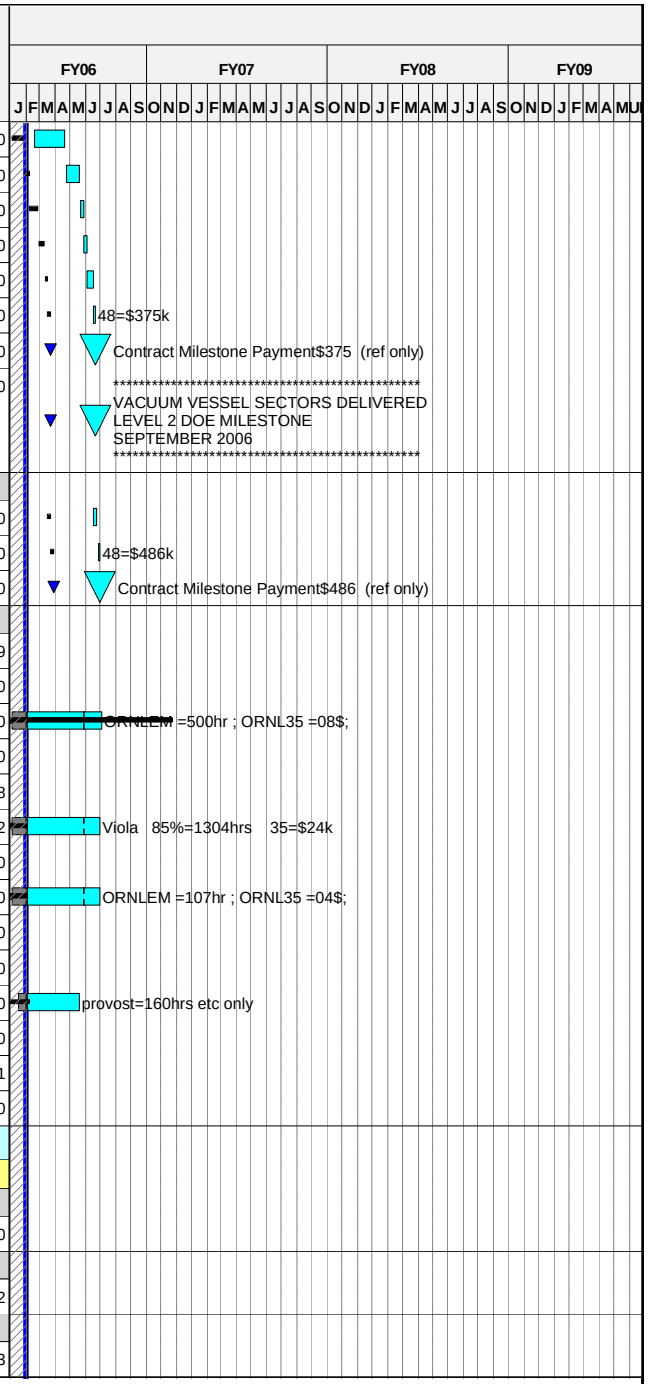
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
VVSA-541	Weld Ports	17FEB06	46	21APR06	27JAN06	386		0.00	75,000.00
VVSA-561	Vacuum Test	24APR06	20	19MAY06	08FEB06	386		0.00	60,000.00
VVSA-571	Cut Off Ports	22MAY06	6	29MAY06	24FEB06	386		0.00	50,000.00
VVSA-551	Final Machine	30MAY06	5	05JUN06	10MAR06	386		0.00	50,000.00
VVSA-581	Inspect & Pack for Shipping LI#4	06JUN06	9	16JUN06	14MAR06	386		0.00	23,000.00
VVSA-591	Receive at PPPL	19JUN06	1	19JUN06	21MAR06*	386		0.00	22,000.00
121-160	S005243 #13-Receipt/Acceptance of 3rd		0	19JUN06	21MAR06*	386		0.00	0.00
121-038.1	All Vacuum Vessel Sections (3) Delivered		0	19JUN06	21MAR06	386		0.00	0.00
Ship Tooling									
VVSA-601	Pack Tooling for PPPL	19JUN06	5	23JUN06	21MAR06	840		0.00	0.00
VVSA-611	PPPL Receive Tooling	26JUN06	4	29JUN06	27MAR06	840		0.00	486,000.00
121-165	S005243 #14-Delivefy of tooling,dies,fixtures		0	29JUN06*	27MAR06*	840		0.00	0.00
121-031	VVSA Title III engr	21MAY04A	631	28FEB05A	28FEB05A		LOE	27,753.79	27,753.79
121-034	VVSA Title III engr	01MAR05A	152*	30SEP05A	30SEP05A		LOE	20,460.00	20,460.00
121-034.1	VVSA Title III engr	01OCT05A	288	03JUL06	22NOV06	828	LOE	57,803.75	92,486.00
121-032	VVSA Contract oversight FY04	21MAY04A	386*	30SEP04A	30SEP04A		LOE	20,052.50	20,052.50
121-033	VVSA Contract oversight FY05	01OCT04A	290*	28FEB05A	28FEB05A		LOE	75,267.38	75,267.38
121-035	VVSA Contract oversight FY05 & FY06	01MAR05A	338*	30JUN06	31JAN06	829	LOE	177,395.26	259,729.52
121-035.1	ORNL fesign support during MTM Contract	01MAR05A	152*	30SEP05A	30SEP05A		LOE	17,360.00	17,360.00
121-035.2	ORNL design support during MTM Contract	01OCT05A	186*	30JUN06	31JAN06	829	LOE	9,400.53	22,118.90
121-036	Ship vac equipt from PPPL to MTM for vac	03OCT05A	15	31OCT05A	14NOV05		100	2,742.00	2,742.00
121-037	Purchase seals and ship to MTM	25APR05A	70*	29JUL05A	29JUL05A		100	42,447.20	42,447.20
121-038	assist MTM testing of VVSA	17JAN06A	89*	19MAY06	08FEB06	379		0.00	0.00
121-039	Design Seal Template	01MAR05A	20	31MAR05A	31MAR05A		100	2,480.00	2,480.00
121-141	Fabricate Seal Template and ship to MTM	01MAR05A	65	31MAR05A	31MAR05A		100	4,240.11	4,240.11
FY05CV-4	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A		100	-49,000.00	-49,000.00
13 - Conventional Coils									
Job: 1301 - TF Design-KALISH									
+ Preliminary Design									
		01OCT03A	355	28FEB05A	28FEB05A		100	471,974.00	471,974.00
+ Final Design									
		01FEB05A	172	30SEP05A	30SEP05A		100	164,053.52	164,053.52
+ Prior Costs									
		01APR03A	636	30SEP05A	30SEP05A		100	283,695.13	283,695.13



Run Date 20FEB06 14:13

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
ECP-39 Baseline

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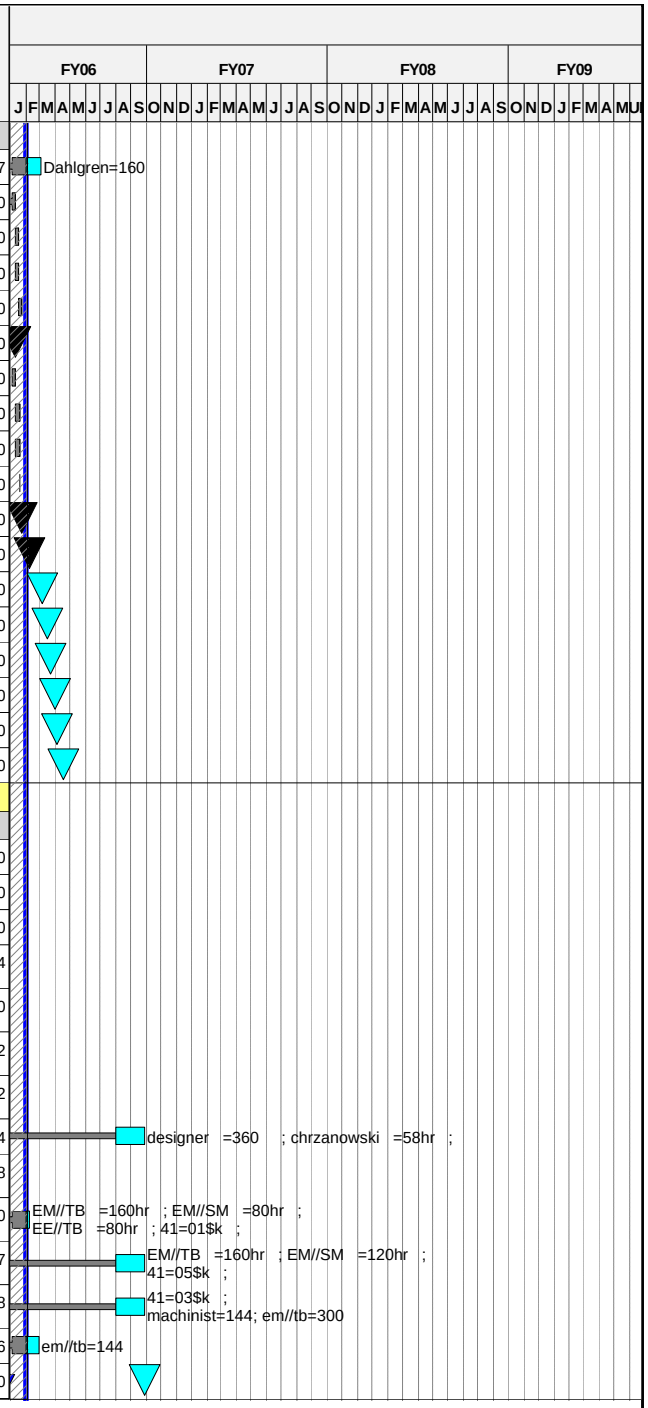
Subcontract Procurement Plan									
1301FD-05	Anaylsis Check	01MAR05A	252*	01MAR06	01NOV05	915	95	25,649.40	26,999.37
1301R-37	Prepare Coil Spec	01MAR05A	231*	09JAN06A	01NOV05		85	0.00	0.00
131-300	Write Statement of work	10JAN06A	5	16JAN06A				0.00	0.00
131-305	Approve Specficiation	10JAN06A	5	16JAN06A				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	07MAR06*		248		0.00	0.00
131-360	Initial Proposal rating		0	15MAR06		248		0.00	0.00
131-365	Project manager decision		0	22MAR06		248		0.00	0.00
131-370	Subcontract negotiations complete		0	30MAR06		248		0.00	0.00
131-375	DOE approve package		0	03APR06		248		0.00	0.00
131-380	Contract Award		0	17APR06		248		0.00	0.00
Job: 1350 TF Coil Fab Preparation-CHRZANOWSKI									
FY05CV-7	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			135,000.00	135,000.00
1350-100	Design tooling & winding facility	01MAR05A	152*	31AUG05A	31AUG05A		100	96,961.10	96,961.10
1350-500	Recondition turnkng fixture	21MAR05A	88*	30JUN05A	30JUN05A		100	33,232.20	33,232.20
1350-600	Build Cleanroom	28MAR05A	174*	30NOV05A	14OCT05		100	45,265.84	45,265.84
1350-605	Install winding table	01JUN05A	50*	30JUN05A	30JUN05A		100	24,655.80	24,655.80
1350-610	Setup copper delivery system	03OCT05A	15	31OCT05A	21NOV05		100	11,240.32	11,240.32
1350-615	Install taping machine	01OCT05A	15	31OCT05A	21NOV05		100	11,240.32	11,240.32
1350-100.1	Design tooling & winding facility	01SEP05A	88*	29SEP06	31OCT05	765	90	45,408.01	50,453.34
1350-505	Winding Clamps	02MAY05A	174*	23DEC05A	01NOV05		100	21,766.78	21,766.78
1350-510	Taping Machine Conditioning	01DEC05A	6	08FEB06	22DEC05	930	80	24,976.48	31,220.60
1350-515	Winding mandrel	01JUL05A	131*	29SEP06	23DEC05	765	30	9,934.98	33,116.57
1350-520	Misc tools & equipt	08SEP05A	103*	29SEP06	15DEC05	765	70	32,247.38	46,067.68
1351-089	Fab Lift Fixture	03OCT05A	99*	28FEB06	23DEC05	916	75	8,795.52	11,727.36
1350-620	Complete setup of facility		0	29SEP06*	23DEC05*	765		0.00	0.00



Run Date 20FEB06 14:13

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
ECP-39 Baseline

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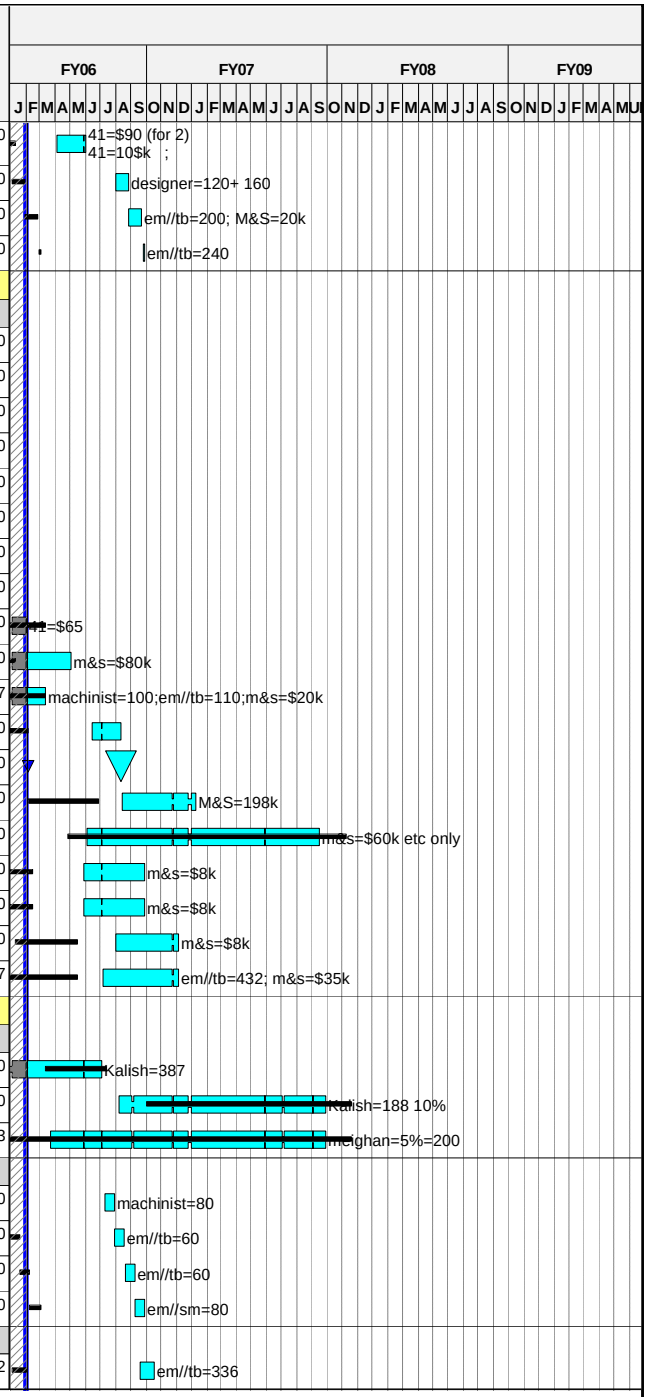
1350-525	TF mold (2)	03APR06	44	02JUN06	11JAN06	249		0.00	123,390.00
1351-080	Design Assy Fixture	01AUG06*	20	28AUG06	30JAN06	765		0.00	32,432.40
1351-086	Fab/Assemble Fixture	29AUG06	19	22SEP06	24FEB06	765		0.00	43,708.00
1351-088	Setup Wedge Casting Fixture & test	25SEP06	5	29SEP06	03MAR06	765		0.00	19,545.60
Job: 1351 - TF Coil Fabr Supplies-KALISH									
TF Materials & Supplies									
FY05CV-8	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			14,000.00	14,000.00
1301FD-72	TF Conductor Procurement Package approved	31MAY05A	5	31MAY05A	31MAY05A		100	0.00	0.00
1301FD-74	Prepare & issue TF Conductor RFP	31MAY05A	23*	03JUN05A	03JUN05A		100	0.00	0.00
1301FD-76	Evaluate bids and award TF conductor	06JUN05A	0*	30JUN05A	30JUN05A		100	0.00	0.00
1301FD-77	Award TF conductor		0	30JUN05A	30JUN05A		100	0.00	0.00
1301FD-78	TF Wedge Plate procurement package	29JUL05A	5	29JUL05A	29JUL05A		100	0.00	0.00
1301FD-80	Prepare and Issue TF Wedge Plate RFP	12AUG05A	5	18AUG05A	18AUG05A		100	0.00	0.00
1351-529	Coil Supplies- Deliver Copper	01JUL05A	123*	23DEC05A	14OCT05		100	133,864.50	133,864.50
1351-531	Coil Supplies- G-11 fillers (PE006162)	03JAN06A	29*	31JAN06A	13MAR06		100	89,115.00	89,115.00
1351-525	Coil Supplies- Insulation (PE6299)	03JAN06A	65	02MAY06	11JAN06	271	70	0.00	109,680.00
1351-533	Coil Supplies- Lead Blocks(pe6134 for copper)	03SEP05A	128*	13MAR06	13MAR06	274	M&S	32,025.00	53,322.27
1301FD-82	Update spec, rebid and award Wedge Plate	15JUN06*	41	11AUG06	06FEB06	695		0.00	0.00
1351-85C	Award TF Castings		0	11AUG06	06FEB06	700		0.00	0.00
1351-85D	Vendor Fab TF Castings	14AUG06	100	10JAN07	27JUN06	700		0.00	264,924.00
1351-527	Coil Supplies- Epoxy	05JUN06	324*	13SEP07	07NOV07	251		0.00	82,260.00
1351-535	Coil Supplies- Safety & PPE equipt & supplies	30MAY06*	88	29SEP06	13FEB06	765		0.00	10,968.00
1351-537	Coil Supplies- Misc supplies	30MAY06*	88	29SEP06	13FEB06	765		0.00	10,968.00
1351-541	VPI Supplies- Misc VPI supplies	02AUG06*	88	05DEC06	15MAY06	720		0.00	10,968.00
1351-543	VPI Supplies- Disposable VPI HW	06JUL06*	107	05DEC06	15MAY06	720		0.00	83,490.47
Job: 1361 - TF Fabrication-CHRZANOWSKI									
TF Title III and Fabrication Oversight									
131-031	Title III engr (FDR through 1st coil test 75%)	10OCT05A	182*	03JUL06	14JUL06	271		27,462.77	67,476.10
131-032	Title III engr (completion of coils 10%)	08AUG06	286	27SEP07	19NOV07	247		0.00	33,360.50
131-033	Winding operations field oversight	24MAR06*	382*	28SEP07	19NOV07	512		0.00	26,005.03
TF Braze Qualification									
1351-512	Prepare braze samples	10JUL06*	15	28JUL06	21DEC05	765		0.00	10,256.00
1351-513	Develop brzae techniques	31JUL06	15	18AUG06	19JAN06	765		0.00	4,886.40
1351-514	Braze conductor samples	21AUG06	15	08SEP06	09FEB06	765		0.00	4,886.40
1351-515	Test brazed samples	11SEP06	15	29SEP06	02MAR06	765		0.00	10,256.00
Conductor Prep									
1351-547	Conductor Preparation	18SEP06*	21	16OCT06	31JAN06	754		0.00	27,677.12



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ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

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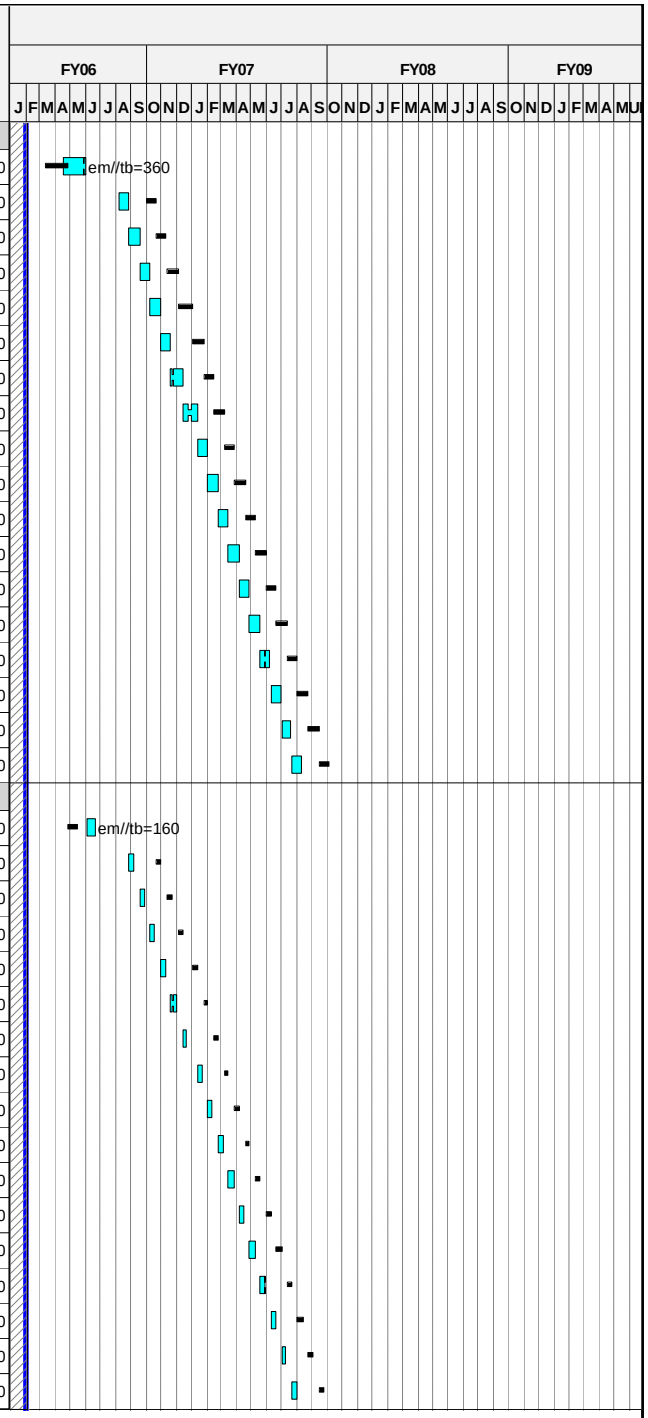
Coil Winding									
1351-549	Wind Coil #1	18APR06	33	02JUN06	27APR06	249		0.00	29,318.40
1351-551	Wind Coil #2	08AUG06	15	28AUG06	20OCT06	249		0.00	21,988.80
1351-553	Wind Coil #3	29AUG06	15	18SEP06	10NOV06	251		0.00	16,288.00
1351-555	Wind Coil #4	19SEP06	15	09OCT06	05DEC06	251		0.00	16,430.40
1351-557	Wind Coil #5	10OCT06	15	30OCT06	03JAN07	251		0.00	6,657.60
1351-559	Wind Coil #6	31OCT06	15	20NOV06	24JAN07	251		0.00	6,657.60
1351-561	Wind Coil #7	21NOV06	15	13DEC06	14FEB07	251		0.00	6,657.60
1351-563	Wind Coil #8	14DEC06	15	11JAN07	07MAR07	251		0.00	6,657.60
1351-565	Wind Coil #9	12JAN07	15	01FEB07	28MAR07	251		0.00	6,657.60
1351-567	Wind Coil #10	02FEB07	15	22FEB07	18APR07	251		0.00	6,657.60
1351-569	Wind Coil #11	23FEB07	15	15MAR07	09MAY07	251		0.00	6,657.60
1351-571	Wind Coil #12	16MAR07	15	05APR07	31MAY07	251		0.00	6,657.60
1351-573	Wind Coil #13	06APR07	15	26APR07	21JUN07	251		0.00	6,657.60
1351-575	Wind Coil #14	27APR07	15	17MAY07	12JUL07	251		0.00	6,657.60
1351-577	Wind Coil #15	18MAY07	15	08JUN07	02AUG07	251		0.00	6,657.60
1351-579	Wind Coil #16	11JUN07	15	29JUN07	23AUG07	251		0.00	6,657.60
1351-581	Wind Coil #17	02JUL07	15	20JUL07	13SEP07	251		0.00	6,657.60
1351-583	Wind Coil #18	23JUL07	15	10AUG07	04OCT07	251		0.00	6,657.60
Ground Wrap & Mold Application									
1351-649	GW & Apply Mold Coil #1	05JUN06	12	20JUN06	15MAY06	249		0.00	13,030.40
1351-651	GW & Apply Mold Coil #2	29AUG06	7	06SEP06	31OCT06	358		0.00	9,772.80
1351-653	GW & Apply Mold Coil #3	19SEP06	7	27SEP06	21NOV06	350		0.00	7,329.60
1351-655	GW & Apply Mold Coil #4	10OCT06	7	18OCT06	14DEC06	342		0.00	7,489.80
1351-657	GW & Apply Mold Coil #5	31OCT06	7	08NOV06	12JAN07	337		0.00	2,912.70
1351-659	GW & Apply Mold Coil #6	21NOV06	7	01DEC06	02FEB07	329		0.00	2,912.70
1351-661	GW & Apply Mold Coil #7	14DEC06	7	22DEC06	23FEB07	324		0.00	2,912.70
1351-663	GW & Apply Mold Coil #8	12JAN07	7	22JAN07	16MAR07	316		0.00	2,912.70
1351-665	GW & Apply Mold Coil #9	02FEB07	7	12FEB07	06APR07	311		0.00	2,912.70
1351-667	GW & Apply Mold Coil #10	23FEB07	7	05MAR07	27APR07	303		0.00	2,912.70
1351-669	GW & Apply Mold Coil #11	16MAR07	7	26MAR07	18MAY07	298		0.00	2,912.70
1351-671	GW & Apply Mold Coil #12	06APR07	7	16APR07	11JUN07	290		0.00	2,912.70
1351-673	GW & Apply Mold Coil #13	27APR07	7	07MAY07	02JUL07	285		0.00	2,912.70
1351-675	GW & Apply Mold Coil #14	18MAY07	7	29MAY07	23JUL07	277		0.00	2,912.70
1351-677	GW & Apply Mold Coil #15	11JUN07	7	19JUN07	13AUG07	272		0.00	2,912.70
1351-679	GW & Apply Mold Coil #16	02JUL07	7	10JUL07	03SEP07	264		0.00	2,912.70
1351-681	GW & Apply Mold Coil #17	23JUL07	7	31JUL07	24SEP07	259		0.00	2,912.70



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ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
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0601

NCSX

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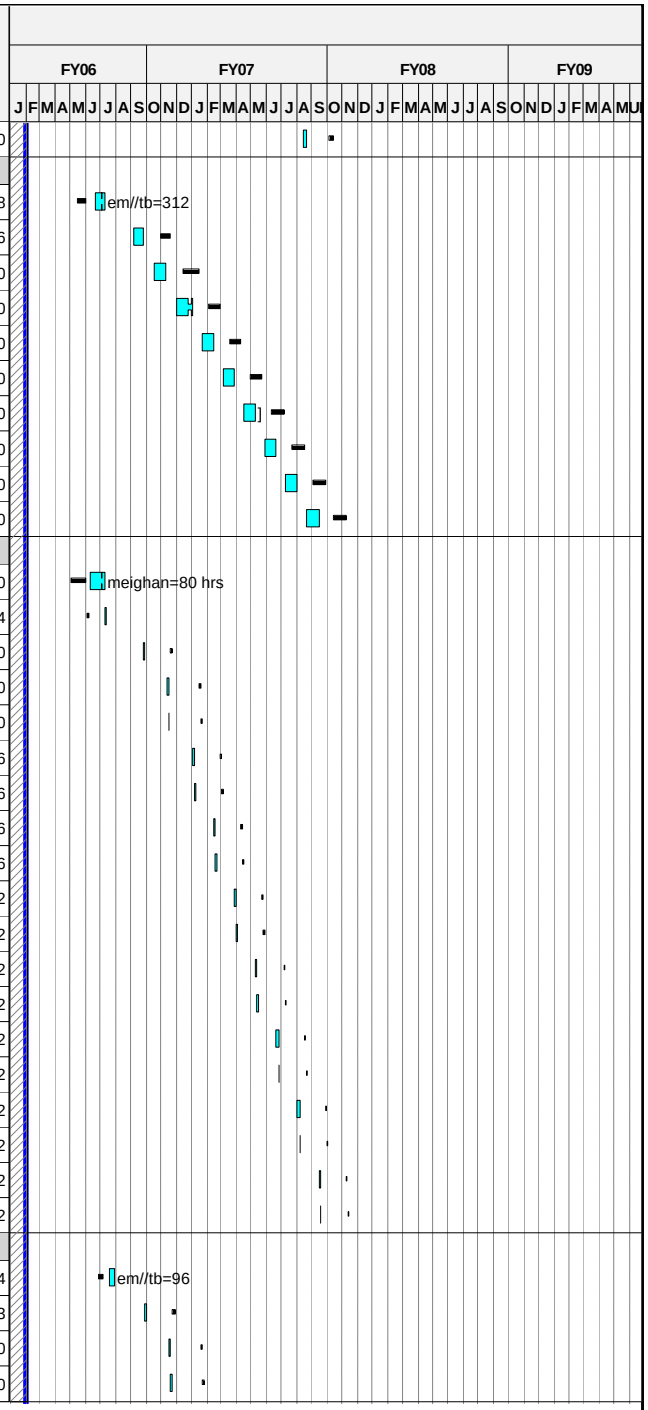
1351-683	GW & Apply Mold Coil #18	13AUG07	7	21AUG07	15OCT07	251		0.00	2,912.70
VPI									
1351-751	VPI Coil #1	21JUN06	13	10JUL06	02JUN06	249		0.00	25,409.28
1351-752	VPI Coil #2	07SEP06	13	25SEP06	17NOV06	359		0.00	19,056.96
1351-755	VPI Coil #3 & #4	19OCT06	17	10NOV06	16JAN07	342		0.00	14,563.50
1351-759	VPI Coil #5 & #6	04DEC06	17	03JAN07	27FEB07	329		0.00	14,563.50
1351-763	VPI Coil #7 & #8	23JAN07	17	14FEB07	10APR07	316		0.00	6,241.50
1351-767	VPI Coil #9 & #10	06MAR07	17	28MAR07	22MAY07	303		0.00	6,241.50
1351-771	VPI Coil #11 & #12	17APR07	17	09MAY07	04JUL07	290		0.00	6,241.50
1351-775	VPI Coil #13 & #14	30MAY07	17	21JUN07	15AUG07	277		0.00	6,241.50
1351-779	VPI Coil #15 & #16	11JUL07	17	02AUG07	26SEP07	264		0.00	6,241.50
1351-783	VPI Coil #17 & #18	22AUG07	17	13SEP07	07NOV07	251		0.00	6,241.50
Electrical Test (warm before casting instl))									
1351-848	Prep & setup for warm test	12JUN06	20	10JUL06	02JUN06	249		0.00	10,256.00
1351-849	Warm Test Coil #1	11JUL06	2	12JUL06	06JUN06	249		0.00	1,303.04
1351-851	Warm Test Coil #2	26SEP06	2	27SEP06	21NOV06	390		0.00	814.40
1351-853	Warm Test Coil #3	13NOV06	2	14NOV06	18JAN07	359		0.00	832.20
1351-855	Warm Test Coil #4	15NOV06	2	16NOV06	22JAN07	366		0.00	832.20
1351-857	Warm Test Coil #5	04JAN07	2	05JAN07	01MAR07	341		0.00	665.76
1351-859	Warm Test Coil #6	08JAN07	2	09JAN07	05MAR07	342		0.00	665.76
1351-861	Warm Test Coil #7	15FEB07	2	16FEB07	12APR07	359		0.00	665.76
1351-863	Warm Test Coil #8	19FEB07	2	20FEB07	16APR07	360		0.00	665.76
1351-865	Warm Test Coil #9	29MAR07	2	30MAR07	24MAY07	335		0.00	499.32
1351-867	Warm Test Coil #10	02APR07	2	03APR07	29MAY07	337		0.00	499.32
1351-869	Warm Test Coil #11	10MAY07	2	11MAY07	06JUL07	312		0.00	499.32
1351-871	Warm Test Coil #12	14MAY07	2	15MAY07	10JUL07	313		0.00	499.32
1351-873	Warm Test Coil #13	22JUN07	2	25JUN07	17AUG07	298		0.00	499.32
1351-875	Warm Test Coil #14	26JUN07	2	27JUN07	21AUG07	299		0.00	499.32
1351-877	Warm Test Coil #15	03AUG07	2	06AUG07	28SEP07	274		0.00	499.32
1351-879	Warm Test Coil #16	07AUG07	2	08AUG07	02OCT07	276		0.00	499.32
1351-881	Warm Test Coil #17	14SEP07	2	17SEP07	09NOV07	251		0.00	499.32
1351-883	Warm Test Coil #18	18SEP07	2	19SEP07	13NOV07	252		0.00	499.32
Assemble TF Casting to TF coil									
1351-110A	Assemble TF to Wedge Casting TF#1	21JUL06	6	28JUL06	06JUL06	249		0.00	7,818.24
1351-115A	Assemble TF to Wedge Casting TF#2	28SEP06	3	02OCT06	28NOV06	390		0.00	5,742.33
1351-120A	Assemble TF to Wedge Casting TF#3	15NOV06	3	17NOV06	23JAN07	359		0.00	4,577.10
1351-125A	Assemble TF to Wedge Casting TF#4	20NOV06	3	22NOV06	26JAN07	365		0.00	4,577.10



Run Date 20FEB06 14:13

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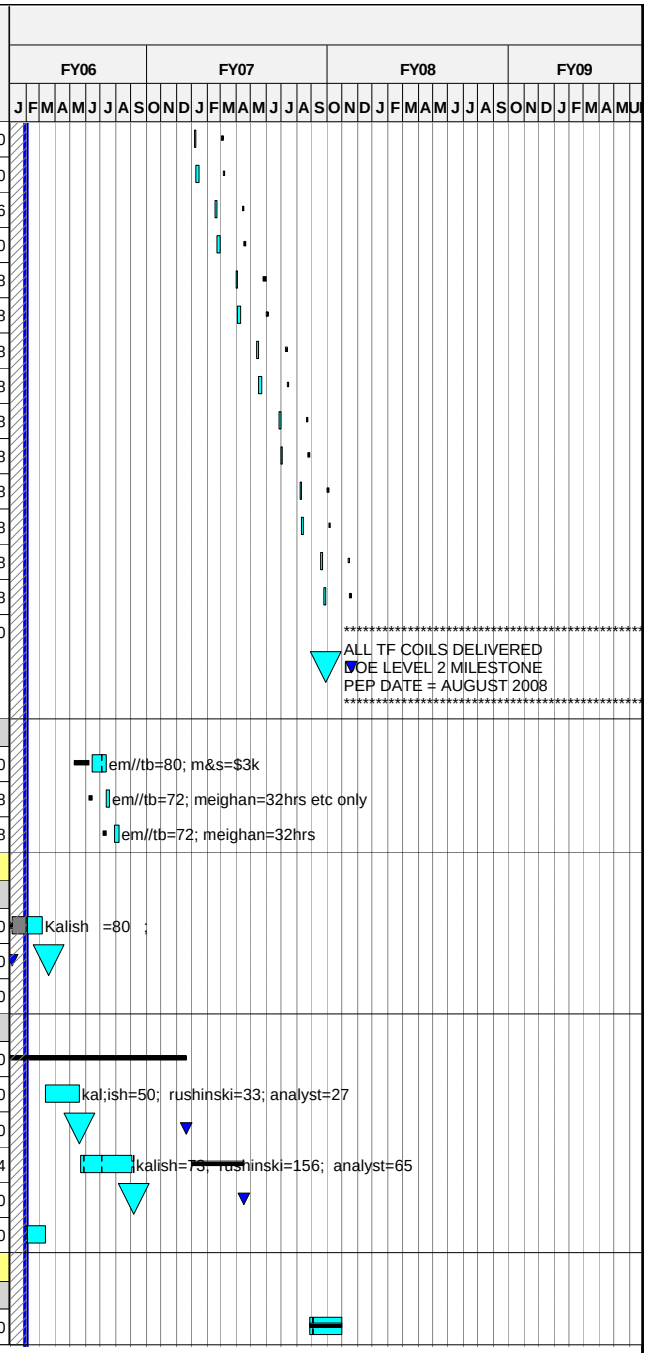
ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
ECP-39 Baseline

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
1351-130A	Assemble TF to Wedge Casting TF#5	08JAN07	3	10JAN07	06MAR07	341		0.00	4,161.00
1351-135A	Assemble TF to Wedge Casting TF#6	11JAN07	3	15JAN07	09MAR07	341		0.00	4,161.00
1351-140A	Assemble TF to Wedge Casting TF#7	19FEB07	3	21FEB07	17APR07	359		0.00	249.66
1351-145A	Assemble TF to Wedge Casting TF#8	22FEB07	3	26FEB07	20APR07	359		0.00	2,496.60
1351-150A	Assemble TF to Wedge Casting TF#9	02APR07	3	04APR07	30MAY07	335		0.00	1,997.28
1351-155A	Assemble TF to Wedge Casting TF#10	05APR07	3	09APR07	04JUN07	336		0.00	1,997.28
1351-160A	Assemble TF to Wedge Casting TF#11	14MAY07	3	16MAY07	11JUL07	312		0.00	1,997.28
1351-165A	Assemble TF to Wedge Casting TF#12	17MAY07	3	21MAY07	16JUL07	312		0.00	1,997.28
1351-170A	Assemble TF to Wedge Casting TF#13	26JUN07	3	28JUN07	22AUG07	298		0.00	1,997.28
1351-175A	Assemble TF to Wedge Casting TF#14	29JUN07	3	03JUL07	27AUG07	298		0.00	1,997.28
1351-180A	Assemble TF to Wedge Casting TF#15	07AUG07	3	09AUG07	03OCT07	274		0.00	1,997.28
1351-185A	Assemble TF to Wedge Casting TF#16	10AUG07	3	14AUG07	08OCT07	275		0.00	1,997.28
1351-190A	Assemble TF to Wedge Casting TF#17	18SEP07	3	20SEP07	14NOV07	251		0.00	1,997.28
1351-195A	Assemble TF to Wedge Casting TF#18	25SEP07	3	27SEP07	19NOV07	249		0.00	1,997.28
1351-195X	ALL TF COILS DELIVERED		0	27SEP07	19NOV07	249		0.00	0.00
Final Test (cold after casting installation)									
1351-901	Build Cryostat for teststand to hold TF coil	14JUN06	20	12JUL06	06JUN06	249		0.00	10,628.20
1351-905	Cold test #1 BEFORE casting applied	13JUL06	6	20JUL06	14JUN06	249		0.00	9,966.08
1351-910	Cold test #1 again AFTER casting applied	31JUL06	6	07AUG06	14JUL06	249		0.00	9,966.08
Job: 1302 - PF Design -KALISH									
TF I&C									
133-010	Design WBS 134 Conv Coil I&C	01MAR05A	254*	06MAR06	03JAN06	613	10	1,350.58	13,505.80
133-011	Design WBS 134 Conv Coil I&C FDR		0	20MAR06*	03JAN06*	897		0.00	0.00
FY05CV-6	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			-22,000.00	-22,000.00
1302-PF	Start PF Preliminary Design	01MAR05A	145	30SEP05A	22DEC06		100	7,601.50	7,601.50
1302-PFX	Complete PF Preliminary Design	14MAR06*	49*	19MAY06		366		0.00	19,146.60
141-012	PF PDR		0	19MAY06*	22DEC06	366		0.00	0.00
1302-CSS	PF Final Design	22MAY06	75*	06SEP06	16APR07	366		0.00	51,173.64
1301-137	PF FDR		0	06SEP06	16APR07	366		0.00	0.00
133-012	Specification for PF coils	01FEB06*	29*	13MAR06	02DEC05	366		0.00	0.00
Job: 1352 - PF Coil Procurement-KALISH									
PF Coil Fabrication									
141-035	Bid & Award PF Coils	27AUG07*	45	29OCT07	29OCT07	124		0.00	0.00



Run Date 20FEB06 14:13

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX

Status through FEBRUARY 1st

ECP-39 Baseline

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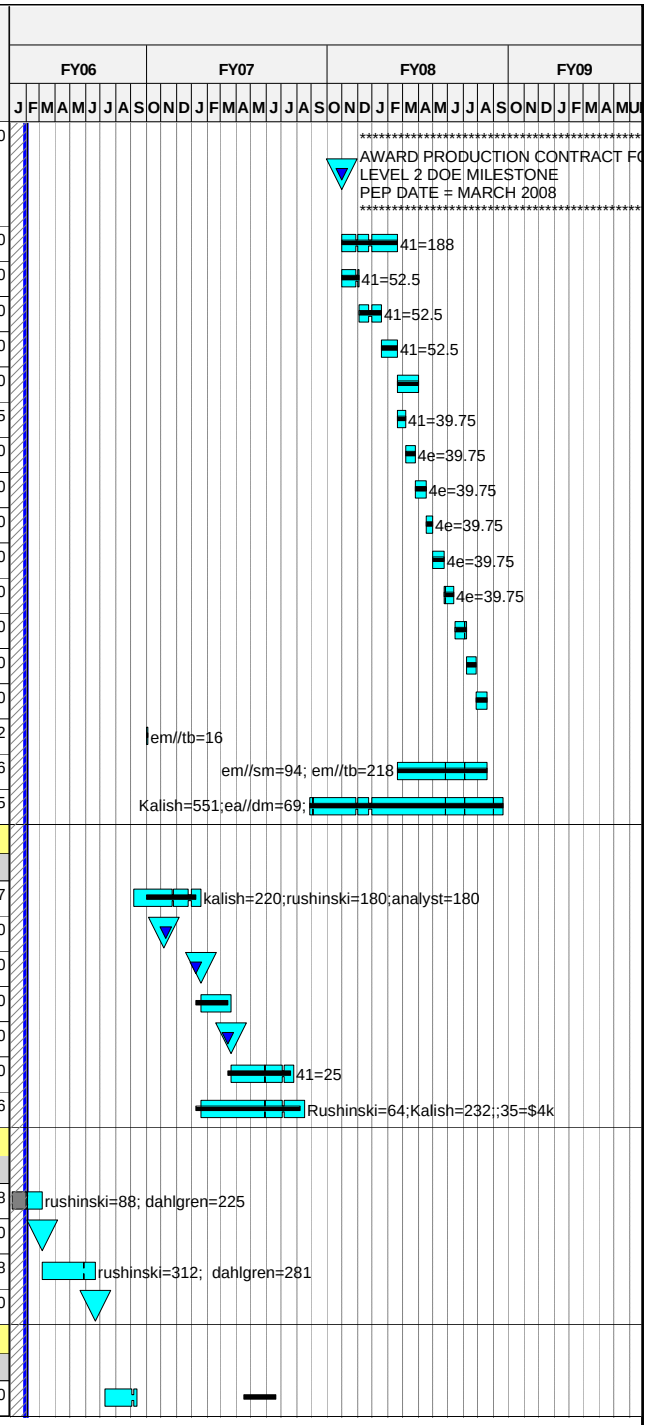
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
141-036	PF Coils Awarded		0	29OCT07	29OCT07	124		0.00	0.00
1352-100	Material & leads	30OCT07	75	21FEB08	21FEB08	124		0.00	264,140.00
1352-110	Tooling for PF 4	30OCT07*	25	05DEC07	05DEC07	159		0.00	73,762.50
1352-115	Tooling for PF 5	06DEC07	25	17JAN08	17JAN08	159		0.00	73,762.50
1352-120	Tooling for PF 6	18JAN08	25	21FEB08	21FEB08	174		0.00	73,762.50
1352-105	Tooling for PF 1,2 and 3 NOT REQ"D USE	22FEB08	30	03APR08	03APR08	174		0.00	0.00
1352-140	Fabricate/Dlvr PF 4 lower	22FEB08	10	06MAR08	06MAR08	124		0.00	55,848.75
1352-145	Fabricate/Dlvr PF 5 lower	07MAR08	15	27MAR08	27MAR08	124		0.00	41,817.00
1352-150	Fabricate/Dlvr PF 6 lower	28MAR08	15	17APR08	17APR08	124		0.00	41,817.00
1352-155	Fabricate/Dlvr PF 4 upper	18APR08	10	01MAY08	01MAY08	124		0.00	41,817.00
1352-160	Fabricate/Dlvr PF 5 upper	02MAY08	15	22MAY08	22MAY08	124		0.00	41,817.00
1352-165	Fabricate/Dlvr PF 6 upper	23MAY08	15	13JUN08	13JUN08	124		0.00	41,817.00
1352-125	Fabricate/Dlvr PF 1 NOT REQD USE PF1a	16JUN08	15	07JUL08	07JUL08	124		0.00	0.00
1352-130	Fabricate/Dlvr PF 2 NOT REQD USE PF1a	08JUL08	15	28JUL08	28JUL08	124		0.00	0.00
1352-135	Fabricate/Dlvr PF 3 NOT REQD USE PF1a	29JUL08	15	18AUG08	18AUG08	124		0.00	0.00
1352-135X	Refurbish NSTX PF1a	02OCT06*	5	06OCT06	06OCT06	589		0.00	1,331.52
722.010	PF Coil receipt inspect/test (formerly wbs 183)	22FEB08	125*	18AUG08	18AUG08	124		0.00	31,275.16
141-031	Title III engr WBS 132	27AUG07*	268	19SEP08	19SEP08	268		0.00	112,977.05
Job: 1354 - Trim Coil Design &Procurement-KALISH									
Trim Coils									
1303-TRIM	Trim Coil Design	07SEP06*	88	18JAN07	10JAN07	218		0.00	42,155.97
1303-136	Trim Coil PDR		0	07NOV06	10NOV06	227		0.00	0.00
1303-137	Trim Coil FDR		0	18JAN07	10JAN07	218		0.00	0.00
184-035	Bid & Award Ext Trim Coils	19JAN07	45	22MAR07	14MAR07	218		0.00	0.00
184-036	Award External Trim Coils		0	22MAR07	14MAR07*	218		0.00	0.00
184-037	External Trim Coil Procurement/Fab*ecp16	23MAR07	87	25JUL07	17JUL07	218		0.00	34,275.00
184-015	Title III WBS 133 Rxt Trim Coils	19JAN07	147	15AUG07	07AUG07	543		0.00	26,834.06
Job: 1303 -Centrol Solenoid Support Dsn-DAHLGREN									
1303-100	CS Support Preliminary Design	03JAN06A	46*	07MAR06		370	20	10,896.16	54,480.78
1303-105	CS Sprt PDR		0	07MAR06		370		0.00	0.00
1303-110	CS Support Final Design	08MAR06	75	21JUN06		370		0.00	103,217.58
1303-115	CS Support FDR		0	21JUN06		370		0.00	0.00
Job: 1353 - CS Structure Procurement-DAHLGREN									
CS Support Structure									
163-035	Bid & Award CS Support Struct	10JUL06	45	11SEP06	19JUN07	359		0.00	0.00



Run Date 20FEB06 14:13

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
ECP-39 Baseline

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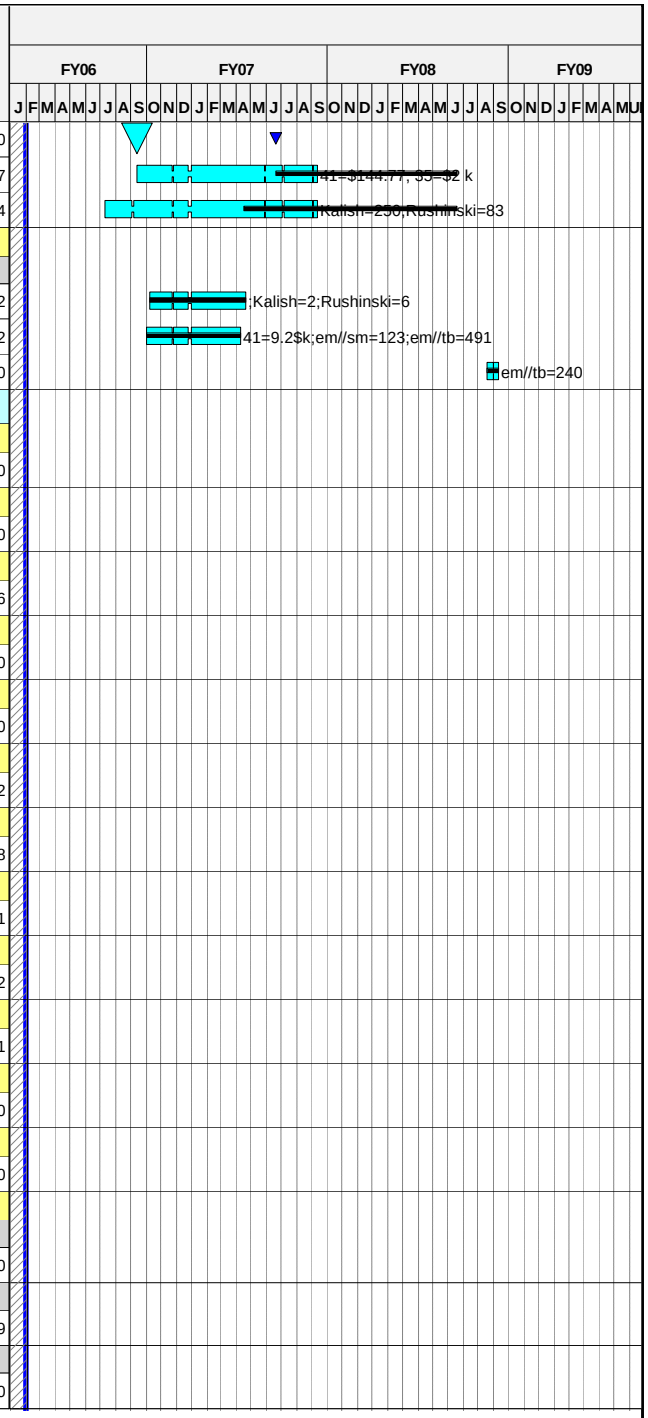
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
163-036.9	Award CS Support Structure		0	11SEP06*	19JUN07*	359		0.00	0.00
163-037	CS Support Structure Procurement/Fab	12SEP06*	249	10SEP07	17JUN08	359		0.00	202,019.87
163-015	Title III design CS sprt struc	10JUL06	294	10SEP07	17JUN08	526		0.00	58,973.44
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	09OCT06*	130	18APR07	18APR07	626		0.00	1,141.72
133-037	Conv Coil I&C WBS 134 Proc & Install	02OCT06*	130	11APR07	11APR07	467		0.00	69,587.22
1355-100	CS and PF 1a Pre-Assy incl coil I&C	19AUG08	15	09SEP08	09SEP08	124		0.00	20,510.40
14 - Modular Coils									
+ Job: 1401 - Mod Coil Prel.DsnCLOSED****									
		01APR03A	636	30SEP05A	30SEP05A		100	304,040.00	304,040.00
+ Job: 1402 - Mod.Coil AnalysesCLOSED****									
		01APR03A	636	30SEP05A	30SEP05A		100	239,140.00	239,140.00
+ Job:1404-MCWF R&D & 1st Prod CastingCLOSED****									
		01APR03A	636	30SEP05A	30SEP05A		100	2,543,518.06	2,543,518.06
+ Job: 1413 -MCWF Fracture Analysis-CLOSED****									
		01OCT04A	251	30SEP05A	30SEP05A		100	28,169.40	28,169.40
+ Job: 1405-Mod Coil Winding R&D Prep-CLOSED****									
		01APR03A	636	30SEP05A	30SEP05A		100	168,070.00	168,070.00
+ Job: 1407 -Mod Coil Winding Facility-CLOSED****									
		01APR03A	636	30SEP05A	30SEP05A		100	2,545,993.12	2,545,993.12
+ Job: 1412 - Complete Winding Facilities-*CLOSED*									
		01OCT04A	251	30SEP05A	30SEP05A		100	537,436.88	537,436.88
+ Job: 1406 - Mod. Coil Winding R&D-CLOSED****									
		01APR03A	636	30SEP05A	30SEP05A		100	2,246,588.41	2,246,588.41
+ Job: 1410 MC Twisted Racetrack Fabr-CLOSED****									
		01OCT04A	251	30SEP05A	30SEP05A		100	1,050,211.32	1,050,211.32
+ Job: 1409 - Coil Test Stand-GETTELFINGER*CLOSED*									
		20OCT03A	494	30SEP05A	30SEP05A		100	915,941.31	915,941.31
+ Job: 1415 Dim Cntrl Testing-RAFTOPOLOUS*CLOSED**									
		01OCT04A	251	30SEP05A	30SEP05A		100	23,850.00	23,850.00
+ Job: 1419-Winding Fac. Mods-CHRZANOWSKI*CLOSED*									
		01OCT04A	251	30SEP05A	30SEP05A		100	48,000.00	48,000.00
Job: 1403 - Modular Coil Final Design-WILLIAMSON									
+ PDR/PBR Prep									
		01OCT03A	61	24DEC03A	24DEC03A		100	18,016.60	18,016.60
+ Requirements/Config and Interfaces									
		15OCT03A	160	28MAY04A	28MAY04A		100	46,457.09	46,457.09
+ Analysis - Thermal & Electrical									
		15OCT03A	152	18MAY04A	18MAY04A		100	39,639.40	39,639.40



Run Date 20FEB06 14:13

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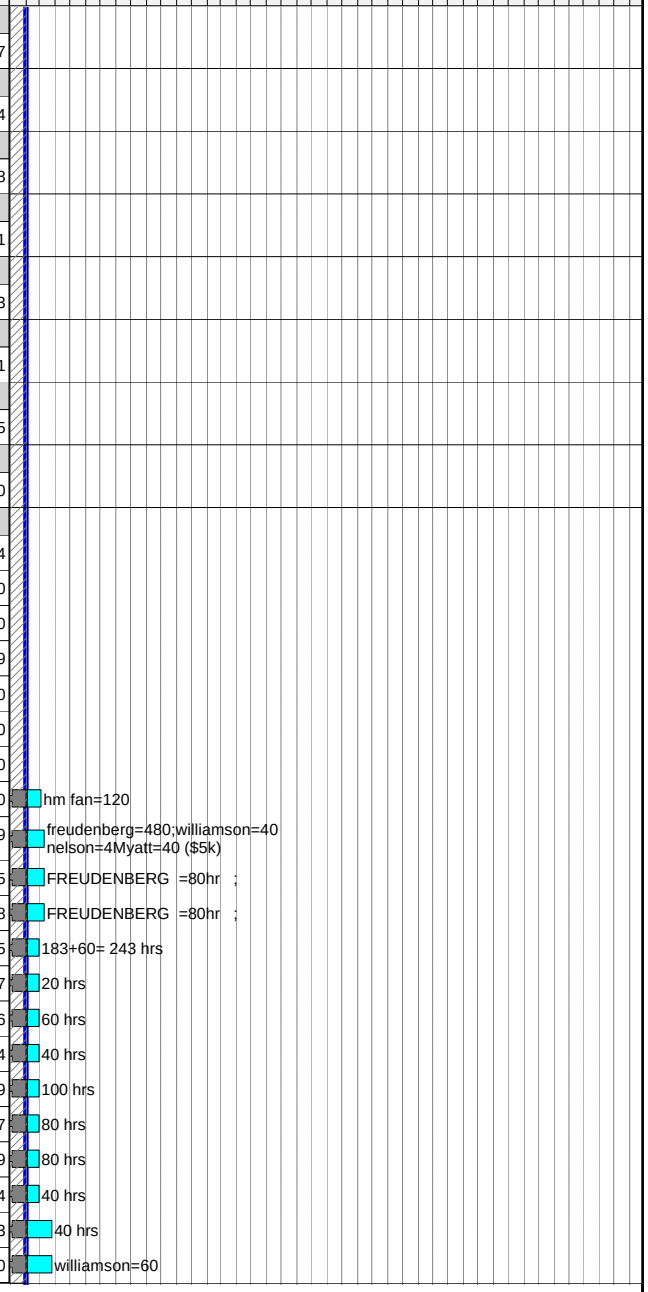
ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
ECP-39 Baseline

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
+ Analysis - Structural									
		15OCT03A	*152*	**18MAY04A**	18MAY04A		***100***	***367,160.37***	367,160.37
+ Winding Form FDR Prep									
		15OCT03A	*236*	**16SEP04A**	16SEP04A		***100***	***383,223.24***	383,223.24
+ MCWF Procurement									
		01JUN04A	*86*	**30SEP04A**	30SEP04A		***100***	***45,223.48***	45,223.48
+ Coil-to-coil Interface Design									
		15OCT03A	*246*	**30SEP04A**	30SEP04A		***100***	***91,408.51***	91,408.51
+ MCWF & Winding Analysis/Testing									
		02FEB04A	*400*	**31AUG05A**	31AUG05A		***100***	***656,902.73***	656,902.73
+ Winding and Assembly Design-Type C									
		01JAN04A	*442*	**30SEP05A**	30SEP05A		***100***	***267,656.11***	267,656.11
+ Twisted Racetrack Design (Williamson)									
		01OCT03A	*455*	**29JUL05A**	29JUL05A		***100***	***376,539.25***	376,539.25
+ Prior Costs									
		01OCT04A	*251*	**30SEP05A**	30SEP05A		***100***	***564,400.00***	564,400.00
Type C Design Closeout									
1403-203C	Finish Clamp Dwgs (5)-Type C	**01MAR05A**	*193**	**30NOV05A**	14OCT05		***100***	***15,791.04***	15,791.04
1403-506	Chill plate dwgs approved for fabrication		*0**	**30NOV05A**	03OCT05		***100***	***0.00***	0.00
1403-510	Clamp and assy dwgs approved for fabrication	**30NOV05A**	*0**	**30NOV05A**	17OCT05		***100***	***0.00***	0.00
1403-59	Type-C product specifications	**02MAY05A**	*160**	**30NOV05A**	14OCT05		***100***	***6,350.79***	6,350.79
1403-70.05	Update MIT/QA Plans for Type C Winding Fab	**01SEP05A**	*42**	**31OCT05A**	21OCT05		***100***	***6,474.00***	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**	*351**	**01MAR06**	31OCT05	***915***	***90***	***18,118.08***	20,131.20
1403-40.2Z	Update nonlinear winding pack analysis	**01AUG04A**	*401**	**10MAR06**	14OCT05	***908***	***90***	***79,224.47***	88,027.19
1403-73	Prep struct analysis report	**01MAY05A**	*215**	**10MAR06**	31OCT05	***908***	***80***	***10,356.36***	12,945.45
1403-76	Structural analysis of leads	**01OCT04A**	*358**	**10MAR06**	31OCT05	***908***	***80***	***10,182.06***	12,727.58
1403-200	Side A/B winding pack assy-Type C	**01JAN04A**	*541**	**28FEB06**	14OCT05	***916***	***90***	***32,415.35***	36,017.05
1403-224C	Finish VPI mold assembly-Type C	**01MAR05A**	*251**	**28FEB06**	14OCT05	***916***	***90***	***2,887.26***	3,208.07
1403-206.1	Cooling tubes/services assy- Type C	**25APR05A**	*212**	**28FEB06**	14OCT05	***916***	***90***	***8,715.47***	9,683.86
1403-206C	Finish Cooling, Electr Schematic Dwgs - Type	**01MAR05A**	*251**	**28FEB06**	14OCT05	***916***	***90***	***5,774.53***	6,416.14
1403-58C	Check and promote clamp, I&C assy dwgs	**01JUN05A**	*186**	**28FEB06**	14OCT05	***916***	***90***	***14,606.27***	16,229.19
1403-60C	Finish Update design basis document	**02MAY05A**	*207**	**28FEB06**	14OCT05	***916***	***60***	***7,754.50***	12,924.17
1403-223C	Finish Top level coil assembly-Type C	**01MAR05A**	*251**	**28FEB06**	14OCT05	***916***	***90***	***11,549.06***	12,832.29
1403-208C	Finish I&C Dwgs -Type C	**01MAR05A**	*251**	**28FEB06**	14OCT05	***916***	***90***	***5,774.53***	6,416.14
1403-20.2	Resolve FDR chits	**01AUG05A**	*162**	**24MAR06**	17OCT05	***898***	***90***	***5,894.22***	6,549.13
1403-42H	calculate EM loads at leads	**01SEP05A**	*139**	**24MAR06**	31OCT05	***898***	***60***	***5,995.14***	9,991.90



Run Date **20FEB06 14:13**

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
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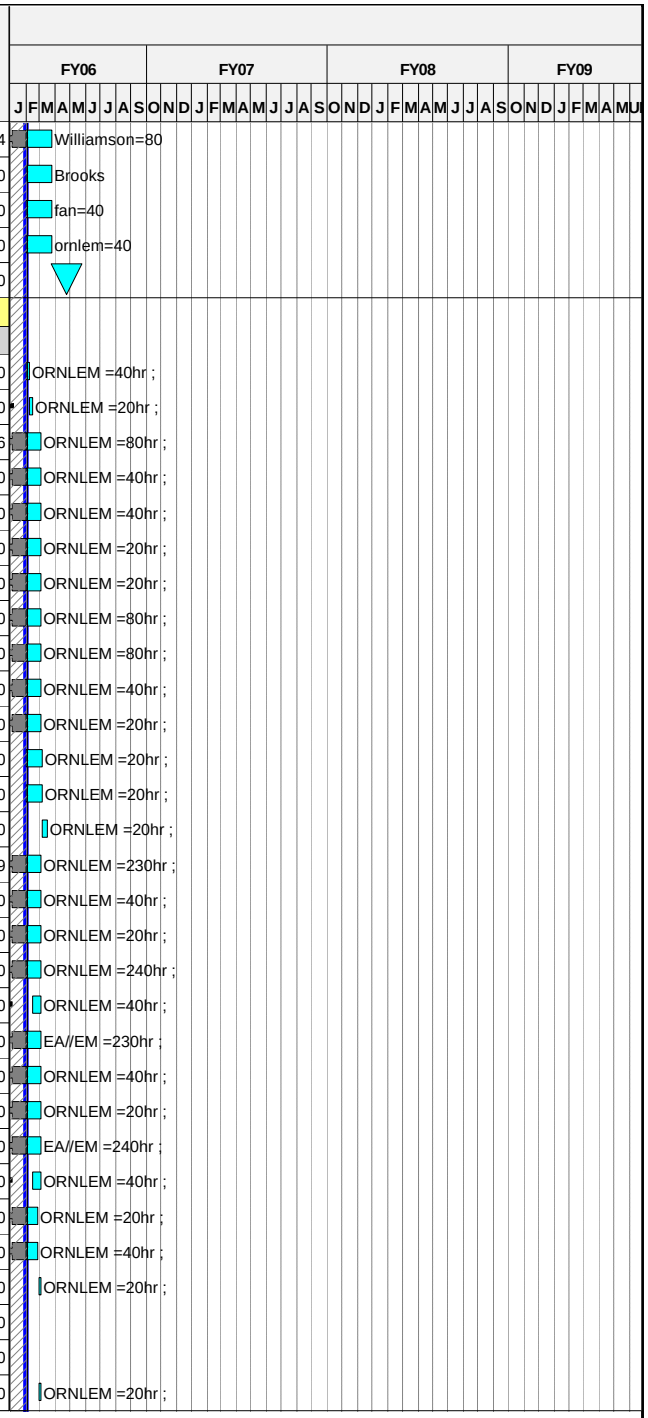
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
1403-47A	Update,review & approve FMECA	26SEP05A	122*	24MAR06	28OCT05	898	10	672.55	6,725.54
1403-42A1	Document analysis of MCWF eddy currents	01FEB06*	38*	24MAR06	31OCT05	898		0.00	0.00
1403-47C	Perform cool-down/warmup analysis	01FEB06*	38*	24MAR06	31OCT05	898		0.00	6,962.40
1403-50A	Check inductance calculation	01FEB06	38*	24MAR06	31OCT05	898		0.00	6,748.00
1403-20.0	Final Design Close-out for Type C		0	24APR06*	31OCT05*	877		0.00	0.00
Job: 1416-Mod Coil Type A&B Final Dsn-WILLIAMSON									
Winding and Assembly Design-Type A									
1416A-105	-Subasm Shrinkwrap	01FEB06*	5	07FEB06	21DEC05	201		0.00	6,748.00
1416A-109	-Check and Promote	08FEB06	5	14FEB06	05JAN06	201		0.00	3,374.00
1416A-113	MCWF mods-As-Built MCWF	01AUG05A	145*	01MAR06	07OCT05	190	90	11,840.27	13,155.86
1416A-117	MCWF mods-Studs, Lead Block Mount	01OCT05A	100*	01MAR06	14OCT05	190	90	6,073.20	6,748.00
1416A-121	MCWF mods-Seal Groove Adapter	01OCT05A	100*	01MAR06	21OCT05	190	90	6,073.20	6,748.00
1416A-125	MCWF mods-Metrology Data Files	03OCT05A	100*	01MAR06	26OCT05	190	90	3,036.60	3,374.00
1416A-129	MCWF mods-Check and Promote	30NOV05A	60*	01MAR06	02NOV05	190	90	3,036.60	3,374.00
1416A-133	Lead Block Assy-Lead Blocks	01OCT05A	100*	01MAR06	28OCT05	150	90	12,146.40	13,496.00
1416A-137	Lead Block Assy-Top and Side Plates	28NOV05A	62*	01MAR06	18NOV05	150	90	12,146.40	13,496.00
1416A-141	Lead Block Assy-Detail Parts, Intralink	28NOV05A	62*	01MAR06	23NOV05	150	80	5,398.40	6,748.00
1416A-145	Lead Block Assy-Filament Data Files	28NOV05A	62*	01MAR06	01DEC05	150	90	3,036.60	3,374.00
1416A-149	Lead Block Assy-Check and Promote	01FEB06	25*	07MAR06	08DEC05	146		0.00	3,374.00
1416A-153	Lead Terminals-Splice Plates	01FEB06*	25*	07MAR06	27OCT05	141		0.00	3,374.00
1416A-157	Lead Terminals-Check and Promote	08MAR06	5*	14MAR06	03NOV05	141		0.00	3,374.00
1416A-161	Side A Coil Assy-Cladding Asm	01SEP05A	122*	01MAR06	28OCT05	154	90	34,409.51	38,232.79
1416A-165	Side A Coil Assy-Cond Layers, Geom Files	28NOV05A	62*	01MAR06	04NOV05	190	60	4,048.80	6,748.00
1416A-169	Side A Coil Assy-Magnetic Loops	28NOV05A	62*	01MAR06	14NOV05	190	60	2,024.40	3,374.00
1416A-173	Side A Coil Assy-Chill Plates and Tubing	28NOV05A	62*	01MAR06	13DEC05	190	70	28,341.60	40,488.00
1416A-177	Side A Coil Assy-Check and Promote	16FEB06	10	01MAR06	04JAN06	190		0.00	6,748.00
1416A-181	Side B Coil Assy-Cladding Asm	01SEP05A	122*	01MAR06	28OCT05	154	90	35,701.56	39,668.40
1416A-185	Side B Coil Assy-Cond Layers, Geom Files	28NOV05A	62*	01MAR06	07NOV05	190	60	4,048.80	6,748.00
1416A-189	Side B Coil Assy-Magnetic Loops	28NOV05A	62*	01MAR06	16NOV05	190	60	2,024.40	3,374.00
1416A-193	Side B Coil Assy-Chill Plates and Tubing	28NOV05A	62*	01MAR06	13DEC05	190	70	29,242.08	41,774.40
1416A-197	Side B Coil Assy-Check and Promote	16FEB06	10	01MAR06	04JAN06	190		0.00	6,748.00
1416A-201	Coil Post VPI mods-Studs Removed	03DEC05A	54*	24FEB06	02NOV05	188	30	1,012.20	3,374.00
1416A-205	Coil Post VPI mods-Clamp Arrangement	03DEC05A	54*	24FEB06	09NOV05	188	70	4,723.60	6,748.00
1416A-209	Coil Post VPI mods-Check and Promote	27FEB06	5	03MAR06	16NOV05	188		0.00	3,374.00
1416A-213	Clamp Assy-Clamp Hardware	28NOV05A	40*	23DEC05A	24OCT05		100	674.80	674.80
1416A-217	Clamp Assy-Check and Promote	01DEC05A	1	23DEC05A	25OCT05		100	674.80	674.80
1416A-221	I&C-Strain Gages and T/C	01MAR06*	3	03MAR06	13DEC05	183		0.00	3,374.00



Run Date **20FEB06 14:13**

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX

Status through FEBRUARY 1st

ECP-39 Baseline

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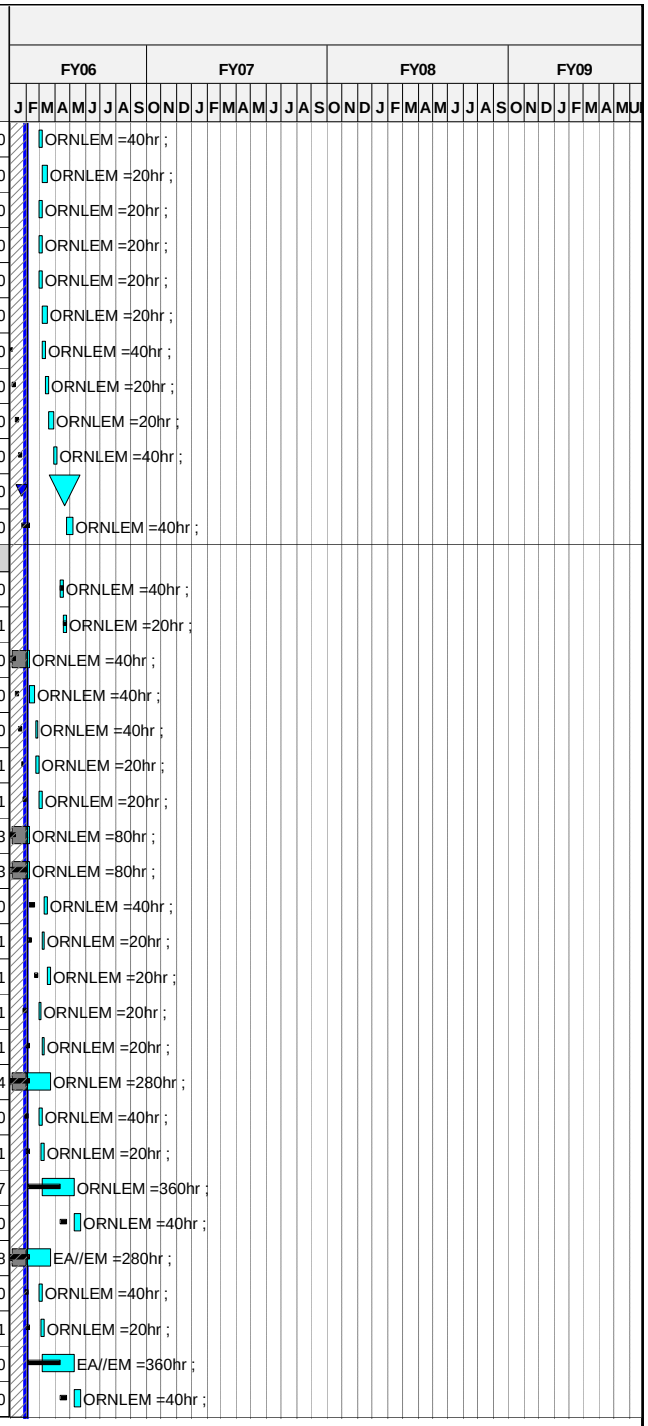
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
1416A-225	I&C-Rogowski Coils	01MAR06*	5	07MAR06	08DEC05	181		0.00	6,748.00
1416A-229	I&C-Check and Promote	08MAR06*	5	14MAR06	20DEC05	181		0.00	3,374.00
1416A-233	Coil-to-Coil -Current Feed Insul, Covers	01MAR06*	5	07MAR06	21NOV05	181		0.00	3,374.00
1416A-237	Coil-to-Coil -Windings Insul Blanket	01MAR06*	5	07MAR06	16NOV05	181		0.00	3,374.00
1416A-241	Coil-to-Coil -Bushing Installation	01MAR06*	5	07MAR06	28NOV05	181		0.00	3,374.00
1416A-245	Coil-to-Coil -Check and Promote	08MAR06	5	14MAR06	05DEC05	181		0.00	3,374.00
1416A-249	-Type-A Coil Asm Specification	07MAR06*	5	13MAR06	03JAN06	172		0.00	6,748.00
1416A-253	-Review and Approve Type-A Spec	14MAR06	5	20MAR06	10JAN06	172		0.00	3,374.00
1416A-257	-Update Coil Fab Procedures	21MAR06*	5	27MAR06	17JAN06	172		0.00	3,374.00
1416A-261	-Prepare and Conduct FDR	28MAR06*	5	03APR06	24JAN06	172		0.00	6,748.00
1416A-262	TYPE A FDR		0	21APR06*	24JAN06	158		0.00	0.00
1416A-265	-Resolve FDR Comments	24APR06	10	05MAY06	07FEB06	158		0.00	6,748.00
Winding and Assembly Design-Type B									
1416B-105	-Subasm Shrinkwrap	11APR06*	5	17APR06	17APR06	215		0.00	6,748.00
1416B-109	-Check and Promote	18APR06	5	24APR06	24APR06	215		0.00	3,372.31
1416B-113	MCWF mods-As-Built MCWF	01DEC05A	45*	09FEB06	09JAN06	262	30	2,024.40	6,748.00
1416B-117	MCWF mods-Studs, Lead Block Mount	10FEB06*	5	16FEB06	16JAN06	257		0.00	6,748.00
1416B-121	MCWF mods-Seal Groove Adapter	20FEB06*	5	24FEB06	24JAN06	251		0.00	6,748.00
1416B-125	MCWF mods-Metrology Data Files	23FEB06*	3	27FEB06	25JAN06	250		0.00	3,372.31
1416B-129	MCWF mods-Check and Promote	28FEB06	5	06MAR06	01FEB06	250		0.00	3,372.31
1416B-133	Lead Block Assy-Lead Blocks	28NOV05A	48*	09FEB06	09JAN06	218	30	4,047.79	13,492.63
1416B-137	Lead Block Assy-Top and Side Plates	28NOV05A	48*	09FEB06	01FEB06	218	30	4,047.79	13,492.63
1416B-141	Lead Block Assy-Detail Parts, Intralink	10MAR06*	5	16MAR06	16FEB06	193		0.00	6,748.00
1416B-145	Lead Block Assy-Filament Data Files	06MAR06*	5	10MAR06	10FEB06	197		0.00	3,372.31
1416B-149	Lead Block Assy-Check and Promote	17MAR06	5	23MAR06	23FEB06	193		0.00	3,372.31
1416B-153	Lead Terminals-Splice Plates	27FEB06*	5	03MAR06	01FEB06	202		0.00	3,372.31
1416B-157	Lead Terminals-Check and Promote	06MAR06*	5	10MAR06	08FEB06	202		0.00	3,372.31
1416B-161	Side A Coil Assy-Cladding Asm	03DEC05A	35	21MAR06	08FEB06	203	30	14,169.28	47,230.94
1416B-165	Side A Coil Assy-Cond Layers, Geom Files	28FEB06*	5	06MAR06	03FEB06	240		0.00	6,748.00
1416B-169	Side A Coil Assy-Magnetic Loops	03MAR06*	5	09MAR06	09FEB06	237		0.00	3,372.31
1416B-173	Side A Coil Assy-Chill Plates and Tubing	07MAR06*	45	08MAY06	10APR06	195		0.00	60,723.57
1416B-177	Side A Coil Assy-Check and Promote	09MAY06	10	22MAY06	24APR06	195		0.00	6,748.00
1416B-181	Side B Coil Assy-Cladding Asm	03DEC05A	35	21MAR06	08FEB06	203	30	14,619.47	48,731.58
1416B-185	Side B Coil Assy-Cond Layers, Geom Files	28FEB06*	5	06MAR06	03FEB06	240		0.00	6,748.00
1416B-189	Side B Coil Assy-Magnetic Loops	03MAR06*	5	09MAR06	09FEB06	237		0.00	3,372.31
1416B-193	Side B Coil Assy-Chill Plates and Tubing	07MAR06*	45	08MAY06	10APR06	195		0.00	62,652.90
1416B-197	Side B Coil Assy-Check and Promote	09MAY06	10	22MAY06	24APR06	195		0.00	6,748.00



Run Date 20FEB06 14:13

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
ECP-39 Baseline

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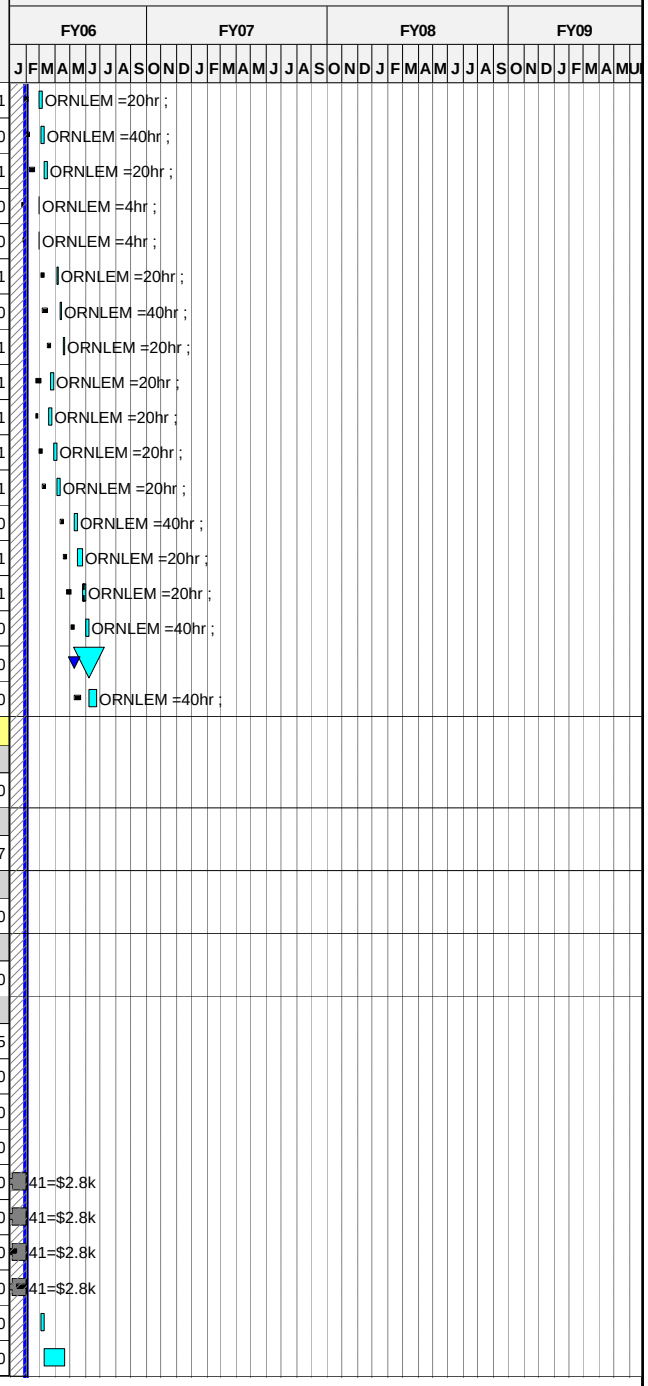
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
1416B-201	Coil Post VPI mods-Studs Removed	28FEB06*	5	06MAR06	06FEB06	245		0.00	3,372.31
1416B-205	Coil Post VPI mods-Clamp Arrangement	03MAR06*	5	09MAR06	09FEB06	242		0.00	6,748.00
1416B-209	Coil Post VPI mods-Check and Promote	10MAR06	5	16MAR06	16FEB06	242		0.00	3,372.31
1416B-213	Clamp Assy-Clamp Hardware	27FEB06*	1	27FEB06	25JAN06	254		0.00	674.80
1416B-217	Clamp Assy-Check and Promote	28FEB06	1	28FEB06	26JAN06	254		0.00	674.80
1416B-221	I&C-Strain Gages and T/C	03APR06*	5	07APR06	09MAR06	221		0.00	3,372.31
1416B-225	I&C-Rogowski Coils	10APR06*	5	14APR06	14MAR06	216		0.00	6,748.00
1416B-229	I&C-Check and Promote	17APR06	5	21APR06	21MAR06	216		0.00	3,372.31
1416B-233	Coil-to-Coil -Current Feed Insul, Covers	23MAR06*	5	29MAR06	01MAR06	228		0.00	3,372.31
1416B-237	Coil-to-Coil -Windings Insul Blanket	20MAR06*	5	24MAR06	24FEB06	231		0.00	3,372.31
1416B-241	Coil-to-Coil -Bushing Installation	28MAR06*	5	03APR06	06MAR06	225		0.00	3,372.31
1416B-245	Coil-to-Coil -Check and Promote	04APR06	5	10APR06	13MAR06	225		0.00	3,372.31
1416B-249	-Type-B Coil Asm Specification	11MAY06*	5	17MAY06	17APR06	188		0.00	6,748.00
1416B-253	-Review and Approve Type-B Spec	18MAY06	5	24MAY06	24APR06	188		0.00	3,372.31
1416B-257	-Update Coil Fab Procedures	25MAY06	5	01JUN06	01MAY06	188		0.00	3,372.31
1416B-261	-Prepare and Conduct FDR	02JUN06*	5	08JUN06	08MAY06	188		0.00	6,748.00
1416B-262	TYPE B FDR		0	08JUN06	08MAY06	188		0.00	0.00
1416B-265	-Resolve FDR Comments	09JUN06	10	22JUN06	22MAY06	188		0.00	6,748.00
Job:1408-Mod Coil Winding Supplies-CHRZANOWSKI									
Prior Costs									
1408-001	Apr-Sep YTD MIE Cost PPPL	01APR03A	64	30SEP03A	30SEP03A		100	29,790.00	29,790.00
+ Copper Conductor									
		02AUG04A	315	31OCT05A	31OCT05		100	273,914.27	273,914.27
+ Insulation for conductor									
		09JUL04A	245	30JUN05A	30JUN05A		100	26,901.00	26,901.00
+ Groundwrap Insulation									
		03JAN05A	41	28FEB05A	28FEB05A		100	25,620.00	25,620.00
Cladding									
1408-505	PPPL Fabr Cladding Type C for Coil c1	01MAY05A	15	31MAY05A	31MAY05A		100	3,586.65	3,586.65
1408-507	PPPL Fabr Cladding Type C for Coil c2	02OCT05A	58*	23DEC05A	21NOV05		100	3,838.80	3,838.80
1408-501	Submet Requisition for Type C Cladding	31OCT05A	1	31OCT05A	03OCT05		100	0.00	0.00
1408-503	Bid and Award Type C Cladding (PE006336)	01NOV05A	20	30NOV05A	31OCT05		100	0.00	0.00
1408-509	Fabr Cladding Type C for Coil c3	03DEC05A	36	31JAN06A	21NOV05		100	3,838.80	3,838.80
1408-511	Fabr Cladding Type C for Coil c4	03DEC05A	36	31JAN06A	14DEC05		100	3,838.80	3,838.80
1408-513	Fabr Cladding Type C for Coil c5	03DEC05A	36	31JAN06A	12JAN06		100	3,838.80	3,838.80
1408-515	Fabr Cladding Type C for Coil c6	03DEC05A	36	31JAN06A	02FEB06		100	3,838.80	3,838.80
1408-517	Submet Requisition for Type A Cladding	02MAR06	5	08MAR06	04NOV05	154		0.00	0.00
1408-519	Bid and Award Type A Cladding	09MAR06	30	19APR06	20DEC05	154		0.00	0.00



Run Date **20FEB06 14:13**

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX

Status through FEBRUARY 1st

ECP-39 Baseline

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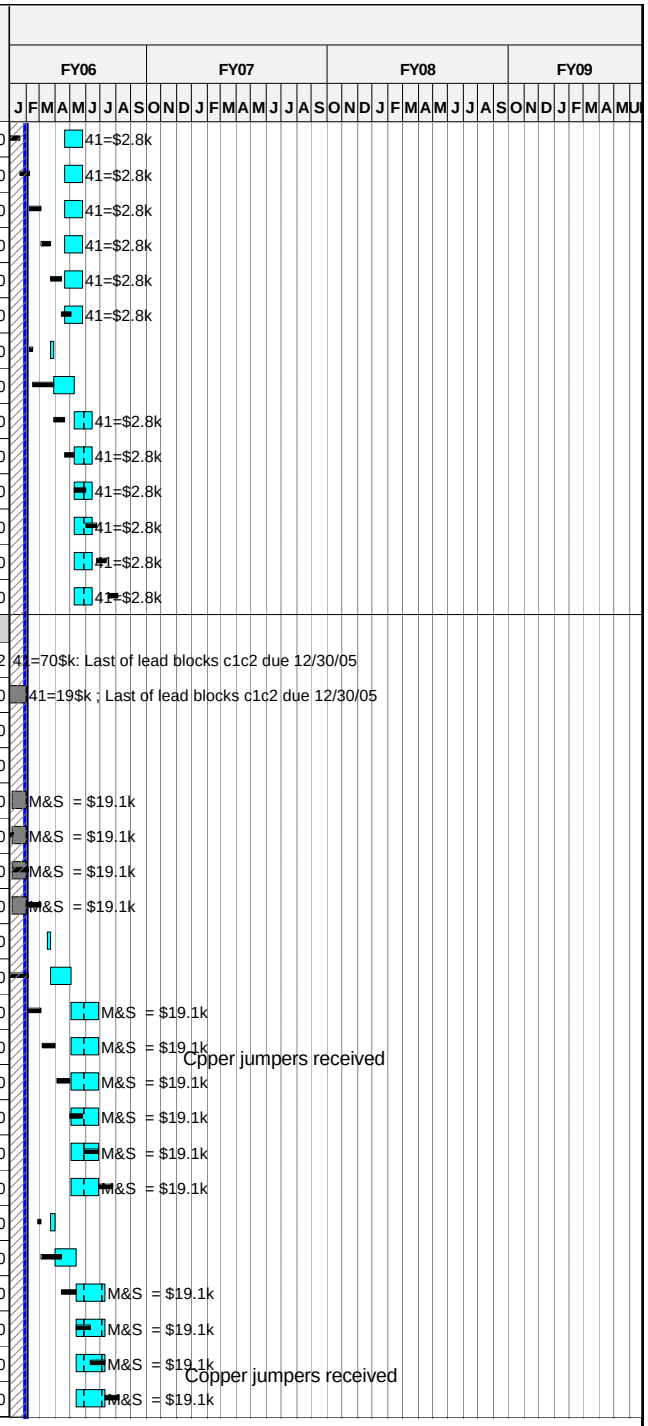
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
1408-521	Fabr Cladding Type A for Coil a1	20APR06	25	24MAY06	18JAN06	154		0.00	3,838.80
1408-523	Fabr Cladding Type A for Coil a2	20APR06	25	24MAY06	08FEB06	170		0.00	3,838.80
1408-525	Fabr Cladding Type A for Coil a3	20APR06	25	24MAY06	01MAR06	201		0.00	3,838.80
1408-527	Fabr Cladding Type A for Coil a4	20APR06	25	24MAY06	22MAR06	248		0.00	3,838.80
1408-529	Fabr Cladding Type A for Coil a5	20APR06	25	24MAY06	12APR06	391		0.00	3,838.80
1408-531	Fabr Cladding Type A for Coil a6	20APR06	25	24MAY06	03MAY06	406		0.00	3,838.80
1408-533	Submet Requisition for Type B Cladding	22MAR06	5	28MAR06	15FEB06	203		0.00	0.00
1408-535	Bid and Award Type B Cladding	29MAR06	30	09MAY06	29MAR06	203		0.00	0.00
1408-537	Fabr Cladding Type B for Coil b1	10MAY06	25	14JUN06	19APR06	203		0.00	3,838.80
1408-539	Fabr Cladding Type B for Coil b2	10MAY06	25	14JUN06	10MAY06	250		0.00	3,838.80
1408-541	Fabr Cladding Type B for Coil b3	10MAY06	25	14JUN06	01JUN06	282		0.00	3,838.80
1408-543	Fabr Cladding Type B for Coil b4	10MAY06	25	14JUN06	22JUN06	298		0.00	3,838.80
1408-545	Fabr Cladding Type B for Coil b5	10MAY06	25	14JUN06	14JUL06	330		0.00	3,838.80
1408-547	Fabr Cladding Type B for Coil b6	10MAY06	25	14JUN06	04AUG06	346		0.00	3,838.80
Lead hardware & Fillers									
1408-705	Fabr Lead HW Type C for Coil c1	01JUL05A	131*	30DEC05A	10NOV05		100	93,326.22	93,326.22
1408-707	Fabr Lead HW Type C for Coil c2	01JUL05A	131*	31JAN06A	15NOV05		100	24,911.70	24,911.70
1408-701	Submet Requisition for Type C3-C6 Lead HW	01AUG05A	5	05AUG05A	05AUG05A		100	0.00	0.00
1408-703	Bid and Award Type C3-C6 Lead HW	08AUG05A	30	02DEC05A	31AUG05A		100	0.00	0.00
1408-709	Fabr Lead HW Type C for Coil c3	03JAN06A	20	31JAN06A	01DEC05		100	26,186.10	26,186.10
1408-711	Fabr Lead HW Type C for Coil c4	03JAN06A	20	31JAN06A	06JAN06		100	26,186.10	26,186.10
1408-713	Fabr Lead HW Type C for Coil c5	03JAN06A	20	31JAN06A	03FEB06		100	26,186.10	26,186.10
1408-715	Fabr Lead HW Type C for Coil c6	03JAN06A	20	31JAN06A	03MAR06		100	26,186.10	26,186.10
1408-717	Submet Requisition for Type A Lead HW	15MAR06	5	21MAR06	15DEC05	141		0.00	0.00
1408-719	Bid and Award Type A Lead HW	22MAR06	30	02MAY06	03FEB06	141		0.00	0.00
1408-721	Fabr Lead HW Type A for Coil a1	03MAY06	40	28JUN06	03MAR06	141		6,546.53	26,186.10
1408-723	Fabr Lead HW Type A for Coil a2	03MAY06	40	28JUN06	31MAR06	153		6,546.53	26,186.10
1408-725	Fabr Lead HW Type A for Coil a3	03MAY06	40	28JUN06	28APR06	188		6,546.53	26,186.10
1408-727	Fabr Lead HW Type A for Coil a4	03MAY06	40	28JUN06	26MAY06	235		6,546.53	26,186.10
1408-729	Fabr Lead HW Type A for Coil a5	03MAY06	40	28JUN06	26JUN06	247		6,546.53	26,186.10
1408-731	Fabr Lead HW Type A for Coil a6	03MAY06	40	28JUN06	25JUL06	389		6,546.53	26,186.10
1408-733	Submet Requisition for Type B Lead HW	24MAR06	5	30MAR06	02MAR06	193		0.00	0.00
1408-735	Bid and Award Type B Lead HW	31MAR06	30	11MAY06	13APR06	193		0.00	0.00
1408-737	Fabr Lead HW Type B for Coil b1	12MAY06	40	10JUL06	11MAY06	193		6,546.53	26,186.10
1408-739	Fabr Lead HW Type B for Coil b2	12MAY06	40	10JUL06	09JUN06	370		6,546.53	26,186.10
1408-741	Fabr Lead HW Type B for Coil b3	12MAY06	40	10JUL06	10JUL06	276		6,546.53	26,186.10
1408-743	Fabr Lead HW Type B for Coil b4	12MAY06	40	10JUL06	07AUG06	288		6,546.53	26,186.10



Run Date 20FEB06 14:13

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
ECP-39 Baseline

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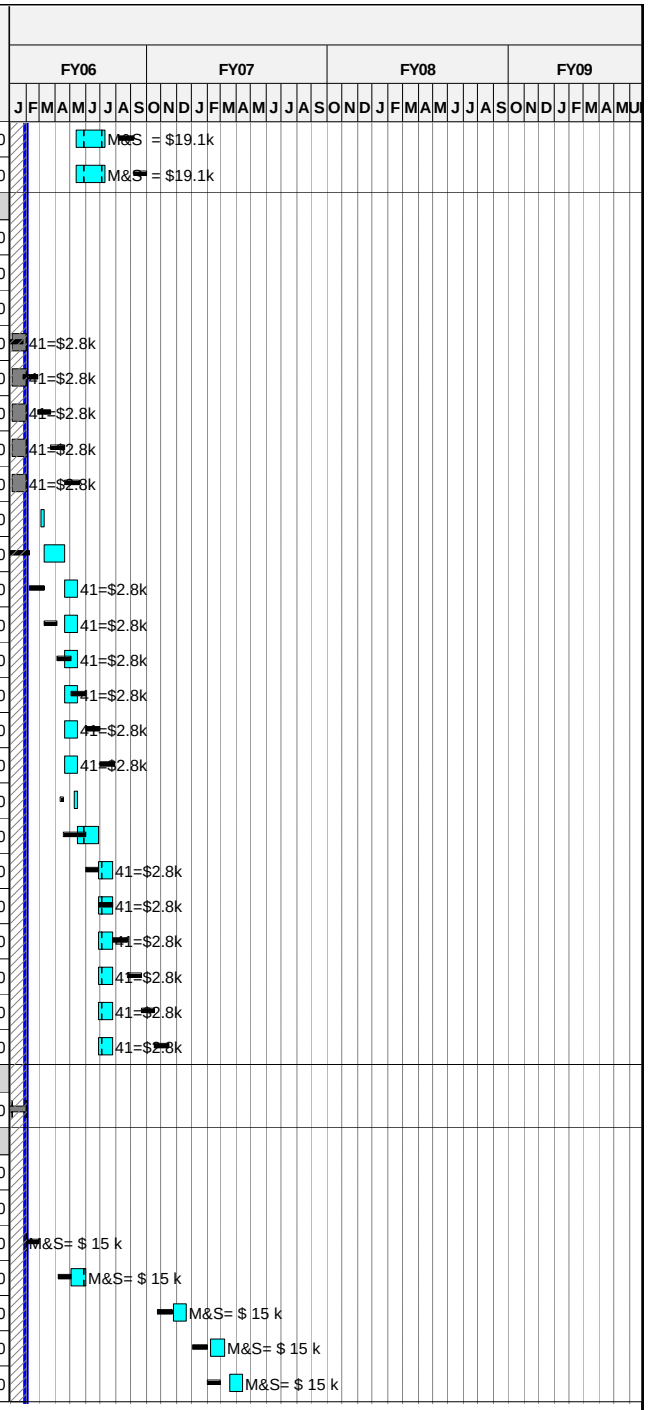
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
1408-745	Fabr Lead HW Type B for Coil b5	12MAY06	40	10JUL06	04SEP06	324		6,546.53	26,186.10
1408-747	Fabr Lead HW Type B for Coil b6	12MAY06	40	10JUL06	02OCT06	336		6,546.53	26,186.10
Chill Plates									
1408-605	PPPL Fabr Chill Plts Type C for Coil c1	28NOV05A	20*	22DEC05A	21DEC05		100	3,838.80	3,838.80
1408-601	Submet Requisition for Type C Chill Plts	28NOV05A	5	30NOV05A	10OCT05		100	0.00	0.00
1408-603	Bid and Award Type C Chill Plts	01DEC05A	30	05DEC05A	21NOV05		100	0.00	0.00
1408-607	Fabr Chill Plts Type C for Coil c2	03JAN06A	20	31JAN06A	26JAN06		100	3,838.80	3,838.80
1408-609	Fabr Chill Plts Type C for Coil c3	03JAN06A	20	31JAN06A	23FEB06		100	3,838.80	3,838.80
1408-611	Fabr Chill Plts Type C for Coil c4	03JAN06A	20	31JAN06A	23MAR06		100	3,838.80	3,838.80
1408-613	Fabr Chill Plts Type C for Coil c5	03JAN06A	20	31JAN06A	20APR06		100	3,838.80	3,838.80
1408-615	Fabr Chill Plts Type C for Coil c6	03JAN06A	20	31JAN06A	18MAY06		100	3,838.80	3,838.80
1408-617	Submet Requisition for Type A Chill Plts	02MAR06	5	08MAR06	20DEC05	205		0.00	0.00
1408-619	Bid and Award Type A Chill Plts	09MAR06	30	19APR06	08FEB06	205		0.00	0.00
1408-621	Fabr Chill Plts Type A for Coil a1	20APR06	20	17MAY06	08MAR06	205		0.00	3,838.80
1408-623	Fabr Chill Plts Type A for Coil a2	20APR06	20	17MAY06	05APR06	217		0.00	3,838.80
1408-625	Fabr Chill Plts Type A for Coil a3	20APR06	20	17MAY06	03MAY06	252		0.00	3,838.80
1408-627	Fabr Chill Plts Type A for Coil a4	20APR06	20	17MAY06	01JUN06	300		0.00	3,838.80
1408-629	Fabr Chill Plts Type A for Coil a5	20APR06	20	17MAY06	29JUN06	312		0.00	3,838.80
1408-631	Fabr Chill Plts Type A for Coil a6	20APR06	20	17MAY06	28JUL06	453		0.00	3,838.80
1408-633	Submet Requisition for Type B Chill Plts	09MAY06	5	15MAY06	17APR06	216		0.00	0.00
1408-635	Bid and Award Type B Chill Plts	16MAY06	30	27JUN06	30MAY06	216		0.00	0.00
1408-637	Fabr Chill Plts Type B for Coil b1	28JUN06	20	26JUL06	27JUN06	216		0.00	3,838.80
1408-639	Fabr Chill Plts Type B for Coil b2	28JUN06	20	26JUL06	26JUL06	393		0.00	3,838.80
1408-641	Fabr Chill Plts Type B for Coil b3	28JUN06	20	26JUL06	23AUG06	300		0.00	3,838.80
1408-643	Fabr Chill Plts Type B for Coil b4	28JUN06	20	26JUL06	20SEP06	312		0.00	3,838.80
1408-645	Fabr Chill Plts Type B for Coil b5	28JUN06	20	26JUL06	18OCT06	347		0.00	3,838.80
1408-647	Fabr Chill Plts Type B for Coil b6	28JUN06	20	26JUL06	15NOV06	358		0.00	3,838.80
+ Tubing									
		28NOV05A	41	31JAN06A	29NOV05		100	2,742.00	2,742.00
Epoxy									
1408-111	Epoxy - Requisition	01JAN05A	5	31JAN05A	31JAN05A		100	0.00	0.00
1408-114	Epoxy -Evaluate Bids & Award	01MAY05A	10	31MAY05A	31MAY05A		100	0.00	0.00
1408-117	Epoxy -1st Delivery for Production	31JAN06A	20	31JAN06A	28FEB06		100	20,565.00	20,565.00
1408-119	Epoxy -2nd Delivery for Production	05MAY06	20	02JUN06	04MAY06	251		0.00	20,565.00
1408-121	Epoxy -3rd Delivery for Production	27NOV06	20	22DEC06	22NOV06	183		0.00	20,565.00
1408-123	Epoxy -4th Delivery for Production	08FEB07	20	07MAR07	31JAN07	160		0.00	20,565.00
1408-125	Epoxy -5th Delivery for Production	19MAR07	20	13APR07	28FEB07	170		0.00	20,565.00



Run Date 20FEB06 14:13

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
ECP-39 Baseline

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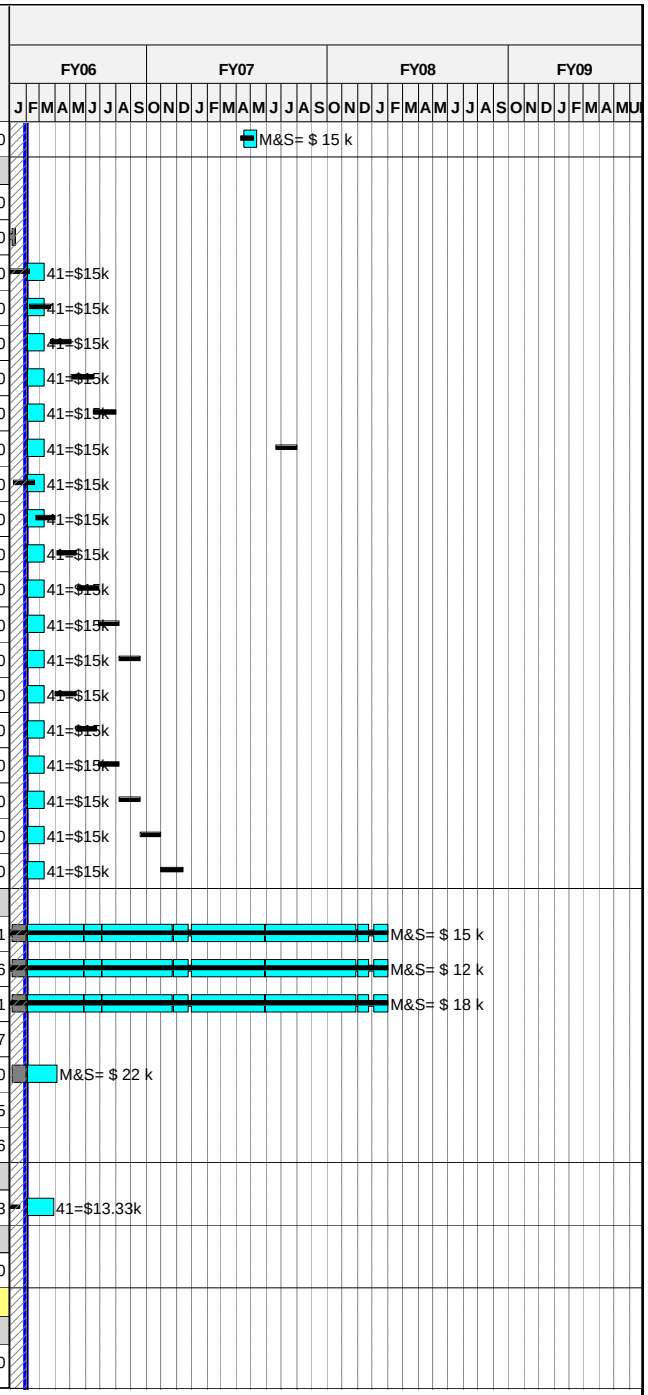
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
1408-127	Epoxy -6th Delivery for Production	16APR07	20	11MAY07	04MAY07	170		0.00	20,565.00
Clamps									
1408-901	Submet Requisition for Type C Clamps	01DEC05A	5	07DEC05A	24OCT05			0.00	0.00
1408-903	Bid and Award Type C Clamps (PE6417)	08DEC05A	33*	11JAN06A	21DEC05			0.00	0.00
1408-905	Fabr Clamps Type C for Coil c1	01FEB06	28	10MAR06	09FEB06	411		0.00	20,565.00
1408-907	Fabr Clamps Type C for Coil c2	01FEB06	28	10MAR06	23MAR06	440		0.00	20,565.00
1408-909	Fabr Clamps Type C for Coil c3	01FEB06	28	10MAR06	04MAY06	347		0.00	20,565.00
1408-911	Fabr Clamps Type C for Coil c4	01FEB06	28	10MAR06	16JUN06	356		0.00	20,565.00
1408-913	Fabr Clamps Type C for Coil c5	01FEB06	28	10MAR06	31JUL06	365		0.00	20,565.00
1408-915	Fabr Clamps Type C for Coil c6	01FEB06	28	10MAR06	30JUL07	561		0.00	20,565.00
1408-921	Fabr Clamps Type A for Coil a1	01FEB06	28	10MAR06	17FEB06	375		0.00	20,565.00
1408-923	Fabr Clamps Type A for Coil a2	01FEB06	28	10MAR06	31MAR06	384		0.00	20,565.00
1408-925	Fabr Clamps Type A for Coil a3	01FEB06	28	10MAR06	12MAY06	393		0.00	20,565.00
1408-927	Fabr Clamps Type A for Coil a4	01FEB06	28	10MAR06	26JUN06	411		0.00	20,565.00
1408-929	Fabr Clamps Type A for Coil a5	01FEB06	28	10MAR06	08AUG06	516		0.00	20,565.00
1408-931	Fabr Clamps Type A for Coil a6	01FEB06	28	10MAR06	19SEP06	525		0.00	20,565.00
1408-937	Fabr Clamps Type B for Coil b1	01FEB06	28	10MAR06	11MAY06	402		0.00	20,565.00
1408-939	Fabr Clamps Type B for Coil b2	01FEB06	28	10MAR06	23JUN06	420		0.00	20,565.00
1408-941	Fabr Clamps Type B for Coil b3	01FEB06	28	10MAR06	07AUG06	480		0.00	20,565.00
1408-943	Fabr Clamps Type B for Coil b4	01FEB06	28	10MAR06	18SEP06	489		0.00	20,565.00
1408-945	Fabr Clamps Type B for Coil b5	01FEB06	28	10MAR06	30OCT06	498		0.00	20,565.00
1408-947	Fabr Clamps Type B for Coil b6	01FEB06	28	10MAR06	13DEC06	507		0.00	20,565.00
Other									
1408-137	Safety & PPE equipt & supplies	01MAY05A	689*	31JAN08	31JAN08	434	40	8,165.04	20,412.61
1408-138	Misc. Supplies	01JUL05A	646*	31JAN08	31JAN08	434	70	11,475.70	16,393.86
1408-173	Epoxy for Shell Mold (Hysol)	03JAN06A	523*	31JAN08	31JAN08	434	5	994.65	24,771.61
1408-183	Tubing (Chem flor and Poly)	01SEP05A	67*	31OCT05A	06DEC05		100	46,373.37	46,373.37
1408-184	Vulcanizing tape, felt and RTV	03JAN06A	45	04APR06	06DEC05	891	80	9,597.00	30,162.00
1408-185	Valves and Fittings	01AUG05A	66*	31OCT05A	31OCT05		100	19,644.55	19,644.55
1408-186	Manifolds	01SEP05A	209	30SEP05A	30SEP05A		100	75,850.56	75,850.56
I&C									
174-035	Modular Coil local I&C -Procurement	01FEB06	40	28MAR06	18JAN06	399		0.00	18,275.43
FY05CV-21	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	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	30SEP05A		LOE	76,273.90	76,273.90



Run Date 20FEB06 14:13

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
ECP-39 Baseline

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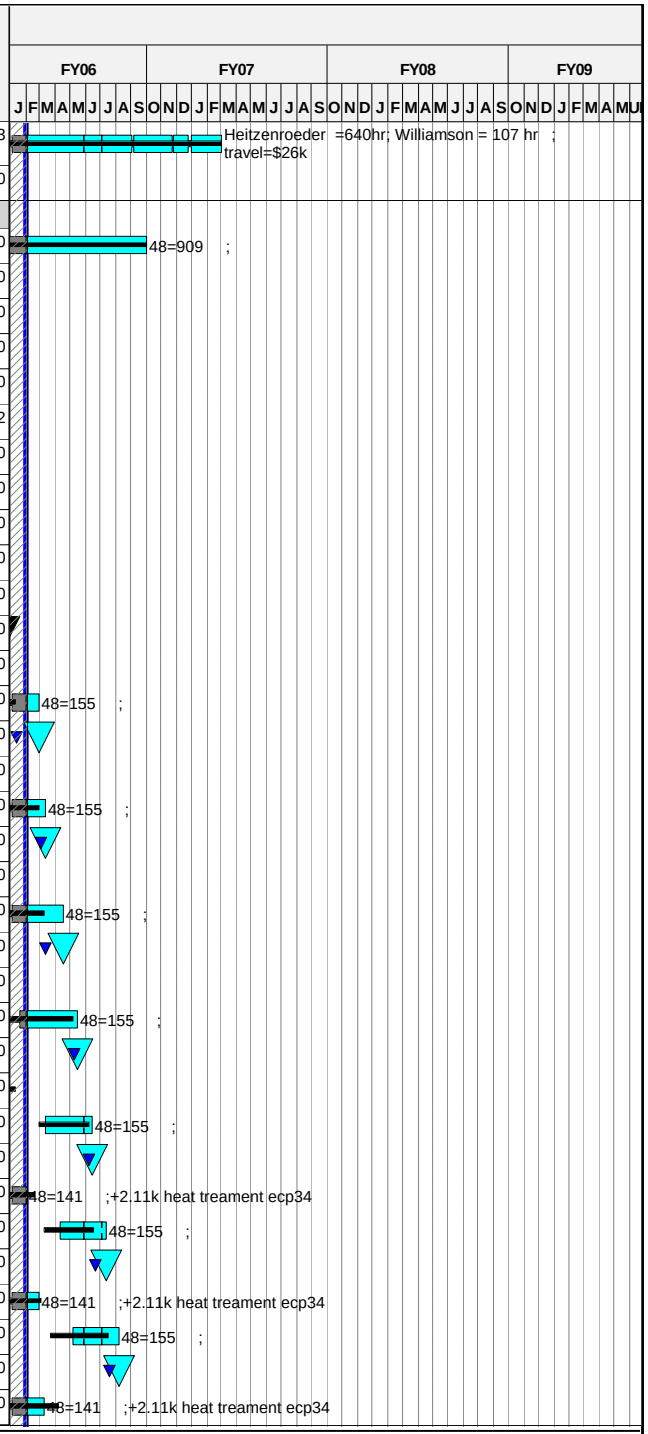
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
172-031.1	Title III engr	01OCT05A	350*	01MAR07	01MAR07	660	LOE	37,775.32	167,147.43
FY05CV-23	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			275,000.00	275,000.00
MCWF-001	EIO Project Mgt. & Reporting	29OCT04A	497*	02OCT06	02OCT06	773	LOE	590,739.50	908,830.00
MCWF-011	Pattern A complete	29OCT04A	126*	01APR05A	01APR05A		100	290,125.00	290,125.00
MCWF-021	Pattern B complete	01DEC04A	220*	30SEP05A	30SEP05A		100	255,120.00	255,120.00
MCWF-031	Major Tool Tooling Complete	29OCT04A	82*	28FEB05A	28FEB05A		100	628,622.00	628,622.00
MCWF-041	Materials (MetalTek)	29NOV04A	282*	31AUG05A	31AUG05A		100	744,750.00	744,750.00
MCWF-051	C1-MTK-casting upgrade	20DEC04A	63*	31MAR05A	31MAR05A		100	146,248.12	146,248.12
MCWF-061	C1-MTM - machining/inspection	01APR05A	136*	30SEP05A	30SEP05A		100	154,910.00	154,910.00
C-121.1	First MCWF C-1 Delivered		0	30SEP05A	30SEP05A			0.00	0.00
MCWF-071	C1-Receive at PPPL		0	03OCT05A	04OCT05*			0.00	0.00
MCWF-081	C2-MTK-casting	01APR05A	66*	27JUN05A	27JUN05A		100	142,920.00	142,920.00
MCWF-091	C2-MTM - machining/inspection	28JUN05A	125*	16DEC05A	28NOV05		100	154,910.00	154,910.00
MCWF-101	C2-Receive at PPPL		0	16DEC05A	29NOV05		100	0.00	0.00
MCWF-141	C3-MTK-casting	12MAY05A	102*	19SEP05A	19SEP05A		100	142,920.00	142,920.00
MCWF-151	C3-MTM - machining/inspection	20SEP05A	108*	28FEB06	11JAN06	123	90	139,419.00	154,910.00
MCWF-161	C3-Receive at PPPL		0	28FEB06	13JAN06	123		0.00	0.00
MCWF-201	C4-MTK-casting	16MAY05A	122*	31OCT05A	04NOV05		100	142,920.00	142,920.00
MCWF-211	C4-MTM - machining/inspection	31OCT05A	88*	13MAR06	27FEB06	140	70	108,437.00	154,910.00
MCWF-221	C4-Receive at PPPL		0	13MAR06	01MAR06	140		0.00	0.00
MCWF-261	C5-MTK-casting	30MAY05A	128*	30NOV05A	21NOV05		100	142,920.00	142,920.00
MCWF-271	C5-MTM - machining/inspection	01DEC05A	93*	18APR06	09MAR06	139	25	38,727.50	154,910.00
MCWF-281	C5-Receive at PPPL		0	18APR06	13MAR06	139		0.00	0.00
MCWF-111	A1-MTK-casting	22APR05A	116*	08SEP05A	08SEP05A		100	143,110.00	143,110.00
MCWF-121	A1-MTM - machining/inspection	09SEP05A	100*	16MAY06	05MAY06	150	15	23,236.50	154,910.00
MCWF-131	A1-Receive at PPPL		0	16MAY06	10MAY06	150		0.00	0.00
MCWF-171	A2-MTK-casting	17AUG05A	91*	23DEC05A	11JAN06		100	142,920.00	142,920.00
MCWF-181	A2-MTM - machining/inspection	14MAR06*	65*	13JUN06	06JUN06	147		0.00	154,910.00
MCWF-191	A2-Receive at PPPL		0	13JUN06	08JUN06	147		0.00	0.00
MCWF-351	A3-MTK-casting	26SEP05A	84*	31JAN06A	16FEB06		100	143,110.00	143,110.00
MCWF-361	A3-MTM - machining/inspection	11APR06*	64*	11JUL06	16JUN06	159		0.00	154,910.00
MCWF-371	A3-Receive at PPPL		0	11JUL06	21JUN06	159		0.00	0.00
MCWF-231	B1-MTK-casting	16SEP05A	110*	28FEB06	01MAR06	203	85	121,482.00	142,920.00
MCWF-241	B1-MTM - machining/inspection	08MAY06*	65*	08AUG06	17JUL06	155		0.00	154,910.00
MCWF-251	B1-Receive at PPPL		0	08AUG06	19JUL06	155		0.00	0.00
MCWF-381	A4-MTK-casting	15DEC05A	54*	08MAR06	06APR06	225	70	100,044.00	142,920.00



Run Date **20FEB06 14:13**

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX

Status through FEBRUARY 1st

ECP-39 Baseline

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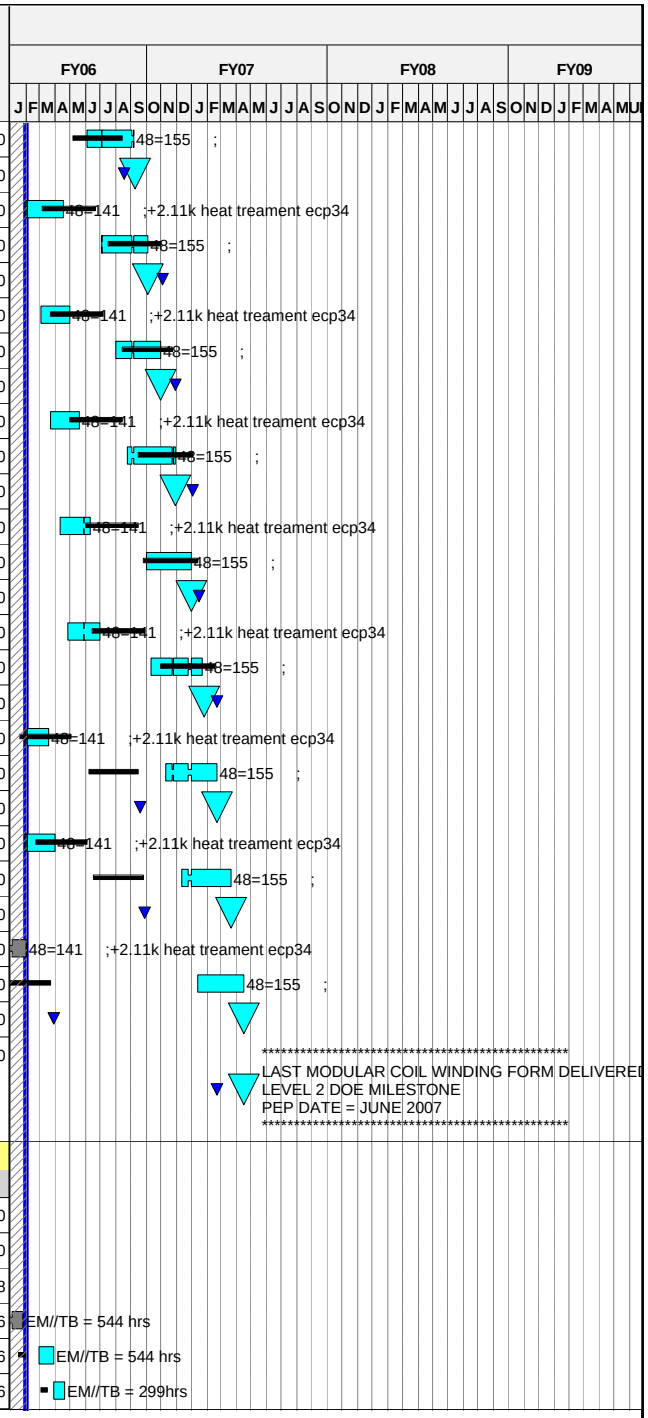
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
MCWF-391	A4-MTM - machining/inspection	05JUN06*	65*	05SEP06	15AUG06	164		0.00	154,910.00
MCWF-401	A4-Receive at PPPL		0	08SEP06	18AUG06	164		0.00	0.00
MCWF-321	B2-MTK-casting	31JAN06A	55*	17APR06	21JUN06	216	10	14,292.00	142,920.00
MCWF-331	B2-MTM - machining/inspection	03JUL06*	65	03OCT06	31OCT06	163		0.00	154,910.00
MCWF-341	B2-Receive at PPPL		0	03OCT06	02NOV06	163		0.00	0.00
MCWF-471	B3-MTK-casting	03MAR06*	41*	28APR06	07JUL06	238		0.00	142,920.00
MCWF-481	B3-MTM - machining/inspection	01AUG06*	65	31OCT06	22NOV06	174		0.00	154,910.00
MCWF-491	B3-Receive at PPPL		0	31OCT06	28NOV06	174		0.00	0.00
MCWF-501	B4-MTK-casting	24MAR06*	41*	19MAY06	15AUG06	239		0.00	142,920.00
MCWF-511	B4-MTM - machining/inspection	25AUG06*	65	28NOV06	02JAN07	172		0.00	154,910.00
MCWF-521	B4-Receive at PPPL		0	28NOV06	04JAN07	172		0.00	0.00
MCWF-531	B5-MTK-casting	12APR06*	42*	09JUN06	15SEP06	256		0.00	142,920.00
MCWF-541	B5-MTM - machining/inspection	02OCT06*	65	29DEC06	12JAN07	185		0.00	154,910.00
MCWF-551	B5-Receive at PPPL		0	29DEC06	17JAN07	185		0.00	0.00
MCWF-561	B6-MTK-casting	28APR06*	44*	29JUN06	29SEP06	255		0.00	142,920.00
MCWF-571	B6-MTM - machining/inspection	13OCT06*	65	23JAN07	16FEB07	182		0.00	154,910.00
MCWF-581	B6-Receive at PPPL		0	26JAN07	21FEB07	182		0.00	0.00
MCWF-411	A5-MTK-casting	30JAN06A	35*	17MAR06	04MAY06	362	55	78,606.00	142,920.00
MCWF-421	A5-MTM - machining/inspection	10NOV06*	65	20FEB07	14SEP06	196		0.00	154,910.00
MCWF-431	A5-Receive at PPPL		0	20FEB07	19SEP06	196		0.00	0.00
MCWF-441	A6-MTK-casting	31JAN06A	44*	31MAR06	05JUN06	368	50	71,460.00	142,920.00
MCWF-451	A6-MTM - machining/inspection	12DEC06*	65	20MAR07	26SEP06	192		0.00	155,000.00
MCWF-461	A6-Receive at PPPL		0	20MAR07	28SEP06	192		0.00	0.00
MCWF-291	C6-MTK-casting	16JUN05A	155*	31JAN06A	07DEC05		100	142,920.00	142,920.00
MCWF-301	C6-MTM - machining/inspection	15JAN07*	67*	17APR07	23MAR06	125		0.00	154,910.00
MCWF-311	C6-Receive at PPPL		0	17APR07	27MAR06	125		0.00	0.00
C-501B1	Last MCWF Delivered		0	17APR07	21FEB07	125		0.00	0.00
Job: 1451 - Mod Coil Winding-CHRZANOWSKI									
Station 1 Prep casring & Install Cladding									
C1RW	C! rework	03OCT05A	5	07OCT05A	07OCT05		100	46,663.50	46,663.50
1451TRAIN	Training for winding teams	25JUL05A	3	29JUL05A	29JUL05A		100	0.00	0.00
P1-001	Rec C1,Prep& Instl Cladding>>@125% 1 shift	10OCT05A	23	24OCT05A	09NOV05		100	54,727.68	54,727.68
P1-091	Receive C2, Prep& Instl Cladding	19DEC05A	26*	26JAN06A	14DEC05		100	44,303.36	44,303.36
P2-091	Receive C3, Prep& Instl Cladding	01MAR06	20	28MAR06	30JAN06	123		0.00	44,303.36
P3-091	Receive C4, Prep& Instl Cladding	29MAR06	16	19APR06	16MAR06	138		0.00	24,350.56



Run Date 20FEB06 14:13

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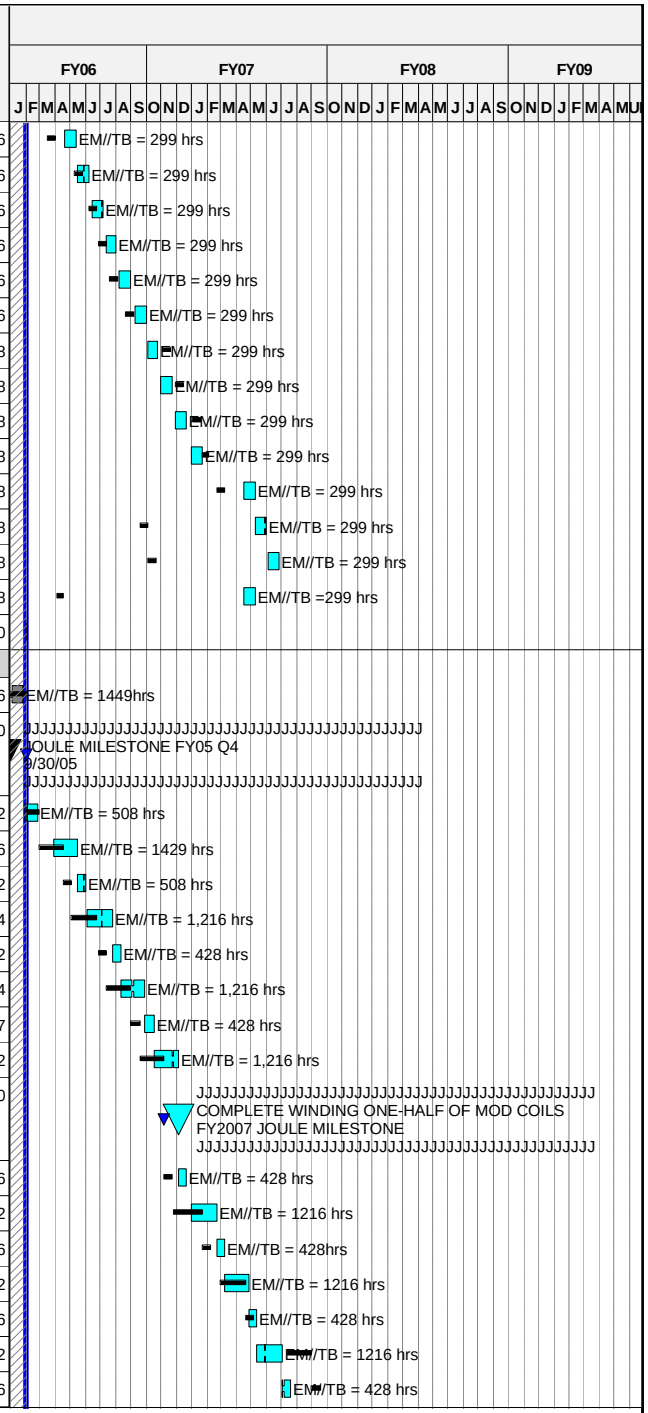
ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
ECP-39 Baseline

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
P1-121	Receive C5, Prep& Instl Cladding	20APR06	16	11MAY06	31MAR06	138		0.00	24,350.56
P2-001	Receive A1, Prep& Instl Cladding	17MAY06	16	08JUN06	25MAY06	150		0.00	24,350.56
P3-001	Receive A2, Prep& Instl Cladding	14JUN06	16	06JUL06	23JUN06	147		0.00	24,350.56
P3-031	Receive A3, Prep& Instl Cladding	12JUL06	16	02AUG06	11JUL06	159		0.00	24,350.56
P1-031	Receive B1, Prep& Instl Cladding	09AUG06	16	30AUG06	03AUG06	155		0.00	24,350.56
P3-121	Receive A4, Prep& Instl Cladding	11SEP06	16	02OCT06	05SEP06	164		0.00	24,350.56
P2-121	Receive B2, Prep& Instl Cladding	04OCT06	16	25OCT06	17NOV06	163		0.00	24,882.78
P2-061	Receive B3, Prep& Instl Cladding	01NOV06	16	22NOV06	13DEC06	174		0.00	24,882.78
P2-151	Receive B4, Prep& Instl Cladding	29NOV06	16	20DEC06	19JAN07	172		0.00	24,882.78
P3-061	Receive B5, Prep& Instl Cladding	02JAN07	16	23JAN07	05FEB07	185		0.00	24,882.78
P3-151	Receive B6, Prep& Instl Cladding	18APR07	16	09MAY07	08MAR07	125		0.00	24,882.78
P1-061	Receive A5, Prep& Instl Cladding	10MAY07	16	01JUN07	04OCT06	140		0.00	24,882.78
P1-151	Receive A6, Prep& Instl Cladding	04JUN07	16	25JUN07	19OCT06	140		0.00	24,882.78
P2-031	Receive C6, Prep& Instl Cladding	18APR07	16	09MAY07	17APR06	207		0.00	24,882.78
P1-000	ECP36 holes for cooling lines included in	01FEB06*	1	01FEB06	03NOV05	930		0.00	0.00
Station 2-Winding, Instl Chill Plates,Tubing,Bag									
P1-011	Wind coil C1>>@150%	25OCT05A	63*	27JAN06A	02FEB06		100	118,006.56	118,006.56
P1-011J	Complete Winding First Modular Coil		0	19DEC05A	02FEB06		100	0.00	0.00
P1-020	Instl Chill Plates,Tubing, Bag C1>>@150%	31JAN06A	19*	24FEB06	28FEB06	145	40	16,548.61	41,371.52
P2-101	Wind coil C-3	29MAR06	35	16MAY06	18APR06	123		0.00	116,377.76
P2-110	Instl Chill Plates,Tubing,Bag C3	17MAY06	12	02JUN06	04MAY06	123		0.00	41,371.52
P1-131	Wind coil C5	05JUN06	35	24JUL06	23JUN06	123		0.00	99,031.04
P1-140	Instl Chl Plates,Tubing, Bag C5	25JUL06	12	09AUG06	12JUL06	123		0.00	34,856.32
P3-011	Wind coil A2	10AUG06	35	28SEP06	30AUG06	123		0.00	99,031.04
P3-020	Instl Chill Plates,Tubing, Bag A2	29SEP06	12	16OCT06	18SEP06	123		0.00	35,554.67
P1-041	Wind coil B1	17OCT06	35	06DEC06	06NOV06	123		0.00	101,195.52
P2-041JOUL	JOULE FY07 Cmplt winding one-half modular coils		0	06DEC06	06NOV06	123		0.00	0.00
P1-050	Instl Chl Plates,Tubing, Bag B1	07DEC06	12	22DEC06	22NOV06	123		0.00	35,618.16
P1-071	Wind coil B2	02JAN07	35	19FEB07	22JAN07	123		0.00	101,195.52
P1-080	Instl Chl Plates,Tubing,Bag B2	20FEB07	12	07MAR07	07FEB07	123		0.00	35,618.16
P2-161	Wind coil B4	08MAR07	35	25APR07	18APR07	123		0.00	101,195.52
P2-170	Instl Chill Plates,Tubing,Bag B4	26APR07	12	11MAY07	04MAY07	123		0.00	35,618.16
P3-161	Wind coil B6	14MAY07	35	02JUL07	30AUG07	123		0.00	101,195.52
P3-170	Instl Chill Plates,Tubing,Bag B6	03JUL07	12	19JUL07	18SEP07	123		0.00	35,618.16



Run Date 20FEB06 14:13

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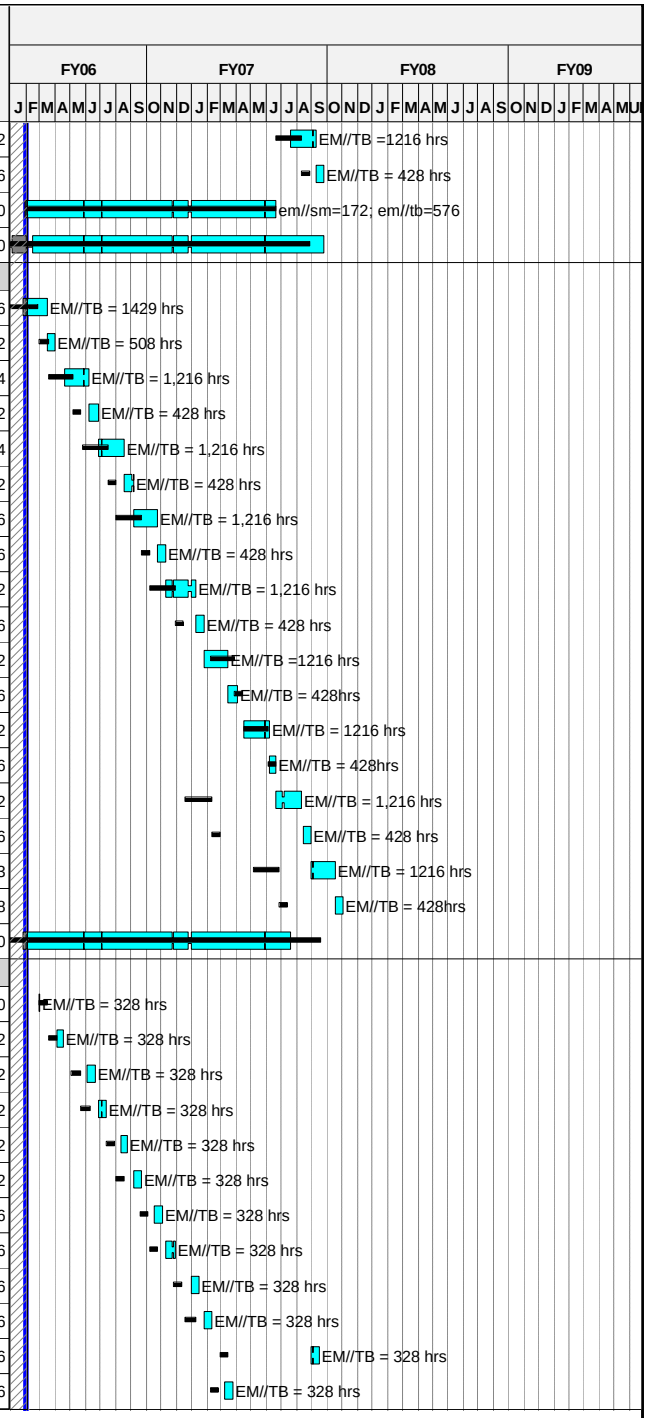
ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
ECP-39 Baseline

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
P1-161	Wind coil A6	20JUL07	35	07SEP07	09AUG07	123		0.00	101,195.52
P1-170	Instl Chill Plates,Tubing,Bag A6	10SEP07	12	25SEP07	27AUG07	123		0.00	35,618.16
174-037	Modular Coil local I&C -Install (from wbs 143)	31JAN06A	352*	21JUN07	20JUN07	131		209.19	69,730.40
SSD-ST2	Second shift cost differential	25OCT05A	482*	25SEP07	27AUG07	122	LOE	4,832.00	32,000.00
Station 3-Winding, Instl Chill Plates,Tubing,Bag									
P1-101	Wind coil C-2>>@125%	27JAN06A	34*	15MAR06	24FEB06	155	15	17,456.66	116,377.76
P1-110	Instl Chill Plates,Tubing,Bag C2>>@125%	16MAR06	12	31MAR06	17MAR06	155		0.00	41,371.52
P3-101	Wind coil C4	20APR06	35	08JUN06	05MAY06	142		0.00	99,031.04
P3-110	Instl Chill Plates,Tubing, Bag C4	09JUN06	12	26JUN06	23MAY06	142		0.00	34,856.32
P2-011	Wind coil A1	29JUN06	35	17AUG06	17JUL06	140		0.00	99,031.04
P2-020	Instl Chill Plates,Tubing, Bag A1	18AUG06	12	05SEP06	02AUG06	140		0.00	34,856.32
P3-041	Wind coil A3	06SEP06	35	24OCT06	21SEP06	140		0.00	100,082.36
P3-050	Instl Chl Plates,Tubing, Bag A3	25OCT06	12	09NOV06	09OCT06	140		0.00	35,618.16
P3-131	Wind coil A4	10NOV06	35	09JAN07	29NOV06	140		0.00	101,195.52
P3-140	Instl Chl Plates,Tubing, Bag A4	10JAN07	12	25JAN07	15DEC06	140		0.00	35,618.16
P2-071	Wind coil B3	26JAN07	35	15MAR07	28MAR07	140		0.00	101,195.52
P2-080	Instl Chill Plates,Tubing,Bag B3	16MAR07	12	02APR07	13APR07	140		0.00	35,618.16
P3-071	Wind coil B5	17APR07	35	05JUN07	04JUN07	130		0.00	101,195.52
P3-080	Instl Chill Plates,Tubing,Bag B5	06JUN07	12	21JUN07	20JUN07	130		0.00	35,618.16
P2-131	Wind coil A5	22JUN07	35	10AUG07	12FEB07	130		0.00	101,195.52
P2-140	Instl Chl Plates,Tubing, Bag A5	13AUG07	12	28AUG07	28FEB07	130		0.00	35,618.16
P2-041	Wind coil C6	29AUG07	35	17OCT07	25JUN07	130		0.00	102,207.23
P2-050	Instl Chl Plates,Tubing, Bag C6	18OCT07	12	02NOV07	12JUL07	130		0.00	36,576.88
SSD-ST3	Second shift cost differential	27JAN06A	374*	19JUL07	18SEP07	123		256.00	32,000.00
Station 5-VPI									
P1-021V	VPI (Station 5) C1	27FEB06	0*	24FEB06	16MAR06	307		0.00	0.00
P1-111V	VPI (Station 5) C2	03APR06	12	18APR06	04APR06	282		0.00	26,712.32
P2-111V	VPI (Station 5) C3	05JUN06	12	20JUN06	22MAY06	250		0.00	26,712.32
P3-111V	VPI (Station 5) C4	27JUN06	12	13JUL06	09JUN06	246		0.00	26,712.32
P1-141V	VPI (Station 5) C5	10AUG06	12	25AUG06	28JUL06	227		0.00	26,712.32
P2-021V	VPI (Station 5) A1	06SEP06	12	21SEP06	18AUG06	221		0.00	26,712.32
P3-021V	VPI (Station 5) A2	17OCT06	12	01NOV06	04OCT06	204		0.00	27,296.16
P3-051V	VPI (Station 5) A3	10NOV06	12	29NOV06	25OCT06	198		0.00	27,296.16
P1-051V	VPI (Station 5) B1	02JAN07	12	17JAN07	12DEC06	181		0.00	27,296.16
P3-141V	VPI (Station 5) A4	26JAN07	12	12FEB07	10JAN07	175		0.00	27,296.16
P1-081V	VPI (Station 5) A5	29AUG07	12	14SEP07	16MAR07	130		0.00	27,296.16
P2-141V	VPI (Station 5) B2	08MAR07	12	23MAR07	23FEB07	158		0.00	27,296.16



Run Date 20FEB06 14:13

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
ECP-39 Baseline

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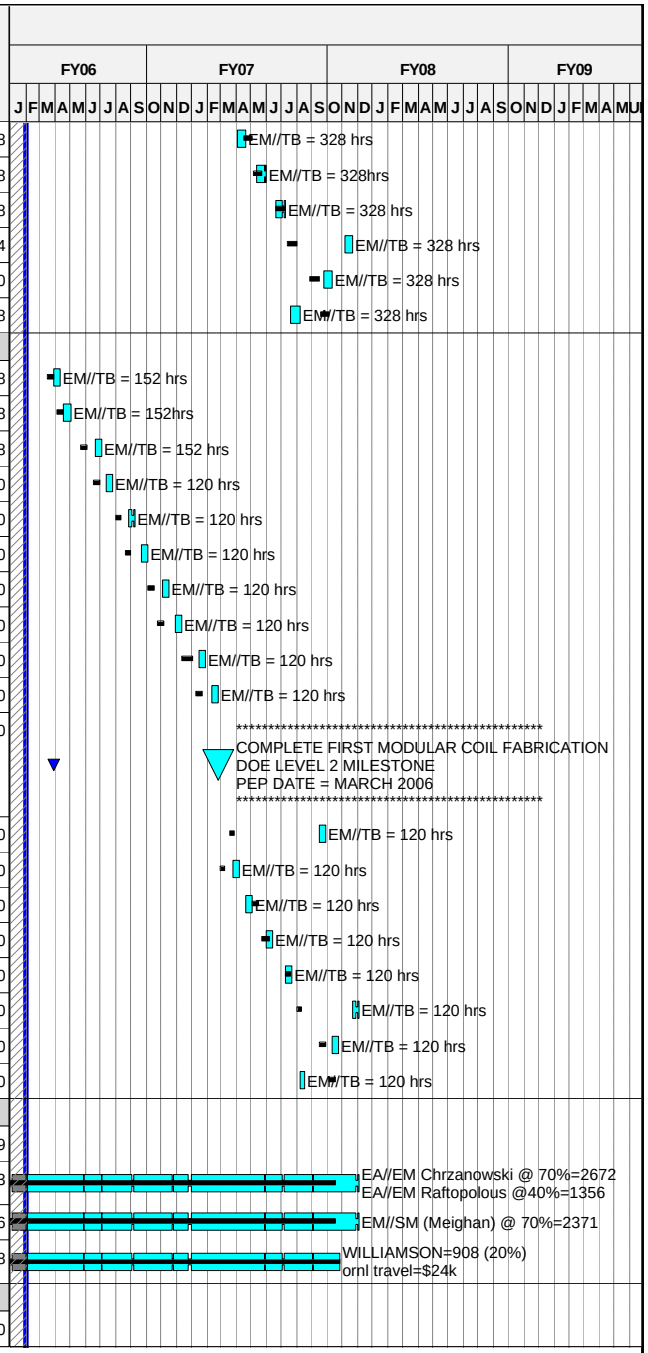
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
P2-081V	VPI (Station 5) B3	03APR07	12	18APR07	01MAY07	186		0.00	23,218.38
P3-081V	VPI (Station 5) B4	14MAY07	12	30MAY07	22MAY07	169		0.00	23,218.38
P2-171V	VPI (Station 5) B5	22JUN07	12	10JUL07	09JUL07	153		0.00	23,218.38
P2-051V	VPI (Station 5) C6	05NOV07	12	20NOV07	30JUL07	130		0.00	23,843.34
P1-171V	VPI (Station 5) A6	26SEP07	12	11OCT07	13SEP07	123		0.00	23,687.10
P3-171V	VPI (Station 5) B6	20JUL07	12	06AUG07	04OCT07	146		0.00	23,218.38
Station 1B Final Clamp Installation									
P1-021C	Final Clamps & Warm Test (Station1) C1	29MAR06	9	10APR06	29MAR06	396		0.00	12,378.88
P1-111C	Final Clamps & Warm Test (Station1) C2	19APR06	9	01MAY06	17APR06	410		0.00	12,378.88
P2-111C	Final Clamps & Warm Test (Station1) C3	21JUN06	9	03JUL06	05JUN06	274		0.00	12,378.88
P3-111C	Final Clamps & Warm Test (Station1) C4	14JUL06	9	26JUL06	29JUN06	267		0.00	9,772.80
P1-141C	Final Clamps & Warm Test (Station1) C5	28AUG06	9	08SEP06	11AUG06	245		0.00	9,772.80
P2-021C	Final Clamps & Warm Test (Station1) A1	22SEP06	9	04OCT06	31AUG06	236		0.00	9,844.00
P3-021C	Final Clamps & Warm Test (Station1) A2	02NOV06	9	14NOV06	17OCT06	216		0.00	9,986.40
P3-051C	Final Clamps & Warm Test (Station1) A3	30NOV06	9	12DEC06	07NOV06	207		0.00	9,986.40
P1-051C	Final Clamps & Warm Test (Station1) B1	18JAN07	9	30JAN07	02JAN07	187		0.00	9,986.40
P3-141C	Final Clamps & Warm Test (Station1) A4	13FEB07	9	23FEB07	23JAN07	178		0.00	9,986.40
P1-021.1	Complete First Mod Coil Fabrication C1		0	23FEB07	29MAR06	178		0.00	0.00
P1-081C	Final Clamps & Warm Test (Station1) A5	17SEP07	9	27SEP07	29MAR07	133		0.00	9,986.40
P2-141C	Final Clamps & Warm Test (Station1) B2	26MAR07	9	05APR07	08MAR07	158		0.00	9,986.40
P2-081C	Final Clamps & Warm Test (Station1) B3	19APR07	9	01MAY07	14MAY07	201		0.00	9,986.40
P3-081C	Final Clamps & Warm Test (Station1) B4	31MAY07	9	12JUN07	05JUN07	181		0.00	9,986.40
P3-171C	Final Clamps & Warm Test (Station1) B5	11JUL07	9	23JUL07	20JUL07	162		0.00	9,986.40
P2-051C	Final Clamps & Warm Test (Station1) C6	21NOV07	9	05DEC07	10AUG07	130		0.00	10,255.20
P1-171C	Final Clamps & Warm Test (Station1) A6	12OCT07	9	24OCT07	26SEP07	123		0.00	10,255.20
P2-171C	Final Clamps & Warm Test (Station1) B6	07AUG07	9	17AUG07	17OCT07	152		0.00	9,986.40
LOE Oversight & Supervision									
171-000	Winding Preparations (LOE) FY05	01AUG05A	49*	30SEP05A	30SEP05A			53,382.29	53,382.29
171-040	Winding Oversight (LOE)	10OCT05A	539*	05DEC07	17OCT07	130		90,172.13	658,190.73
171-041	Tech Supervision	10OCT05A	539*	05DEC07	17OCT07	130		42,247.10	308,372.96
TITLE3W	Titel III Design ORNL- Component Fab &	10OCT05A	512*	25OCT07	25OCT07	493		28,435.20	196,104.78
FY05CV-25	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			81,000.00	81,000.00



Run Date 20FEB06 14:13

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
ECP-39 Baseline

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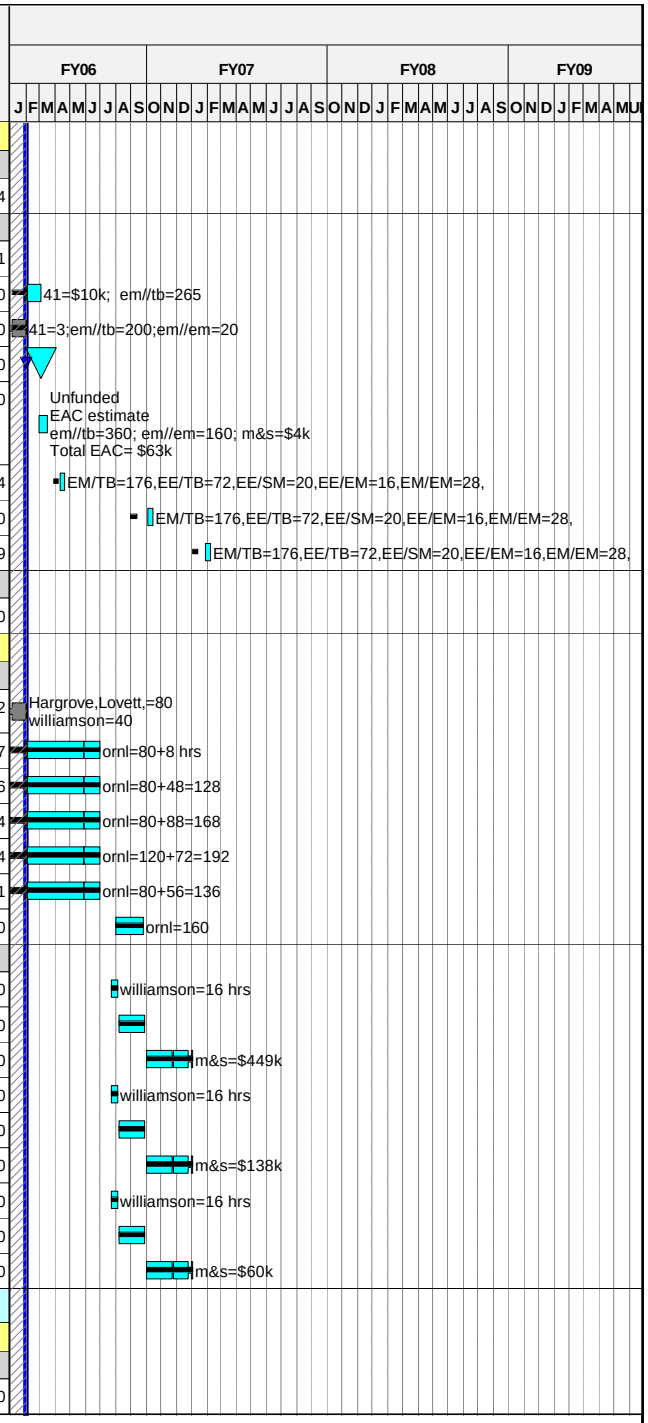
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
Job: 1414 Coil Testing-Gettelfinger									
+ Twisted Racetrack Hardware Fabrication									
		01APR05A	150	31OCT05A	31OCT05		100	68,828.24	68,828.24
Production Modular Coils									
1409-130	Production Cryostat Design	26SEP05A	26*	31OCT05A	31OCT05		100	6,839.71	6,839.71
1409-135	Production Cryostat Fabr & Install	31JAN06A	22*	01MAR06	01FEB06	903	30	10,587.48	35,291.60
1409-136	Valve/pump repairs&safety mods to cryo pp	01DEC05A	38*	31JAN06A	31JAN06		100	23,871.20	23,871.20
1409-199	Closed Loop Facility Available for Production		0	01MAR06*	01FEB06	903	50	0.00	0.00
162-100	Kickless cable testing	01MAR06*	11*	15MAR06		893		0.00	0.00
P1-021	Test Coil (Coil Test Stand) C1	11APR06	7	19APR06	07APR06	875		0.00	30,321.24
P2-021	Test Coil (Coil Test Stand) A1	05OCT06	7	13OCT06	12SEP06	751		0.00	23,237.70
P1-051	Test Coil (Coil Test Stand) B1	31JAN07	7	08FEB07	11JAN07	675		0.00	18,967.19
FY05CV-19	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			88,000.00	88,000.00
Job: 1421-Mod Coil Interface Hardware-WILLIAMSON									
Coil-to-coil Interface Design									
1403-11.1	Compl assembly / interface drawings for ICDs	01NOV04A	309*		31OCT05		90	28,530.47	31,700.52
1403-16	Assembly bolts, nuts,washers	01OCT04A	401*	30JUN06	30JUN06	220	60	8,454.58	14,090.97
1403-17	Assembly shims	01OCT04A	401*	30JUN06	30JUN06	220	60	12,297.58	20,495.96
1403-18	Eccentric ball assembly	08NOV04A	375*	30JUN06	30JUN06	829	60	16,176.38	26,960.64
1403-19	Top assembly dwgs for mod coil shell	01OCT04A	401*	30JUN06	30JUN06	829	60	18,446.36	30,743.94
1403-19A	Bladder Details	01JUL05A	215*	30JUN06	30JUN06	220	20	4,475.98	22,379.91
1403-20	3 coil assembly specification	01AUG06*	40	25SEP06	25SEP06	270		0.00	26,992.00
1421-100	Submet Requisition for - Assy	24JUL06*	10	04AUG06	04AUG06	206		0.00	2,699.20
1421-105	Procurement lead time for-Assy	07AUG06	40	29SEP06	29SEP06	206		0.00	0.00
1421-110	Deliver - Assy bolts,nuts,washers	02OCT06	60	03JAN07	03JAN07	206		0.00	449,000.00
1421-200	Submet Requisition for - Assembly shims	24JUL06*	10	04AUG06	04AUG06	206		0.00	2,699.20
1421-205	Procurement lead time for - Assembly shims	07AUG06	40	29SEP06	29SEP06	206		0.00	0.00
1421-210	Deliver - Assembly shims	02OCT06	60	03JAN07	03JAN07	206		0.00	138,000.00
1421-400	Submet Requisition for - Bladders	24JUL06*	10	04AUG06	04AUG06	206		0.00	2,699.20
1421-405	Procurement lead time for - Bladders	07AUG06	40	29SEP06	29SEP06	206		0.00	0.00
1421-410	Deliver - Bladders	02OCT06	60	03JAN07	03JAN07	206		0.00	60,000.00
15 - Structures									
Job: 1501 - Structures Design- DAHLGREN									
+ PDR/PBR Task List									
		07OCT03A	31	18NOV03A	18NOV03A		100	18,540.00	18,540.00



Run Date 20FEB06 14:13

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
ECP-39 Baseline

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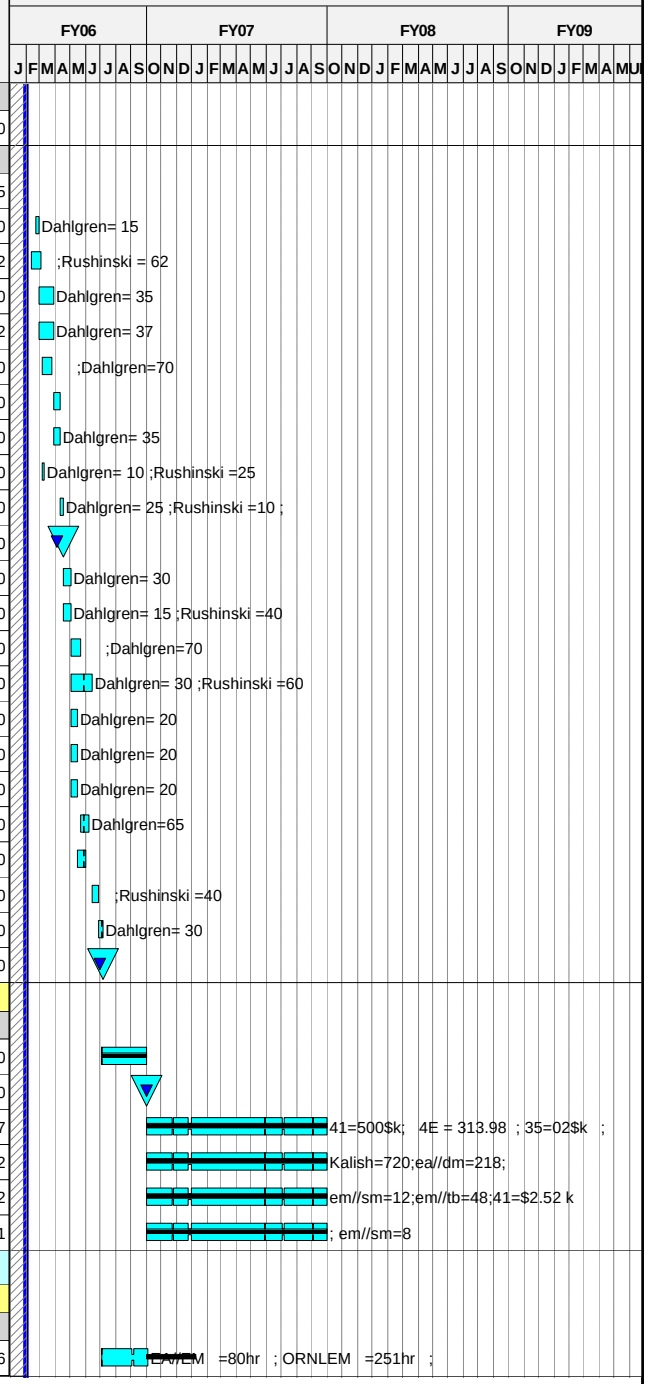
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
+ Reqmnts,Configuration, Interfaces and PDR									
		21OCT03A	*242*	**30SEP04A**	30SEP04A			***16,068.00***	16,068.00
1501-001	Prelim Design Structures	**01JUL05A**	*110**	**30SEP05A**			***100***	***45,443.75***	45,443.75
1501-201	Write ICD's	**22FEB06***	*5*	**28FEB06**		***826***		***0.00***	2,610.90
1501-205	Update Design/models	**13FEB06***	*15*	**03MAR06**		***838***		***0.00***	10,791.72
1501-209	Prepare SRD	**01MAR06**	*20*	**28MAR06**		***826***		***0.00***	6,092.10
1501-213	Approve ICD's	**01MAR06**	*20*	**28MAR06**		***836***		***0.00***	6,440.22
1501-217	Update stress analysis	**06MAR06**	*15*	**24MAR06**		***838***		***0.00***	12,184.20
1501-221	approve SRD	**29MAR06**	*10*	**11APR06**		***826***		***0.00***	0.00
1501-225	Write prelim purchase spec	**29MAR06**	*10*	**11APR06**		***826***		***0.00***	6,092.10
1501-229	Create Prelim Assemblies	**06MAR06**	*5*	**10MAR06**		***848***		***0.00***	6,092.10
1501-233	PDR Preparation	**12APR06**	*5*	**18APR06**		***826***		***0.00***	6,092.10
1501-PDR	PDR		*0*	**18APR06**	03APR06	***826***		***0.00***	0.00
1501-241	Write final purchase spec	**19APR06**	*10*	**02MAY06**		***846***		***0.00***	5,221.80
1501-246	Update Models	**19APR06**	*10*	**02MAY06**		***826***		***0.00***	9,573.30
1501-249	Update Analysis	**03MAY06**	*15*	**23MAY06**		***841***		***0.00***	12,184.20
1501-253	Prep Final Drawings	**03MAY06**	*30*	**14JUN06**		***826***		***0.00***	15,665.40
1501-257	Detailed Hardware Analysis	**03MAY06**	*10*	**16MAY06**		***846***		***0.00***	3,481.20
1501-261	Write Statement of work	**03MAY06**	*10*	**16MAY06**		***846***		***0.00***	3,481.20
1501-265	Approve Purchase Spec	**03MAY06**	*10*	**16MAY06**		***856***		***0.00***	3,481.20
1501-269	Check Analysis	**24MAY06**	*10*	**07JUN06**		***841***		***0.00***	11,313.90
1501-273	Approve SOW	**17MAY06**	*10*	**31MAY06**		***846***		***0.00***	0.00
1501-277	Prep Assy Dwgs	**15JUN06**	*10*	**28JUN06**		***826***		***0.00***	6,962.40
1501-281	Prep for FDR	**29JUN06**	*5*	**06JUL06**		***826***		***0.00***	5,221.80
1501-FDR	FDR		*0*	**06JUL06**	30JUN06	***826***		***0.00***	0.00
Job:1550 - Structures Procurement -DAHLGREN									
1501-245	Prep Spec,Solicit Bids, and Evaluate Bids	**03JUL06**	*65*	**02OCT06**	02OCT06	***247***		***0.00***	0.00
162-036.9	Award Coil Support Structure		*0*	**02OCT06***	02OCT06*	***245***		***0.00***	0.00
162-037	WBS 151Coil Support Struc Procurement	**03OCT06**	*249*	**01OCT07**	01OCT07	***245***		***0.00***	1,013,788.47
162-031	Title III engr WBS 151	**03OCT06**	*249*	**01OCT07**	01OCT07	***511***		***0.00***	153,878.32
153.037	WBS 153 Support Structure I&C	**03OCT06***	*249*	**01OCT07**	01OCT07	***511***		***0.00***	9,022.42
153.015	Title III design WBS 153 locall&C	**03OCT06***	*249*	**01OCT07**	01OCT07	***511***		***0.00***	1,048.11
16 - Coil Services									
Job: 1601 - Coil Services Design-WILLIAMSON									
161 - LN2 Distribution									
191-001	Title I design WBS 161 LN2 manifolds&piping	**03JUL06***	*65*	**03OCT06**	10JAN07	***369***		***0.00***	56,302.56



Run Date **20FEB06 14:13**

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
ECP-39 Baseline

Sheet 27 of 56

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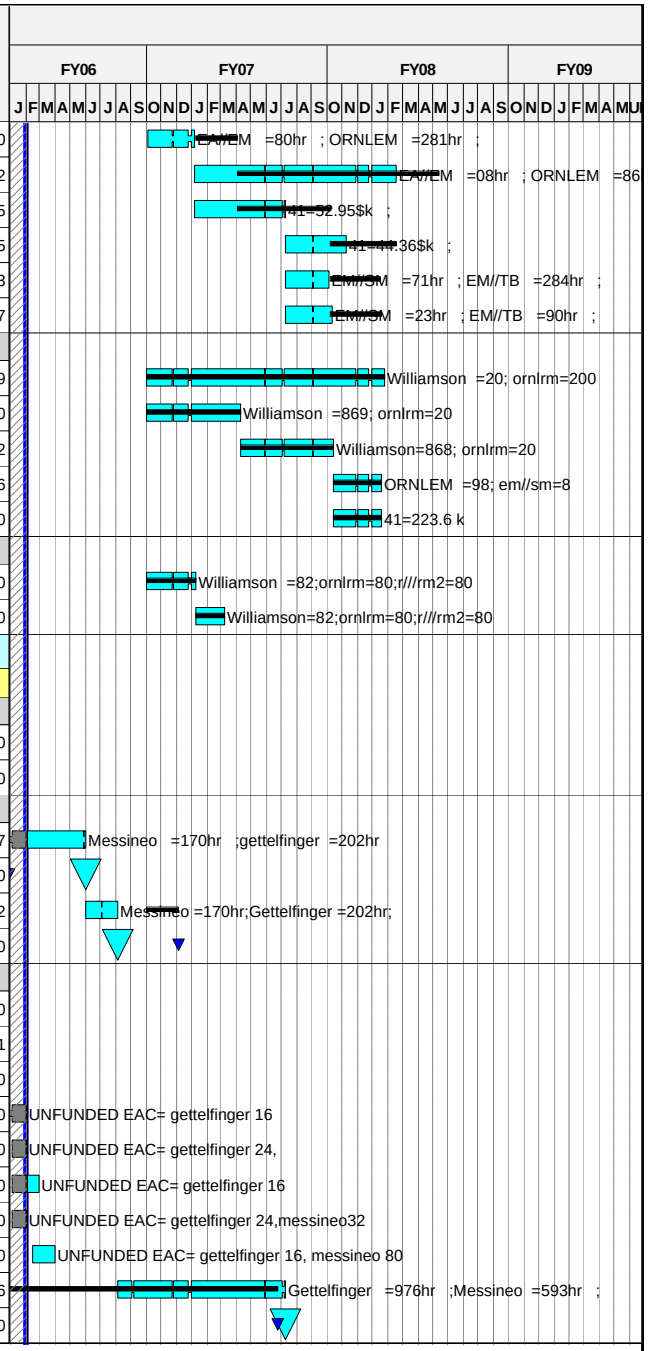
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
191-011	Title II design WBS 161 LN2 manifolds&piping	04OCT06	60	05JAN07	04APR07	369		0.00	114,923.30
191-031	Title III engr WBS 161	08JAN07	280	18FEB08	15MAY08	419		0.00	16,421.82
191-037	Procurement WBS 161	08JAN07	130	10JUL07	08OCT07	369		0.00	72,594.45
191-038	PDR#17	11JUL07*	86	08NOV07	15FEB08	483		0.00	61,326.15
191-041	LN2 Manifolds & ppg Fab/assy/instl WBS 161	11JUL07*	62	05OCT07	14JAN08	369		0.00	33,006.93
191-042	PDR #17,25,3	11JUL07*	65	10OCT07	17JAN08	504		0.00	10,537.57
162 - Electrical Leads									
132-000	PDR #17 & 25	02OCT06	325	24JAN08	24JAN08	436		0.00	41,396.19
132-001	Title I design WBS 162 Coil leads	02OCT06*	130	11APR07	11APR07	303		0.00	153,159.10
132-011	Title II design WBS 162 Coil leads	12APR07	130	15OCT07	15OCT07	303		0.00	153,686.42
132-015	Title III design WBS 162 Coil leads	16OCT07*	60	17JAN08	17JAN08	441		0.00	18,618.16
132-037	Coil Leads Procurement WBS 162	16OCT07*	60	17JAN08	17JAN08	303		0.00	314,186.10
163 - Coil Protection System									
163.001	Title I design WBS 163 Coil protection	02OCT06*	65	10JAN07	10JAN07	656		0.00	42,744.60
163.011	Title II design WBS 163 Coil protection	11JAN07	40	07MAR07	07MAR07	656		0.00	42,744.60
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	30SEP03A		100	12,180.00	12,180.00
FY05CV-27	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			178,000.00	178,000.00
Base Support									
161-001	Revise Preliminary Design for new supt	01APR04A	541*	31MAY06	23DEC05	358	90	46,136.13	51,262.37
151-003	Base Support Struct PDR		0	31MAY06*	23DEC05*	358		0.00	0.00
161-011	Final Design Base Support Structure WBS 172	01JUN06	45	03AUG06	05DEC06	358		0.00	64,639.22
172-199	Base Support Structure FDR		0	03AUG06	05DEC06	358		0.00	0.00
Cryostat									
151-000	Adv Concep Design Cryostat shell & struct	01DEC03A	103*	31MAR04A	31MAR04A		100	6,000.00	6,000.00
151-001	Title I design WBS 171 cryostat	01APR04A	270*	29APR05A	29APR05A		100	125,850.61	125,850.61
151-002	Cryostat PDR		0	29APR05A	29APR05A		100	0.00	0.00
171-100	Investigate Alt Cryostat Architecture	01DEC05A	38*	31JAN06A			100	0.00	0.00
171-101	Finalize cryostat penetrations for VV	03JAN06A	0*	31JAN06A			100	0.00	0.00
171-102	Select gas-filled insulation-all svcs	03JAN06A	41*	28FEB06		275	95	0.00	0.00
171-103	Finalize cryo midplane arch	03JAN06A	20*	31JAN06A			100	0.00	0.00
171-104	Plan WBS 16 interface	15FEB06*	33*	31MAR06		252		0.00	0.00
151-011	Final Design Cryostat WBS 171	04AUG06*	231	09JUL07	22JUN07	165		0.00	242,331.96
171-199	Cryostat FDR		0	09JUL07	22JUN07	165		0.00	0.00



Run Date 20FEB06 14:13

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
ECP-39 Baseline

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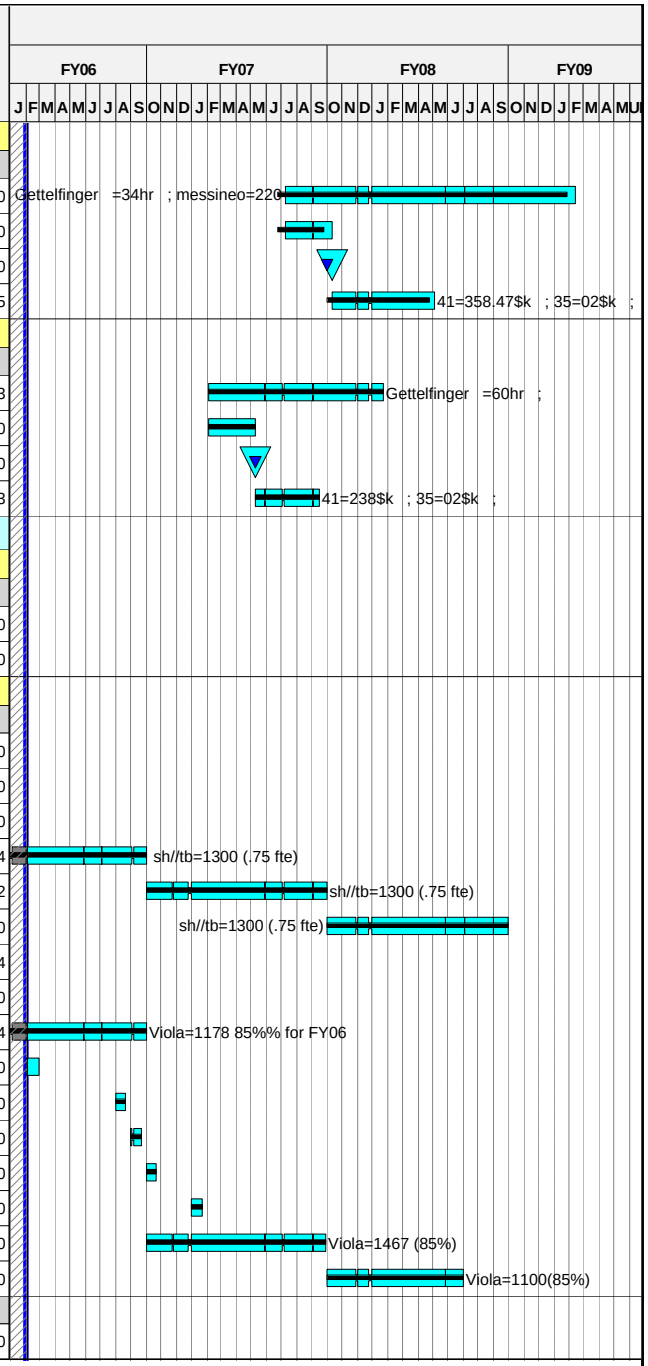
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
Job: 1751 - Cryostat Procurement									
171 - Cryostat									
151-031	Title III engr	10JUL07	405	11FEB09	28JAN09	165		0.00	33,337.10
151-036.8	Prep Spec, Solicit bids, and Select Vendor	10JUL07	65	09OCT07	25SEP07	165		0.00	0.00
151-036.9	Award Cryostat Procurement		0	09OCT07*	01OCT07*	236		0.00	0.00
151-037	Cryostat Procurement [A/1]	10OCT07	141	05MAY08	25APR08	236		0.00	507,236.35
Job: 1752 - Base Support Structure Procurement									
172 - Base Support Structure									
161-031	Title III engr WBS 172	06FEB07	240	22JAN08	22JAN08	438		0.00	10,726.43
161-036.8	Prep Spec, Solicit bids, and Select Vendor	06FEB07*	65	07MAY07	07MAY07	235		0.00	0.00
161-036.9	Award Machine Base&supports Procurement		0	07MAY07	07MAY07	235		0.00	0.00
161-037	Machine Base&supports Procurement [A/1]	08MAY07	90	13SEP07	13SEP07	235		0.00	300,678.83
18 - Field Period Assembly									
Job: 1801-Field Period Assly -CHRZANOWSKI (ORNL)									
Prior Costs									
1801-001	Apr-Sept MIE Costs PPPL	01APR03A	42	30SEP03A	30SEP03A		100	7,750.00	7,750.00
1801-002	Apr-Sept MIE Costs ORNL	01APR03A	42	30SEP03A	30SEP03A		100	53,050.00	53,050.00
Job: 1802 - FP Assy Oversight&Support-VIOLA									
Oversight and Supervision									
181.200	HP Coverage in the TFTR TC LOE FY04	02FEB04A	171*	30SEP04A	30SEP04A		LOE	61,119.60	61,119.60
181.201	D-Site Shift Supervisor LOE FY04	01JUL04A	64*	30SEP04A	30SEP04A		LOE	25,920.40	25,920.40
181.210	HP Coverage in the TFTR TC LOE FY05	01OCT04A	249*	30SEP05A	30SEP05A		LOE	136,539.00	136,539.00
181.222	HP Coverage in the TFTR TC LOE FY06	01OCT05A	250*	02OCT06	02OCT06	760		46,555.91	147,328.84
181.220	HP Coverage in the TFTR TC LOE FY07	02OCT06*	250*	01OCT07	01OCT07	511		0.00	150,543.22
181.221	HP Coverage in the TFTR TC LOE FY08	01OCT07*	251*	30SEP08	30SEP08	261		0.00	154,583.00
181.100	PPPL EM LOE FY04	13OCT03A	242*	30SEP04A	30SEP04A		LOE	77,518.74	77,518.74
181.110	PPPL EM LOE FY05	01OCT04A	249*	30SEP05A	30SEP05A		LOE	9,625.20	9,625.20
181.120	PPPL EM LOE FY06	01DEC05A	209*	02OCT06	02OCT06	760		37,203.74	204,416.14
181.2A	Procedure for VV prep	01FEB06*	20	28FEB06	21OCT05	321		0.00	0.00
181.2B	Procedure for MC HP subassy	01AUG06*	15	21AUG06	21AUG06	292		0.00	0.00
181.2C	Procedure for MC instl on VV	01SEP06*	15	22SEP06	22SEP06	326		0.00	0.00
181.2D	Procedure for TF HP sub assy	02OCT06*	15	20OCT06	20OCT06	378		0.00	0.00
181.2E	Procedure for Final FP assy	02JAN07*	15	22JAN07	22JAN07	304		0.00	0.00
181.121	PPPL EM LOE FY07	02OCT06*	249*	28SEP07	28SEP07	512		0.00	260,099.10
181.122	PPPL EM LOE FY08	01OCT07*	187*	30JUN08	30JUN08	325		0.00	200,288.00
FY05CV-28	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			57,000.00	57,000.00



Run Date **20FEB06 14:13**

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
ECP-39 Baseline

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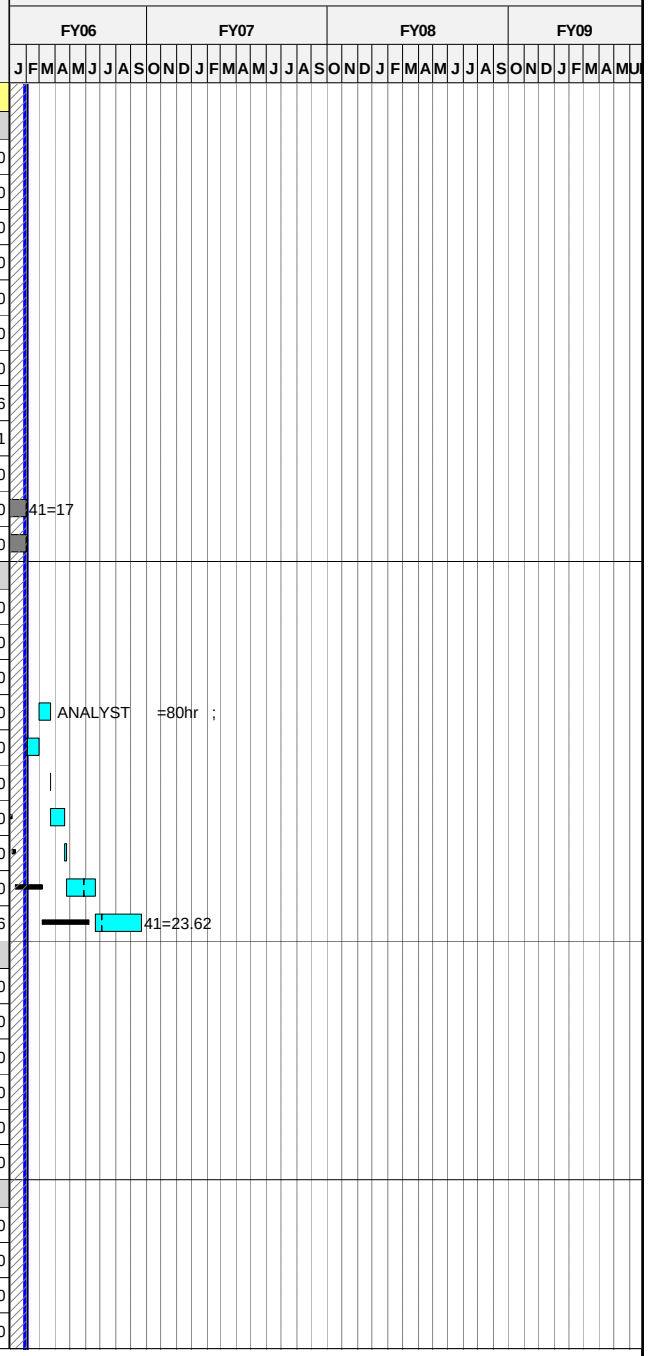
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
Job: 1803- FP Assy Toolg/Constructability-BROWN									
1.00-VV Prep Station									
1803-1.01	Concept definition and requirements	01FEB05A	10	28FEB05A	28FEB05A		100	16,056.00	16,056.00
1803-1.02	VV Support Fixture - model design& drawing	01FEB05A	73	31MAY05A	31MAY05A		100	13,604.00	13,604.00
1803-1.04	Metrology -sightline layout metrology support	13APR05A	18	31MAY05A	31MAY05A		100	25,502.00	25,502.00
1803-1.05	Structural / Seismic Analysis check	01FEB05A	86*	31MAY05A	31MAY05A		100	13,220.00	13,220.00
1803-1.06	Design review PDR VV Prep Station	01AUG05A	0*	10AUG05A	10AUG05A		100	1,983.00	1,983.00
1803-1.09	Safety Review documentation / presentation	02SEP05A	10	15SEP05A	15SEP05A		100	2,644.00	2,644.00
1803-1.061	Design review FDR VV Prep Station	16SEP05A	2	19SEP05A	19SEP05A		100	1,983.00	1,983.00
1803-1.07	Design check and sign-off	20SEP05A	30*	31OCT05A	07OCT05		100	3,636.96	3,636.96
1803-1.10	Fab / Design Review - follow-up activities	20SEP05A	30*	31OCT05A	07OCT05		100	7,214.11	7,214.11
1803-1.08	Prep & Issue dwgs,and requisition	31OCT05A	5*	31OCT05A	07NOV05		100	0.00	0.00
1803-1.12	PPPL FAB - VV support Fixture (1st)	17OCT05A	77*	31JAN06A	05DEC05		100	23,307.00	23,307.00
1803-1.13	PPPL FAB - VV support Fixture (2nd)	16DEC05A	53*	31JAN06A			100	0.00	0.00
2.00-Half Period Assembly									
1803-2.01	Concept definition and requirements	03JAN05A	52*	28FEB05A	28FEB05A		100	16,056.00	16,056.00
1803-2.02	MC Holding Fixture - model design and	01FEB05A	79*	29APR05A	29APR05A		100	21,728.00	21,728.00
1803-2.04	Metrology - sightline layout design details metr	01AUG05A	77*	30SEP05A	30SEP05A		100	15,209.60	15,209.60
1803-2.05	Structural / Seismic Analysis check	01MAR06	15	21MAR06	21NOV05	273		0.00	13,924.80
1803-2.055	Update design for new magnetic alignment	01FEB06	20	28FEB06		273		0.00	0.00
1803-2.06	PDR Half Period Assy	22MAR06	1	22MAR06	07DEC05	273		0.00	0.00
1803-2.061	FDR Half Period Assy	24MAR06	19	19APR06	04JAN06	273		0.00	0.00
1803-2.08A	Prep & Issue Spec,dwgs,and requisition	20APR06	3	24APR06	09JAN06	273		0.00	0.00
1803-2.08	Procurement Lead Time and Award	25APR06	40	20JUN06	06MAR06	273		0.00	0.00
1803-2.11	Fab MC HP Assy Fixtures (1)	21JUN06	65	20SEP06	06JUN06	273		0.00	31,889.46
3.00-MC Installation									
1803-3.01	Concept definition and requirements	25OCT04A	5	29OCT04A	29OCT04A		100	6,610.00	6,610.00
1803-3.02	MC Turning Fixture and base - model design	15NOV04A	48*	31JAN05A	31JAN05A		100	1,983.00	1,983.00
1803-3.03	MC Gantry Crane - model design and drawing	29NOV04A	40*	31JAN05A	31JAN05A		100	14,265.00	14,265.00
1803-3.04	VV support stand - model design and drawing	29NOV04A	104*	29APR05A	29APR05A		100	8,849.00	8,849.00
1803-3.05	Platform - design and drawing details	01FEB05A	7	29APR05A	29APR05A		100	9,179.50	9,179.50
1803-3.084	Industry Info Meeting	21FEB05A	1	21FEB05A	21FEB05A		100	0.00	0.00
3.10 MC Turning Fixture-Industry Option									
1803-3.10A	Issue dwgs	02MAY05A	30	31MAY05A	31MAY05A		100	20,243.80	20,243.80
180303.10A	Issue RFP		0	31MAY05A	31MAY05A		100	0.00	0.00
1803-3.10C	Proposals Due		0	17JUN05A	17JUN05A		100	0.00	0.00
1803-3.14	DECISION ON APPROACH		0	31AUG05A	31AUG05A		100	0.00	0.00



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ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
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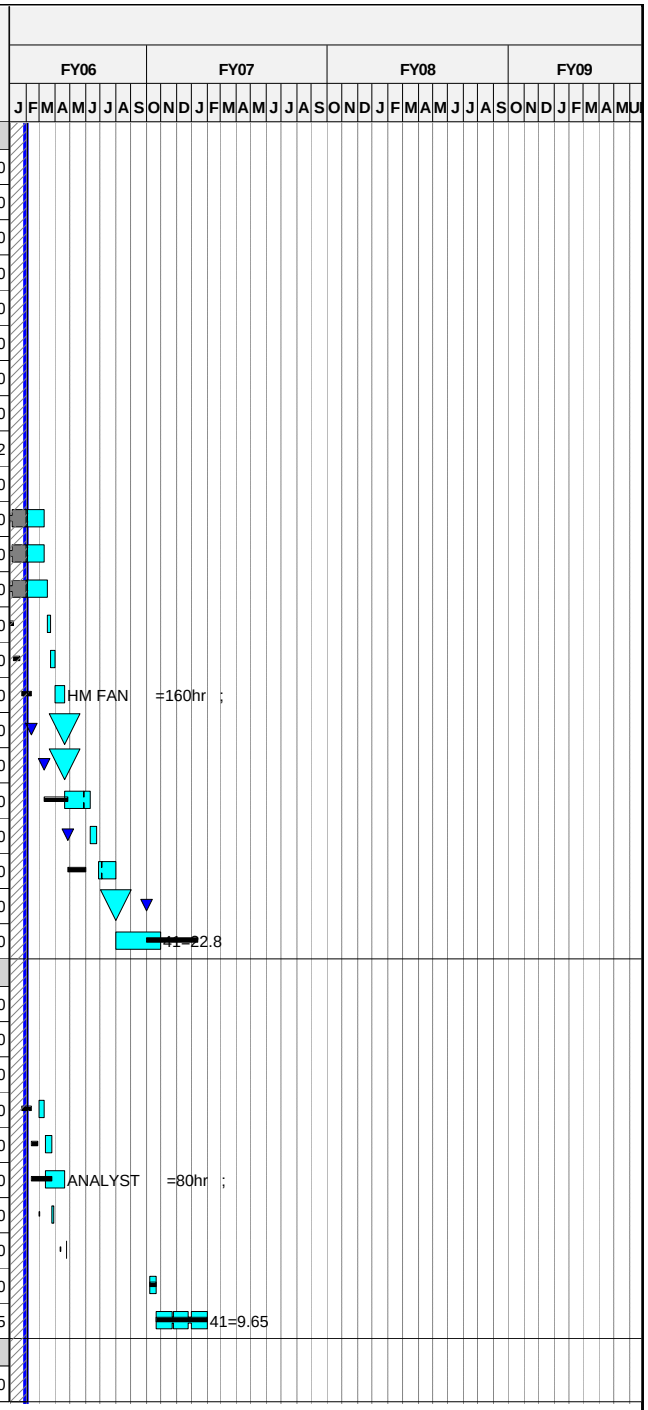
3.20 MC Turning Fixture-Crane Option									
1803-3.30	Develop Crane Design Option	01MAY05A	6*	31MAY05A	31MAY05A		100	0.00	0.00
1803-3.33	Design Equivalent Test Simulation Model	16MAY05A	33*	17JUN05A	17JUN05A		100	6,416.80	6,416.80
1803-3.36	Design Test Track	20JUN05A	7	24JUN05A	24JUN05A		100	6,416.80	6,416.80
1803-3.39	Fab Test Track	27JUN05A	24*	29JUL05A	29JUL05A		100	56,326.60	56,326.60
1803-3.40	Site Prep	27JUN05A	5	30JUN05A	30JUN05A		100	0.00	0.00
1803-3.43	Assembly of Test Article	29JUL05A	5	29JUL05A	29JUL05A		100	11,923.20	11,923.20
1803-3.46	Metrology set-up	29JUL05A	5	29JUL05A	29JUL05A		100	0.00	0.00
1803-3.49	Run Test	29JUL05A	3	29JUL05A	29JUL05A		100	11,004.00	11,004.00
1803-3.50	Test Evaluation and Write up	31AUG05A	0*	31AUG05A	31AUG05A		100	2,566.72	2,566.72
1803-3.52	DECISION ON APPROACH		0	31AUG05A	31AUG05A		100	0.00	0.00
1803-3.15	MC Crane load support sys	01DEC05A	66*	10MAR06	11NOV05	330	50	0.00	0.00
1803-3.60	Laser Screen Guide Mods	01DEC05A	66*	10MAR06	23NOV05	305	50	0.00	0.00
1803-3.62	VV support stand and misc fixtures	10OCT05A	106*	16MAR06	09DEC05	301	75	0.00	0.00
1803-3.64	Platform for flange bolting	17MAR06*	5	23MAR06	06JAN06	301		0.00	0.00
1803-3.66	Metrology layout	24MAR06*	5	30MAR06	20JAN06	301		0.00	0.00
1803-3.07	Seismic Analysis check	31MAR06*	15	20APR06	10FEB06	301		0.00	27,849.60
1803-3.15B	PDR Turning fixture & Base		0	20APR06*	10FEB06*	301		0.00	0.00
1803-3.15E	FDR Turning fixture & Base		0	20APR06*	08MAR06*	301		0.00	0.00
1803-3.07A	Issue drawing package	21APR06*	35	09JUN06	26APR06	301		0.00	0.00
1803-3.08A	Issue RFP	12JUN06	10	23JUN06	26APR06	301		0.00	0.00
1803-3.08B	Recieve & Evaluate Bids	26JUN06	25	31JUL06	01JUN06	301		0.00	0.00
1803-3.15D	Award Fabrication Contract		0	31JUL06	02OCT06*	301		0.00	0.00
1803-3.15C	Fab Crane Support & Laser screens	01AUG06	65	30OCT06	11JAN07	301		0.00	31,258.80
4.00-TF HP Assembly									
1803-4.01	Concept definition and requirements	01MAR05A	5	28MAR05A	28MAR05A		100	10,704.00	10,704.00
1803-4.03	TF HP support turning fixture - model design	01APR05A	15	30JUN05A	30JUN05A		100	14,265.00	14,265.00
1803-5.002	TF Rotation Fixture plus dwgs start	02MAY05A	129*	30SEP05A	30SEP05A		100	32,592.00	32,592.00
1803-4.06	TF Rotation Fixture plus dwgs complete	01MAR06*	8	10MAR06	10FEB06	431		0.00	0.00
1803-4.06A	Metrology layout	13MAR06*	10	24MAR06	24FEB06	450		0.00	0.00
1803-4.07	Structural / Seismic Analysis check	13MAR06*	30	21APR06	24MAR06	431		0.00	13,924.80
1803-4.08	PDR Final FP Assy	27MAR06	1	27MAR06*	28FEB06*	450		0.00	0.00
1803-4.081	FDR Final FP Assy	24APR06	1	24APR06*	11APR06*	431		0.00	0.00
1803-4.10A	Prep & Issue Spec,dwgs,and req-pltfrm&sprts	09OCT06*	10	20OCT06	20OCT06	314		0.00	0.00
1803-4.13	FAB-TF Support Stands (1)	23OCT06	65	31JAN07	31JAN07	314		0.00	13,230.15
5.00-Final FP Assembly									
1803-4.02	MC Support Stand - model design and drawing	01APR05A	89*	31MAY05A	31MAY05A		100	14,265.00	14,265.00



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ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
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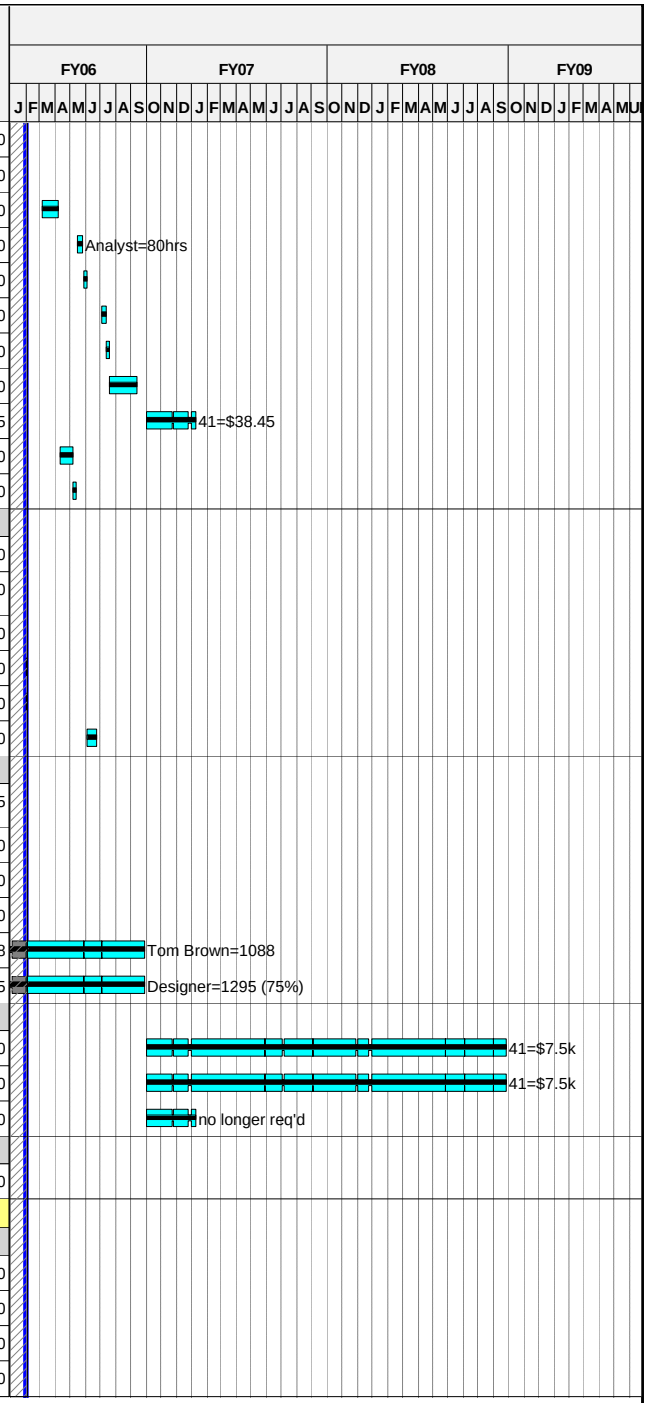
1803-5.001	Concept definition and requirements	02MAY05A	10	31MAY05A	31MAY05A		100	10,704.00	10,704.00
1803-4.04	FP Assembly platform - model design drawing	01AUG05A	65*	30SEP05A	30SEP05A		100	21,397.50	21,397.50
1803-5.003	MC support stand	06MAR06*	25*	07APR06	07APR06	353		0.00	0.00
1803-5.004	Structural Analysis	17MAY06*	8*	26MAY06	26MAY06	346		0.00	13,924.80
1803-5.005	PDR	30MAY06	5	05JUN06*	05JUN06*	346		0.00	0.00
1803-5.006	FDR	05JUL06	5	11JUL06*	11JUL06*	326		0.00	0.00
1803-5.007	Pre & Issue Specs and Dwgs	12JUL06	5	18JUL06	18JUL06	326		0.00	0.00
1803-5.008	Procurement Lead Time	19JUL06	40	12SEP06	12SEP06	326		0.00	0.00
1803-5.009	Fabricate	02OCT06*	65	10JAN07	10JAN07	313		0.00	52,714.95
1803-5.100	FP Assy Platform	10APR06*	20*	05MAY06	05MAY06	353		0.00	0.00
1803-5.200	Metrology layout/support stand dwgs	08MAY06*	5*	12MAY06	12MAY06	356		0.00	0.00
6.00-Interface/Test Activities									
1803-5.01	Finalize TFTR test cell FPA assembly layout	01JUN05A	42*	29JUL05A	29JUL05A		100	9,066.40	9,066.40
1803-5.03	Design MC assy test components	01JUN05A	25*	30JUN05A	30JUN05A		100	32,112.00	32,112.00
1803-5.04	Fab - Test Articles	01JUL05A	65*	30SEP05A	30SEP05A		100	19,215.00	19,215.00
1803-5.02A	Generate as built spherical seat dwg	01FEB06*	0*	31JAN06	15NOV05	437		0.00	0.00
1803-5.05	Run test/metrology measurements	01FEB06*	0*	31JAN06	08DEC05	936		0.00	0.00
1803-5.02	TFTR Test Cell FPA arrgmnt dwg	05JUN06*	15*	23JUN06	23JUN06	834		0.00	0.00
7.00-Oversight									
1803-7.01	Meetings Prep and Reporting	01NOV04A	230*	30SEP05A	30SEP05A		LOE	114,037.05	114,037.05
1803-7.02	Develop and maintain concept definition	01NOV04A	230*	30SEP05A	30SEP05A		LOE	9,915.00	9,915.00
1803-7.03	Develop and maintain assembly plan	01NOV04A	349*	30SEP05A	30SEP05A		LOE	9,254.00	9,254.00
1803-7.04	Mike Cole's FY05 on-site involvement in	01NOV04A	230*	30SEP05A	30SEP05A		LOE	24,800.00	24,800.00
1803-7.10	Tom Brown Engineering	03OCT05A	250*	29SEP06	29SEP06	765	LOE	59,843.22	189,377.28
1803-7.20	Design Activity	03OCT05A	250*	29SEP06	29SEP06	765	LOE	47,399.95	149,999.85
Tooling Design & Fabrication									
713A.040	General procurements	02OCT06*	498	26SEP08	26SEP08	263		0.00	10,410.00
713A.050	Welding tools, materials & equipt	02OCT06*	498	26SEP08	26SEP08	263		0.00	10,410.00
713A.060	Instl He gas piping from NSTX to D-site tc NOT	02OCT06*	65	10JAN07	10JAN07	371		0.00	0.00
FY05CV-29	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			-148,000.00	-148,000.00
Job: 1804-FP Assy Measurement Sys-RAFTOPOULOS									
Metrology									
740.010	Final Design Measurement systems	19JAN04A	181*	30SEP04A	30SEP04A		LOE	26,000.00	26,000.00
740.011	3-D Scanner/Faro Arm FDR		0	30JAN04A	30JAN04A			0.00	0.00
740.015	Prepare Requisition 3-D scanner & Romer Arm	30JAN04A	10	30JAN04A	30JAN04A			0.00	0.00
740.030	Deliver 3-D Scanner & Romer Arm	01APR04A	10*	30APR04A	30APR04A		100	171,990.00	171,990.00



Run Date 20FEB06 14:13

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
ECP-39 Baseline

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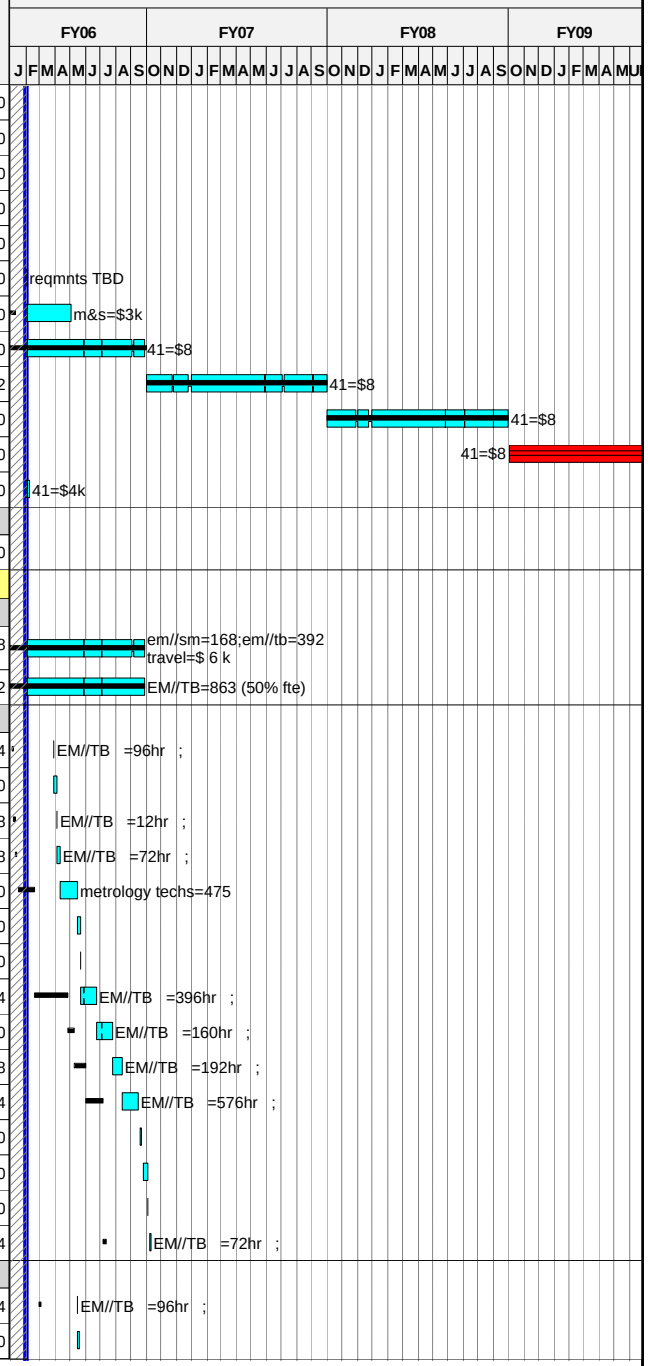
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
740.030A	Romer Arm Training	06JUL04A	3*	08JUL04A	08JUL04A		100	0.00	0.00
740.031	Metrology Software Review		0	30JAN04A	30JAN04A			0.00	0.00
740.032	Prepare Met Software Requisition	30JAN04A	10	30JAN04A	30JAN04A			0.00	0.00
740.045	Purchase- second Faro Arm PE005330	01OCT04A	102	29OCT04A	29OCT04A		100	70,455.00	70,455.00
1803-8	Metrology Support (moved from 1803)	01NOV04A	230*	30SEP05A	30SEP05A		LOE	101,133.00	101,133.00
740.035	Deliver Metrology Software	01FEB06*	1	01FEB06	03OCT05	930		0.00	0.00
740.100	Romer CMM- spare probes	01FEB06*	65	02MAY06	11JAN06	866		0.00	4,113.00
740.105	Romer CMM-Software support&warranty	01FEB06*	170*	29SEP06	02OCT06	761		0.00	10,968.00
740.106	Romer CMM-Software support&warranty	03OCT06*	249*	01OCT07	01OCT07	511		0.00	10,978.92
740.107	Romer CMM-Software support&warranty	03OCT07*	249*	30SEP08	30SEP08	261		0.00	11,240.00
740.108	Romer CMM-Software support&warranty	03OCT08*	259*	30SEP09	30SEP09	0		0.00	11,520.00
740.110	Romer CMM-Laptop for 2nd arm	01FEB06*	5	07FEB06	30SEP05	926		0.00	5,484.00
FY05CV-30	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			68,000.00	68,000.00
Job:1810 - Field Period Assembly-VIOLA									
Prep TFTR TC for Assembly operations									
740.020	Facility Prep	01FEB06	170*	29SEP06	29SEP06	761		0.00	63,992.08
S0P0-100	LOE Crane support, fixture setupfor TFTR TC.	01FEB06*	171*	29SEP06	29SEP06	765		0.00	70,282.72
Stage 1 VV Prep (instl diag & insul)FP#1									
S1P1-101	Receive VV and inspect	29MAR06	1	29MAR06	06JAN06	302		0.00	7,818.24
S1P1-101A	Prep for mounting on fixture,Instl flanges	30MAR06	3	03APR06		302		0.00	0.00
S1P1-102	Mount VV on VV Prep fixture (top side up)	04APR06	1	04APR06	09JAN06	302		0.00	977.28
S1P1-103	Establish metrology setting; align VV base	05APR06	4	10APR06	13JAN06	302		0.00	5,863.68
S1P1-103.1	Layout diagnostic&coolant paths on vsl	11APR06	26	16MAY06	16FEB06	302		0.00	38,684.00
S1P1-104	Install heater tape on vertical ports	17MAY06	4	22MAY06		302		0.00	0.00
S1P1-105	Verify installation of heater tapes	23MAY06	1	23MAY06		302		0.00	0.00
S1P1-107	Wind magnetic diagnostic sensors	24MAY06	21	22JUN06	25APR06	302		0.00	32,250.24
S1P1-107.1	Loop termination & verification	23JUN06	24	27JUL06	09MAY06	302		0.00	13,030.40
S1P1-106	Attach studs for coolant lines	28JUL06	12	14AUG06	01JUN06	302		0.00	15,636.48
S1P1-108	Install cooling/htg lines to vac vsl	15AUG06	24	15SEP06	06JUL06	302		0.00	46,909.44
S1P1-109	Verify Instl of H/C lines,headers,manifolds	18SEP06	5	22SEP06		302		0.00	0.00
S1P1-110	Install local I&C (incl thermocouples)	25SEP06	7	03OCT06		302		0.00	0.00
S1P1-111	Verify installation of local I&C	04OCT06	3	06OCT06		302		0.00	0.00
S1P1-116	Prepare and transfer completed VV to holding	09OCT06	3	11OCT06	11JUL06	302		0.00	5,991.84
Stage 1 VV Prep (instl diag & insul)FP#2									
S1P2-101	Receive VV and inspect	16MAY06	1	16MAY06	02MAR06	368		0.00	7,818.24
S1P2-101A	Prep for mounting on fixture,Instl flanges	17MAY06	3	19MAY06		368		0.00	0.00



Run Date **20FEB06 14:13**

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
ECP-39 Baseline

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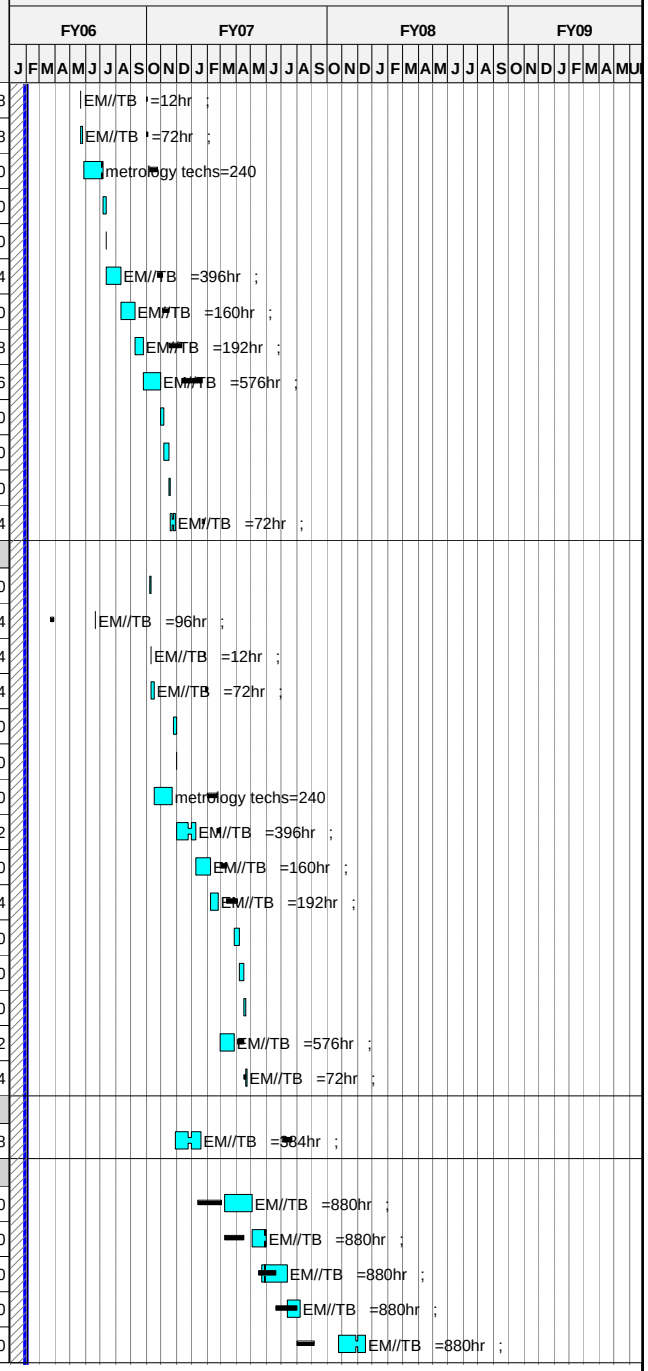
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
S1P2-102	Mount VV on VV Prep fixture (top side up)	22MAY06	1	22MAY06	02OCT06	368		0.00	977.28
S1P2-103	Establish metrology setting; align VV base	23MAY06	4	26MAY06	06OCT06	368		0.00	5,863.68
S1P2-103.1	Layout diagnostic&coolant paths on vessel	30MAY06	26	05JUL06	24OCT06	368		0.00	19,545.60
S1P2-104	Install heater tape on vertical ports	06JUL06	4	11JUL06		368		0.00	0.00
S1P2-105	Verify installation of heater tapes	12JUL06	1	12JUL06		368		0.00	0.00
S1P2-107	Wind magnetic diagnostic sensors	13JUL06	20	09AUG06	01NOV06	368		0.00	32,250.24
S1P2-107.1	Loop termination & verification	10AUG06	22	08SEP06	15NOV06	368		0.00	13,030.40
S1P2-106	Attach studs forcoolant lines	11SEP06	12	26SEP06	11DEC06	368		0.00	15,636.48
S1P2-108	Install cooling/htg lines to vac vsl	27SEP06	24	30OCT06	22JAN07	368		0.00	47,806.56
S1P2-109	Verify Instl of H/C lines,headers,manifolds	31OCT06	5	06NOV06		368		0.00	0.00
S1P2-110	Install local I&C (incl thermocouples)	07NOV06	7	15NOV06		368		0.00	0.00
S1P2-111	Verify installation of local I&C	16NOV06	3	20NOV06		368		0.00	0.00
S1P2-116	Prepare and transfer completed VV to holding	21NOV06	3	27NOV06	25JAN07	368		0.00	5,991.84
Stage 1 VV Prep (instl diag & insul)FP#3									
S1P3-101A	Prep for mounting on fixture,Instl flanges	09OCT06	3	11OCT06		302		0.00	0.00
S1P3-101	Receive VV and inspect	20JUN06	1	20JUN06	27MAR06	379		0.00	7,818.24
S1P3-102	Mount VV on VV Prep fixture (top side up)	12OCT06	1	12OCT06	26JAN07	302		0.00	998.64
S1P3-103	Establish metrology setting; align VV base	13OCT06	4	18OCT06	01FEB07	302		0.00	5,991.84
S1P3-104	Install heater tape on vertical ports	27NOV06	4	30NOV06		302		0.00	0.00
S1P3-105	Verify installation of heater tapes	01DEC06	1	01DEC06		302		0.00	0.00
S1P3-103.1	Layout diagnostic&coolant paths on vessel	19OCT06	25	22NOV06	19FEB07	302		0.00	19,972.80
S1P3-107	Wind magnetic diagnostic sensors	04DEC06	20	08JAN07	27FEB07	302		0.00	32,955.12
S1P3-107.1	Loop termination & verification	09JAN07	22	07FEB07	13MAR07	302		0.00	13,315.20
S1P3-106	Attach studs forcoolant lines	08FEB07	12	23FEB07	04APR07	302		0.00	15,978.24
S1P3-109	Verify Instl of H/C lines,headers,manifolds	30MAR07	5	05APR07		302		0.00	0.00
S1P3-110	Install local I&C (incl thermocouples)	06APR07	7	16APR07		302		0.00	0.00
S1P3-111	Verify installation of local I&C	17APR07	3	19APR07		302		0.00	0.00
S1P3-108	Install cooling/htg lines to vac vsl	26FEB07	24	29MAR07	16APR07	302		0.00	47,934.72
S1P3-116	Prepare and transfer completed VV to holding	20APR07	3	24APR07	19APR07	302		0.00	5,991.84
Spool pieces (3) (spacers)									
S1SP-101	Attachdiagnostics, studs and coolant lines	28NOV06	32	18JAN07	23JUL07	499		0.00	31,956.48
Stage 2 MC Subassemble & align (6 MC together)									
S2P1-100	Assemble Mod-Coils A1/A2, B1/B2	09MAR07	40	03MAY07	01MAR07	160		0.00	73,233.60
S2P1-200	Assemble Mod-Coils C1/C2	04MAY07	20	01JUN07	16APR07	160		0.00	73,233.60
S2P2-100	Assemble Mod-Coils A3/A4, B3/B4	22MAY07	36	11JUL07	21JUN07	206		0.00	73,233.60
S2P2-200	Assemble Mod-Coils C3/C4	12JUL07	18	06AUG07	30JUL07	206		0.00	73,233.60
S2P3-100	Assemble Mod-Coils A5/A6, B5/B6	25OCT07	36	17DEC07	05SEP07	122		0.00	75,204.80



Run Date 20FEB06 14:13

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
ECP-39 Baseline

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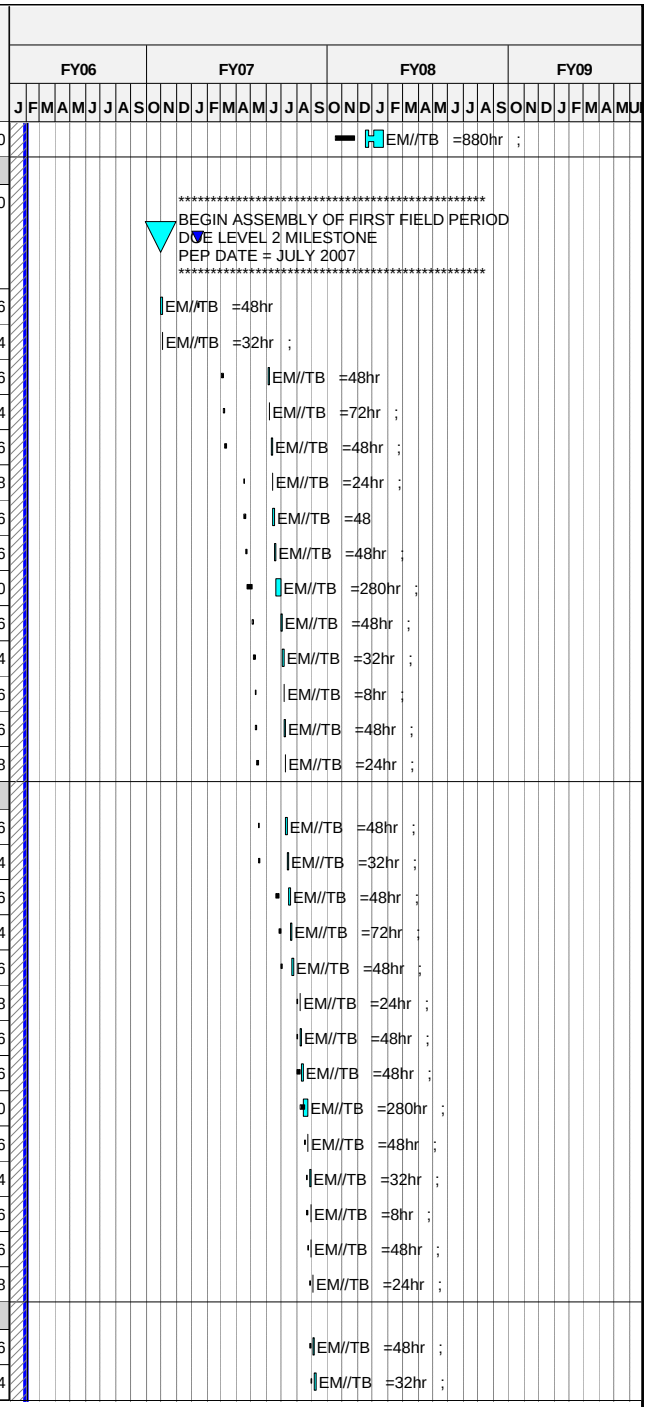
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
S2P3-200	Assemble Mod-Coils C5/C6	18DEC07	18	21JAN08	23NOV07	122		0.00	75,204.80
Stage 3 MC Instl (rotate MC over Vsl)-FP#1									
S3P1-000	Begin Assembly of First Field Period Assy	31OCT06	0			301		0.00	0.00
S3P1-101	VV to MC turning fixt base; metr check	31OCT06	2	01NOV06	15JAN07	301		0.00	3,994.56
S3P1-101.1	Attach local protective strips to VV&locate	02NOV06	2	03NOV06	17JAN07	301		0.00	2,663.04
S3P1-102	Mount MC on crane; perform metr checks	04JUN07	2	05JUN07	05MAR07	160		0.00	3,994.56
S3P1-103	Rotate right MC to stand-off position&chk	06JUN07	3	08JUN07	08MAR07	160		0.00	5,991.84
S3P1-104	Transfer load to sprt sys and recheck position	11JUN07	2	12JUN07	12MAR07	160		0.00	3,994.56
S3P1-105	Move MC turning fixt; mount MC on crane	13JUN07	1	13JUN07	17APR07	160		0.00	1,997.28
S3P1-106	Rotate left MC to stand-off position and check	14JUN07	2	15JUN07	19APR07	160		0.00	3,994.56
S3P1-107	Move left & right MC to final position &	18JUN07	2	19JUN07	23APR07	160		0.00	3,994.56
S3P1-108	Install shims (as reqd); ream 24 holes	20JUN07	7	28JUN07	02MAY07	160		0.00	23,301.60
S3P1-109	Bolt together at flange interface.	29JUN07	2	02JUL07	04MAY07	160		0.00	3,994.56
S3P1-110	Perform final metrology position check	03JUL07	2	04JUL07	08MAY07	160		0.00	2,663.04
S3P1-110.1	Remove temp interference strips&sensors	05JUL07	1	05JUL07	09MAY07	160		0.00	665.76
S3P1-111	Secure VV to MC's using temporary supports.	06JUL07	2	09JUL07	11MAY07	160		0.00	3,994.56
S3P1-112	Prep& xfr completed assembly to Stage 4 area	10JUL07	1	10JUL07	14MAY07	160		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	11JUL07	2	12JUL07	16MAY07	214		0.00	3,994.56
S3P2-101.1	Attach local protective strips to VV&locate	13JUL07	2	16JUL07	18MAY07	214		0.00	2,663.04
S3P2-102	Mount MC on crane; perform metr checks	17JUL07	2	18JUL07	25JUN07	214		0.00	3,994.56
S3P2-103	Rotate right MC to stand-off position&chk	19JUL07	3	23JUL07	28JUN07	214		0.00	5,991.84
S3P2-104	Transfer load to supt sys and recheck position	24JUL07	2	25JUL07	02JUL07	214		0.00	3,994.56
S3P2-105	Move MC turning fixt; mount MC on crane	07AUG07	1	07AUG07	31JUL07	206		0.00	1,997.28
S3P2-106	Rotate left MC to stand-off position and check	08AUG07	2	09AUG07	02AUG07	206		0.00	3,994.56
S3P2-107	Move left & right MC to final position &	10AUG07	2	13AUG07	06AUG07	206		0.00	3,994.56
S3P2-108	Install shims (as reqd); ream 24 holes	14AUG07	7	22AUG07	15AUG07	206		0.00	23,301.60
S3P2-109	Bolt together at flange interface.	23AUG07	2	24AUG07	17AUG07	206		0.00	3,994.56
S3P2-110	Perform final metrology position check	27AUG07	2	28AUG07	21AUG07	206		0.00	2,663.04
S3P2-110.1	Remove temp interference strips&sensors	29AUG07	1	29AUG07	22AUG07	206		0.00	665.76
S3P2-111	Secure VV to MC's using temporary supports.	30AUG07	2	31AUG07	24AUG07	206		0.00	3,994.56
S3P2-112	Prep& xfr completed assembly to Stage 4 area	03SEP07	1	03SEP07	27AUG07	206		0.00	1,997.28
Stage 3 MC Instl (rotate MC over Vsl)-FP#3									
S3P3-101	Mount VV to MC turning fixt base; metr check	04SEP07	2	05SEP07	29AUG07	209		0.00	3,994.56
S3P3-101.1	Attach local protective strips to VV&locate	06SEP07	2	07SEP07	31AUG07	209		0.00	2,663.04



Run Date **20FEB06 14:13**

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX

Status through FEBRUARY 1st

ECP-39 Baseline

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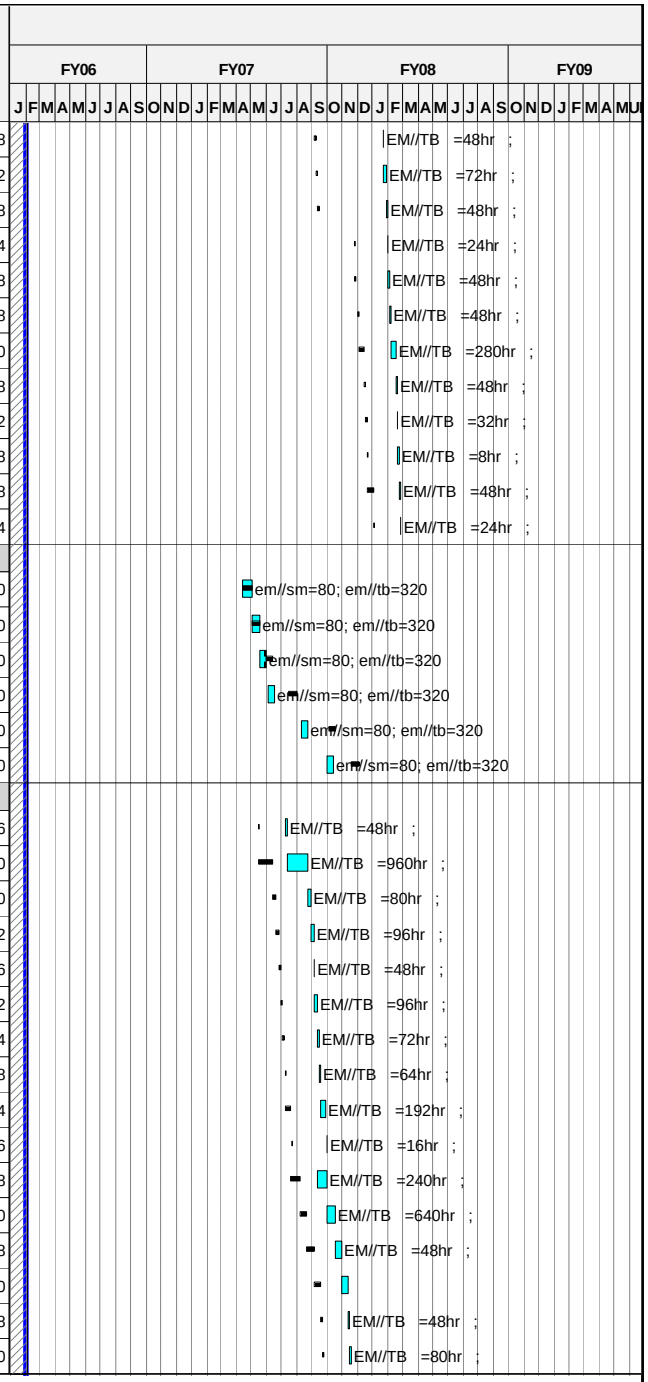
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
S3P3-102	Mount MC on crane; perform metr checks	22JAN08	2	23JAN08	07SEP07	122		0.00	4,102.08
S3P3-103	Rotate right MC to stand-off position&chk	24JAN08	3	28JAN08	12SEP07	122		0.00	6,153.12
S3P3-104	Transfer load to supt sysand recheck position	29JAN08	2	30JAN08	14SEP07	122		0.00	4,102.08
S3P3-105	Move MC turning fixt; mount MC on crane	31JAN08	1	31JAN08	26NOV07	122		0.00	2,051.04
S3P3-106	Rotate left MC to stand-off position and check	01FEB08	2	04FEB08	28NOV07	122		0.00	4,102.08
S3P3-107	Move left & right MC to final position &	05FEB08	2	06FEB08	04DEC07	122		0.00	4,102.08
S3P3-108	Install shims (as reqd); ream 24 holes	07FEB08	7	15FEB08	13DEC07	122		0.00	23,928.80
S3P3-109	Bolt together at flange interface.	18FEB08	2	19FEB08	17DEC07	122		0.00	4,102.08
S3P3-110	Perform final metrology position check	20FEB08	2	21FEB08	19DEC07	122		0.00	2,734.72
S3P3-110.1	Remove temp interference strips&sensors	22FEB08	1	22FEB08	20DEC07	122		0.00	683.68
S3P3-111	Secure VV to MC's using temporary supports.	25FEB08	2	26FEB08	02JAN08	122		0.00	4,102.08
S3P3-112	Prep& xfr completed assembly to Stage 4 area	27FEB08	1	27FEB08	03JAN08	122		0.00	2,051.04
Station 5 - TF HP Pre-Assy (bolt 3 TF together)									
184-100	Assemble 3 TF coils&structure -Left-Period #1	13APR07	15	03MAY07	03MAY07	262		0.00	37,110.40
184-105	Assemble 3 TF coils&structure -Right -Period	04MAY07	10	17MAY07	17MAY07	262		0.00	37,110.40
184-110	Assemble 3 TF coils&structure -Left-Period #2	18MAY07	10	01JUN07	13JUN07	301		0.00	37,110.40
184-115	Assemble 3 TF coils&structure -Right -Period	04JUN07	10	15JUN07	30JUL07	301		0.00	37,110.40
184-120	Assemble 3 TF coils&structure -Left -Period #3	10AUG07	10	23AUG07	17OCT07	271		0.00	37,110.40
184-125	Assemble 3 TF coils&structure -Right -Period	02OCT07	10	15OCT07	05DEC07	245		0.00	38,108.80
Stage 4 - Final FP Assy (Instl ports & TF's)FP#1									
S4P1-101	Mount MC/VV assembly to support frame a	11JUL07	2	12JUL07	16MAY07	185		0.00	3,994.56
S4P1-102	Position and weld all ports to VV	13JUL07	30	23AUG07	14JUN07	185		0.00	79,891.20
S4P1-103	Inspect Welds	24AUG07	5	30AUG07	21JUN07	185		0.00	6,657.60
S4P1-104	Assemble left TF Coil Assembly check position	31AUG07	3	04SEP07	26JUN07	185		0.00	7,989.12
S4P1-105	Change platforms	05SEP07	2	06SEP07	28JUN07	185		0.00	3,994.56
S4P1-106	Assemble right TF Coil Assembly chk position	07SEP07	3	11SEP07	03JUL07	185		0.00	7,989.12
S4P1-107	Attach TF coils to MC's	12SEP07	3	14SEP07	06JUL07	185		0.00	5,991.84
S4P1-108	Change platforms	17SEP07	2	18SEP07	10JUL07	186		0.00	5,326.08
S4P1-109	Position, weld two large horizontal diag ports	19SEP07	8	28SEP07	20JUL07	186		0.00	15,978.24
S4P1-110	Inspect Welds	01OCT07	1	01OCT07	23JUL07	186		0.00	1,367.36
S4P1-111	Assemble external trim coils to TF Coil	12SEP07	15	02OCT07	07AUG07	185		0.00	20,044.48
S4P1-112	Close up VV, leak check	03OCT07	10	16OCT07	21AUG07	185		0.00	54,694.40
S4P1-113	Adjust final support base interfaces	17OCT07	10	30OCT07	04SEP07	185		0.00	4,102.08
S4P1-113.5	Final metrology outside & inside	31OCT07	10	13NOV07	18SEP07	185		0.00	0.00
S4P1-114	Prepare Field Period for shipment	14NOV07	2	15NOV07	20SEP07	185		0.00	4,102.08
S4P1-115	Transfer completed assy to C-site test cell	16NOV07	2	19NOV07	24SEP07	185		0.00	6,836.80



Run Date **20FEB06 14:13**

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX

Status through FEBRUARY 1st

ECP-39 Baseline

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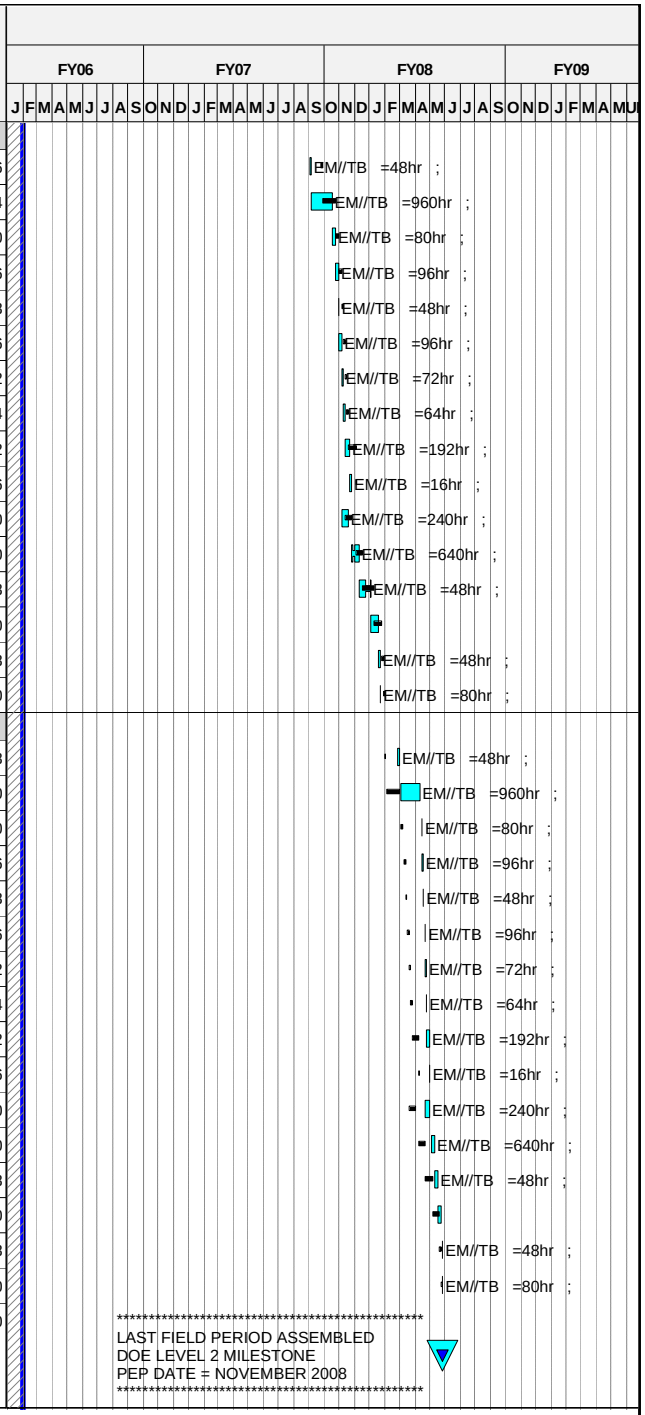
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
Stage 4 - Final FP Assy (Instl ports & TF's)FP#2									
S4P2-101	Mount MC/VV assembly to support frame a	**04SEP07**	2	**05SEP07**	26SEP07	**206**		**0.00**	3,994.56
S4P2-102	Position and weld all ports to VV	**06SEP07**	30	**17OCT07**	24OCT07	**206**		**0.00**	80,823.04
S4P2-103	Inspect Welds	**18OCT07**	5	**24OCT07**	31OCT07	**206**		**0.00**	6,836.80
S4P2-104	Assemble left TF Coil Assembly check position	**25OCT07**	3	**29OCT07**	05NOV07	**206**		**0.00**	8,204.16
S4P2-105	Change platforms	**30OCT07**	2	**31OCT07**	07NOV07	**206**		**0.00**	4,102.08
S4P2-106	Assemble right TF Coil Assembly chk position	**01NOV07**	3	**05NOV07**	12NOV07	**206**		**0.00**	8,204.16
S4P2-107	Attach TF coils to MC's	**06NOV07**	3	**08NOV07**	15NOV07	**206**		**0.00**	6,153.12
S4P2-108	Change platforms	**09NOV07**	2	**12NOV07**	19NOV07	**206**		**0.00**	5,469.44
S4P2-109	Position, weld two large horizontal diag ports	**13NOV07**	8	**22NOV07**	03DEC07	**206**		**0.00**	16,408.32
S4P2-110	Inspect Welds	**23NOV07**	1	**23NOV07**	04DEC07	**206**		**0.00**	1,367.36
S4P2-111	Assemble external trim coils to TF Coil	**06NOV07**	10	**19NOV07**	26NOV07	**210**		**0.00**	20,510.40
S4P2-112	Close up VV, leak check	**26NOV07**	10	**11DEC07**	18DEC07	**206**		**0.00**	54,694.40
S4P2-113	Adjust final support base interfaces	**12DEC07**	10	**03JAN08**	10JAN08	**206**		**0.00**	4,102.08
S4P2-113.5	Final metrology outside & inside	**04JAN08**	10	**17JAN08**	24JAN08	**206**		**0.00**	0.00
S4P2-114	Prepare Field Period for shipment	**18JAN08**	2	**21JAN08**	28JAN08	**206**		**0.00**	4,102.08
S4P2-115	Transfer completed assy to C-site test cell	**22JAN08**	2	**23JAN08**	30JAN08	**206**		**0.00**	6,836.80
Stage 4 - Final FP Assy (Instl ports & TF's)FP#3									
S4P3-101	Mount MC/VV assembly to support frame a	**28FEB08**	2	**29FEB08**	01FEB08	**122**		**0.00**	4,102.08
S4P3-102	Position and weld all ports to VV*2 shift*	**03MAR08**	30	**11APR08**	29FEB08	**122**		**0.00**	82,041.60
S4P3-103	Inspect Welds	**14APR08**	3	**16APR08**	07MAR08	**122**		**0.00**	6,836.80
S4P3-104	Assemble left TF Coil Assembly check position	**17APR08**	1	**17APR08**	12MAR08	**122**		**0.00**	8,204.16
S4P3-105	Change platforms	**18APR08**	1	**18APR08**	14MAR08	**122**		**0.00**	4,102.08
S4P3-106	Assemble right TF Coil Assembly chk position	**21APR08**	2	**22APR08**	19MAR08	**122**		**0.00**	8,204.16
S4P3-107	Attach TF coils to MC's	**23APR08**	1	**23APR08**	24MAR08	**122**		**0.00**	6,153.12
S4P3-108	Change platforms	**24APR08**	1	**24APR08**	26MAR08	**123**		**0.00**	5,469.44
S4P3-109	Position, weld two large horizontal diag ports	**25APR08**	4	**30APR08**	07APR08	**123**		**0.00**	16,408.32
S4P3-110	Inspect Welds	**01MAY08**	1	**01MAY08**	08APR08	**123**		**0.00**	1,367.36
S4P3-111	Assemble external trim coils to TF Coil	**23APR08**	8	**02MAY08**	02APR08	**122**		**0.00**	20,510.40
S4P3-112	Close up VV, leak check	**05MAY08**	5	**09MAY08**	22APR08	**122**		**0.00**	54,694.40
S4P3-113	Adjust final support base interfaces	**12MAY08**	5	**16MAY08**	06MAY08	**122**		**0.00**	4,102.08
S4P3-113.5	Final metrology outside & inside	**19MAY08**	5	**23MAY08**	20MAY08	**122**		**0.00**	0.00
S4P3-114	Prepare Field Period for shipment	**26MAY08**	1	**26MAY08**	22MAY08	**122**		**0.00**	4,102.08
S4P3-115	Transfer completed assy to C-site test cell	**27MAY08**	1	**27MAY08**	26MAY08	**122**		**0.00**	6,836.80
S4P3-115X	Last field period assembled		0	**27MAY08**	26MAY08	**122**		**0.00**	0.00



Run Date **20FEB06 14:13**

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
ECP-39 Baseline

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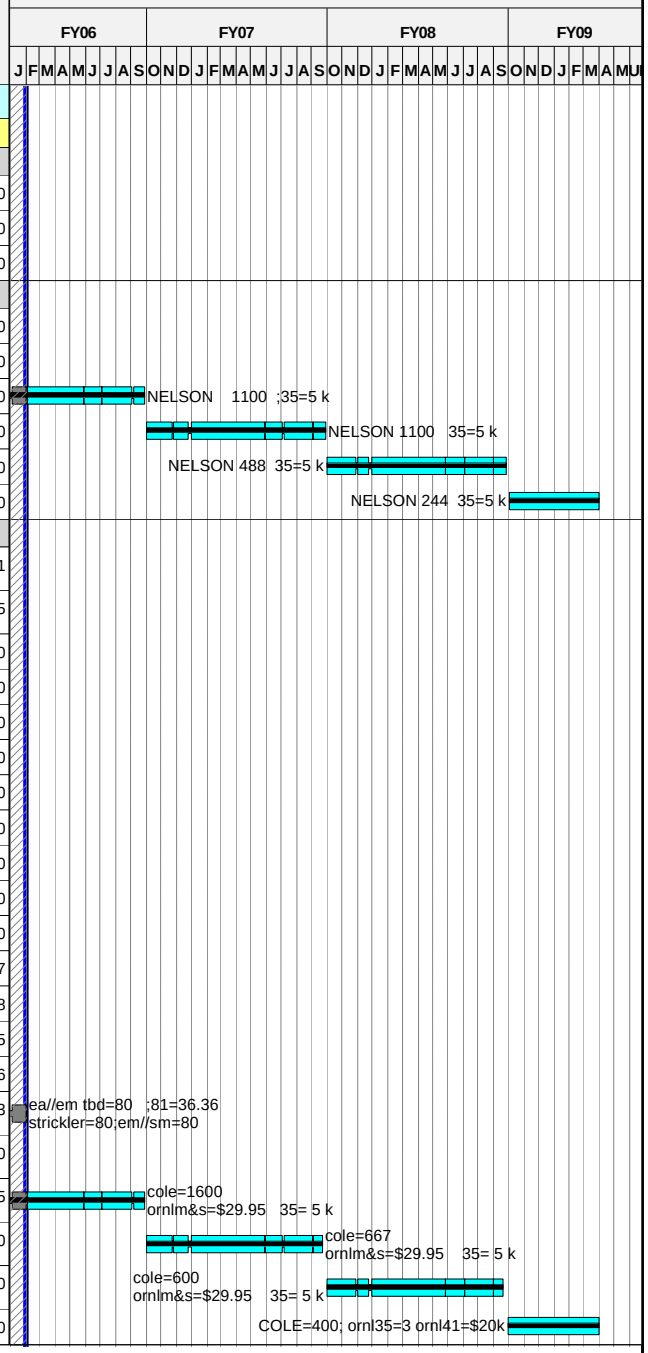
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
19 - Stellarator Core Management and Integration									
Job: 1901 - Stellarator Core Mngtt&Integr-NELSON									
Prior Costs									
1901-002	Apr-Sept MIE Costs ORNL	01APR03A	248	30SEP03A	30SEP03A		100	187,090.00	187,090.00
1901-003	Apr-Sept MIE Costs PPPL	01APR03A	248	30SEP03A	30SEP03A		100	67,070.00	67,070.00
1901-ECP16	ecp16	01OCT03A	250*	30SEP04A	30SEP04A		LOE	30,000.00	30,000.00
191 - Stellarator Core Management & Oversight									
191-4	LOE-FY04 WBS 191-4 Management Activities	01OCT03A	250*	30SEP04A	30SEP04A		LOE	101,500.00	101,500.00
0191-5	LOE-FY05 WBS 191	01OCT04A	249*	30SEP05A	30SEP05A		LOE	175,500.00	175,500.00
0191-6	LOE-FY06 WBS 191	03OCT05A	249*	29SEP06	29SEP06	514	LOE	62,694.36	197,774.00
0191-6X	LOE-FY07 WBS 191	03OCT06*	247	27SEP07	27SEP07	513	LOE	0.00	201,498.00
0191-7	LOE-FY08 WBS 191	03OCT07*	247	26SEP08	26SEP08	263	LOE	0.00	99,976.00
191-8	LOE-FY089 WBS 191	03OCT08*	130	02APR09	02APR09	129	LOE	0.00	51,804.00
192 - Stellarator Core Integration & Analysis									
192-4	LOE-FY05 WBS 192-4 Design Integration	01OCT03A	250*	30SEP04A	30SEP04A		LOE	234,660.11	234,660.11
192-5	LOE-FY05 WBS 192-5 VV & Coil Services	01OCT03A	250*	30SEP04A	30SEP04A		LOE	36,676.65	36,676.65
192-6	LOE-FY05 WBS 192-6 Integrated Analysis	01OCT03A	271	30SEP04A	30SEP04A		LOE	42,333.00	42,333.00
192-6.07	Time constant calcs using SPARK	01APR04A	42*	28MAY04A	28MAY04A		100	6,180.00	6,180.00
192-6.08	Indep check time constant calcs using	01MAY04A	138*	30SEP04A	30SEP04A		100	10,295.20	10,295.20
192-6.09	Revised VV geometry	02FEB04A	6	27FEB04A	27FEB04A		100	3,090.00	3,090.00
192-6.10	MC interf during assly, geometry, assly trajecto	02FEB04A	31	27FEB04A	27FEB04A		100	32,957.60	32,957.60
192-6.11	Range of motion reqts for Assly MC fixture.	02FEB04A	20	27FEB04A	27FEB04A		100	17,507.60	17,507.60
192-6.12	Final Check & Verification	01MAY04A	6	28MAY04A	28MAY04A		100	3,708.00	3,708.00
192-6.2	Final Mod Coil Trajectories		0	27FEB04A	27FEB04A			0.00	0.00
192-6.5	Structural Design criteria		0	28MAY04A	28MAY04A		100	0.00	0.00
192-6.01	Document coil tolerance and trim coil	01MAR04A	357*	29JUL05A	29JUL05A		100	19,284.37	19,284.37
192-6.02	Check critical coil tolerance calculations.	01APR04A	207*	31JAN05A	31JAN05A		100	11,098.48	11,098.48
192-6.03	Method for determining current center	01FEB04A	234*	30DEC04A	30DEC04A		100	86,626.35	86,626.35
192-6.06	Coil positions to minimize islands.	02FEB04A	270	28FEB05A	28FEB05A		100	66,401.76	66,401.76
192-6.031	Demo Method for current center on TRC	18JUN05A	153*		21OCT05		90	65,042.04	72,268.93
0192-5	LOE-FY05 WBS 192	01OCT04A	249*	30SEP05A	30SEP05A		LOE	280,350.00	280,350.00
0192-6	LOE-FY06 WBS 192	03OCT05A	249*	29SEP06	29SEP06	519	LOE	99,056.62	312,481.45
0192-6X	LOE-FY07 WBS 192	03OCT06*	242	20SEP07	20SEP07	518	LOE	0.00	158,033.60
0192-7	LOE-FY08 WBS 192	03OCT07*	242	19SEP08	19SEP08	268	LOE	0.00	151,531.40
0192-99	LOE-FY09	01OCT08*	130	31MAR09	31MAR09	131	LOE	0.00	101,860.00



Run Date **20FEB06 14:13**

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX

Status through FEBRUARY 1st

ECP-39 Baseline

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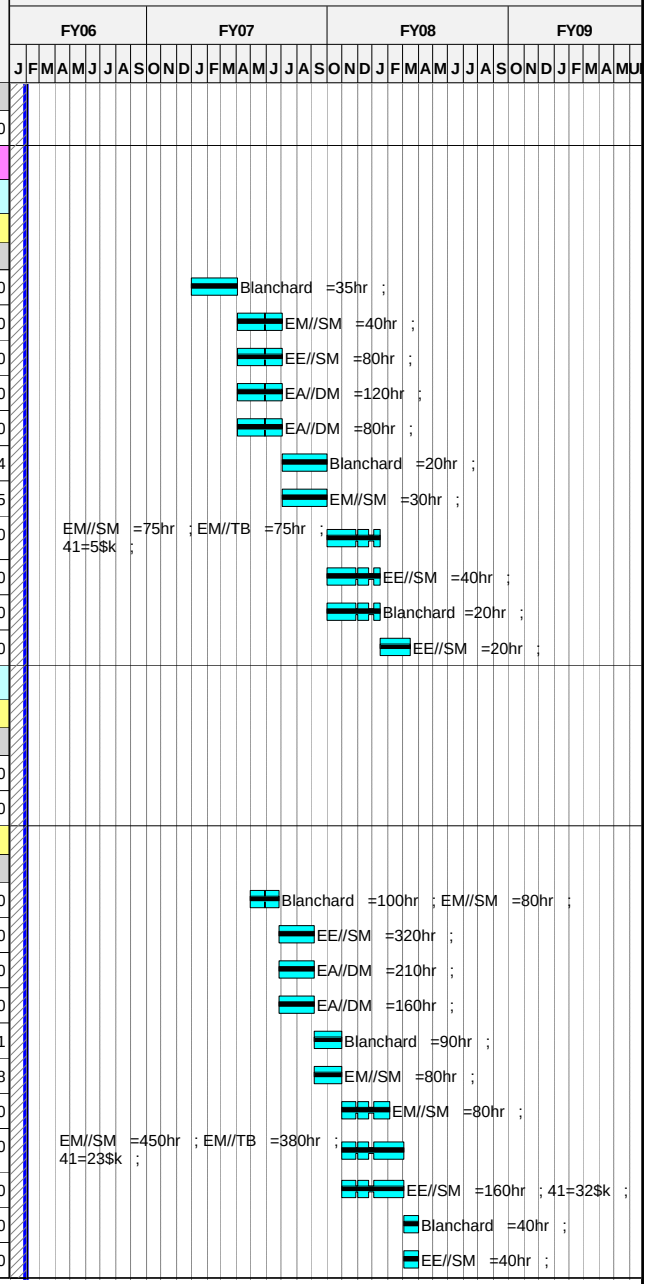
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
FY05CV-31	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			9,000.00	9,000.00
2 - Plasma Heating, Fueling & Vac Systems									
21 - Fueling Systems									
Job: 2101 - Fueling Systems									
ECP 16 October 2004									
21-10	Eng. Work Planning and Design	02JAN07*	65	02APR07	02APR07	227		0.00	6,205.50
21-15	Design Gas Handling Hardware	03APR07	65	03JUL07	03JUL07	227		0.00	5,240.00
21-20	Design PLC Controls	03APR07	65	03JUL07	03JUL07	292		0.00	10,353.60
21-25	Electrical Drafting for pumping system	03APR07	65	03JUL07	03JUL07	292		0.00	14,203.20
21-30	Drafting	03APR07	65	03JUL07	03JUL07	292		0.00	9,468.80
21-35	Eng. Work Planning and Design during fab	04JUL07	65	02OCT07	02OCT07	292		0.00	3,548.94
21-40	Fabrication/Install Hardware	04JUL07	65	02OCT07	02OCT07	227		0.00	3,933.25
21-45	Fabrication/installation	03OCT07	65	14JAN08	14JAN08	227		0.00	23,523.50
21-55	Install PLC Controls	03OCT07	65	14JAN08	14JAN08	227		0.00	5,316.40
21-60	Integrated Systems Testing/Eng	03OCT07	65	14JAN08	14JAN08	227		0.00	3,641.60
21-65	Integrated Systems Testing/Tech Support	15JAN08	45	17MAR08	17MAR08	227		0.00	2,658.20
22 - Torus Vacuum Pumping Systems									
Job: 2001-VPS,Gas& Cond Sys Oversight-BLANCHARD									
Prior Costs									
2001-001	Apr-May MIE Cost	01APR03A	43*	30MAY03A	30MAY03A		100	38,000.00	38,000.00
2001-100	PDR Support	01JUN03A	164*	30SEP03A	30SEP03A		LOE	25,667.20	25,667.20
Job: 2201 - Vacuum Pumping Systems									
22-25	Eng. Work Planning and Design	01MAY07*	40	26JUN07	26JUN07	230		0.00	28,210.00
22-30	Design PLC based control system	27JUN07	50	04SEP07	04SEP07	270		0.00	41,414.40
22-35	Electrical Drafting for pumping system	27JUN07	50	04SEP07	04SEP07	290		0.00	24,855.60
22-40	Drafting	27JUN07	50	04SEP07	04SEP07	230		0.00	18,937.60
22-45	Eng. Work Planning and Design during fab	05SEP07	40	30OCT07	30OCT07	250		0.00	16,193.61
22-50	Perform maint. & repair of pmpg sys	05SEP07	40	30OCT07	30OCT07	230		0.00	10,634.88
22-55	Repair and Calibration of vac instrumentation	31OCT07	60	04FEB08	04FEB08	250		0.00	10,761.60
22-60	Fabrication/installation	31OCT07	80	03MAR08	03MAR08	230		0.00	125,323.80
22-65	Fab PLC conrols	31OCT07	80	03MAR08	03MAR08	230		0.00	66,225.60
22-70	Integrated Systems Testing/Eng	04MAR08	20	31MAR08	31MAR08	230		0.00	7,283.20
22-75	Integrated Systems Testing/Tech Support	04MAR08	20	31MAR08	31MAR08	230		0.00	5,316.40



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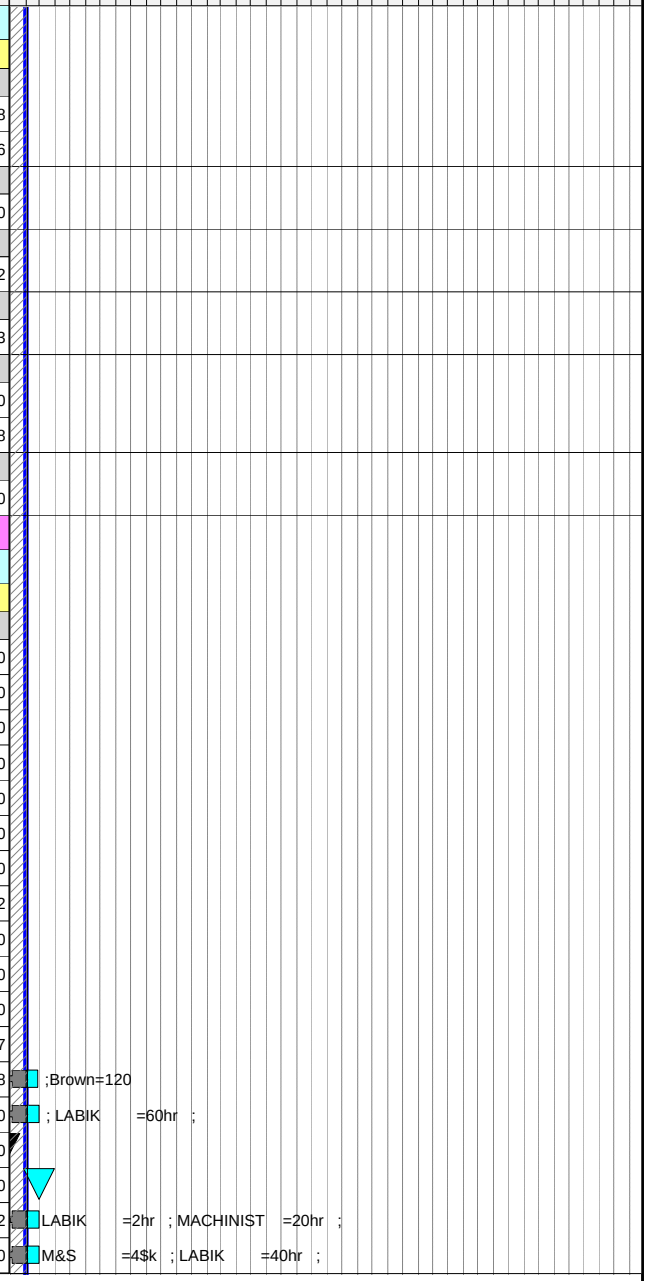
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
25 - Neutral Beam Injection System									
Job: 2501 - Neutral Beam Refurbishment-STEVENSON									
FY04 Work Plan									
2501-014	FY04 work accomplished	03NOV03A	227	30JUN04A	30JUN04A			81,334.78	81,334.78
2501-014.1	FY04 work closeout *TBD*	01JUL04A	64*	30SEP04A	30SEP04A		LOE	48,614.06	48,614.06
Prior Costs									
2501-001	Apr-Sept MIE Cost	01APR03A	43*	30SEP03A	30SEP03A		100	123,000.00	123,000.00
RefurbishmentCD-3 deleted scope**									
25-099	FY04 work accomplished	01MAR04A	846*	30JUN04A	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	30JUN04A			2,060.33	2,060.33
Re-Install CablesCD-3 deleted scope**									
25-225.1	Cabling-Design & WP Procedures	01APR04A	872*	30JUN04A	30JUN04A			4,812.60	4,812.60
25-230.1	Cabling-Fabr and Install new Junction Box	02JUN04A	190	30JUN04A	30JUN04A			727.68	727.68
Beamline ConnectionsCD-3 deleted scope**									
25-310.1	Drafting Labor Support	01JUN04A	298	30JUN04A	30JUN04A			2,433.60	2,433.60
3 - Diagnostics									
31 - Magnetic Diagnostics									
Job: 3101 Magnetic Diagnostics									
Vacuum Vessel Saddle Loops									
3101-105	DEVELOP LOCATING, MOUNTING	01JAN05A	20	31JAN05A	31JAN05A		100	1,000.00	1,000.00
3101-109	INTEGRATE LOOP AND LEAD DESIGN WITH	01JAN05A	40	28FEB05A	28FEB05A		100	6,416.80	6,416.80
3101-113	INTEGRATE LAYOUT, MEAS NEEDS W/ VSL	01JAN05A	40	28FEB05A	28FEB05A		100	3,208.40	3,208.40
3101-117	DEVELOP CONSTRAINTS FOR ARRAY	01JAN05A	20	31JAN05A	31JAN05A		100	0.00	0.00
3101-121	LAYOUT CANDIDATE SENSOR ARRAY ON	01FEB05A	20	28FEB05A	28FEB05A		100	0.00	0.00
3101-125	PDR PREP -VESSEL SADDLE LOOP	02MAY05A	5	31MAY05A	31MAY05A		100	9,483.60	9,483.60
3101-126	PEER REVIEW -VESSEL SADDLE LOOP		0	31MAY05A	31MAY05A		100	0.00	0.00
3101-129	DESIGN AND PROTOTYPE SADDLE LOOP	01MAR05A	107*	29JUL05A	29JUL05A		100	7,643.52	7,643.52
3101-133	Prototype loops on vsl proto segment using	01MAR05A	107*	29JUL05A	29JUL05A		100	6,189.20	6,189.20
3101-137	FINAL OPTIMIZATION OF LOOP LOCATION,	01JAN05A	193*	30SEP05A	30SEP05A		100	0.00	0.00
3101-149	PREPARE METROLOGY	01JUN05A	87*	31AUG05A	31AUG05A		100	6,416.80	6,416.80
3101-145	Procure MI Cable	26SEP05A	68*	23DEC05A	09DEC05		100	22,182.57	22,182.57
3101-139	Develop ProE model of loops, flat dev, fiducials	26SEP05A	102*	24FEB06	15NOV05	918	95	19,793.61	20,835.38
3101-141	FDR PREP-	01DEC05A	58*	28FEB06	28OCT05	327	50	5,205.30	10,410.60
3101-142	FDR - VESSEL SADDLE LOOP TEMPLATES		0	16DEC05A	28OCT05			0.00	0.00
3101-143	FDR - VESSEL SADDLE LOOP LAYOUT		0	28FEB06*		916		0.00	0.00
3101-153	Fab Installation Templates	01JAN06A	41*	28FEB06	30NOV05	362	20	582.20	2,911.02
3101-146	Procure remaining materials	01OCT05A	99*	28FEB06	01NOV05	895	85	2,484.88	12,424.40



Run Date 20FEB06 14:13

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ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
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0601

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Status through FEBRUARY 1st
ECP-39 Baseline

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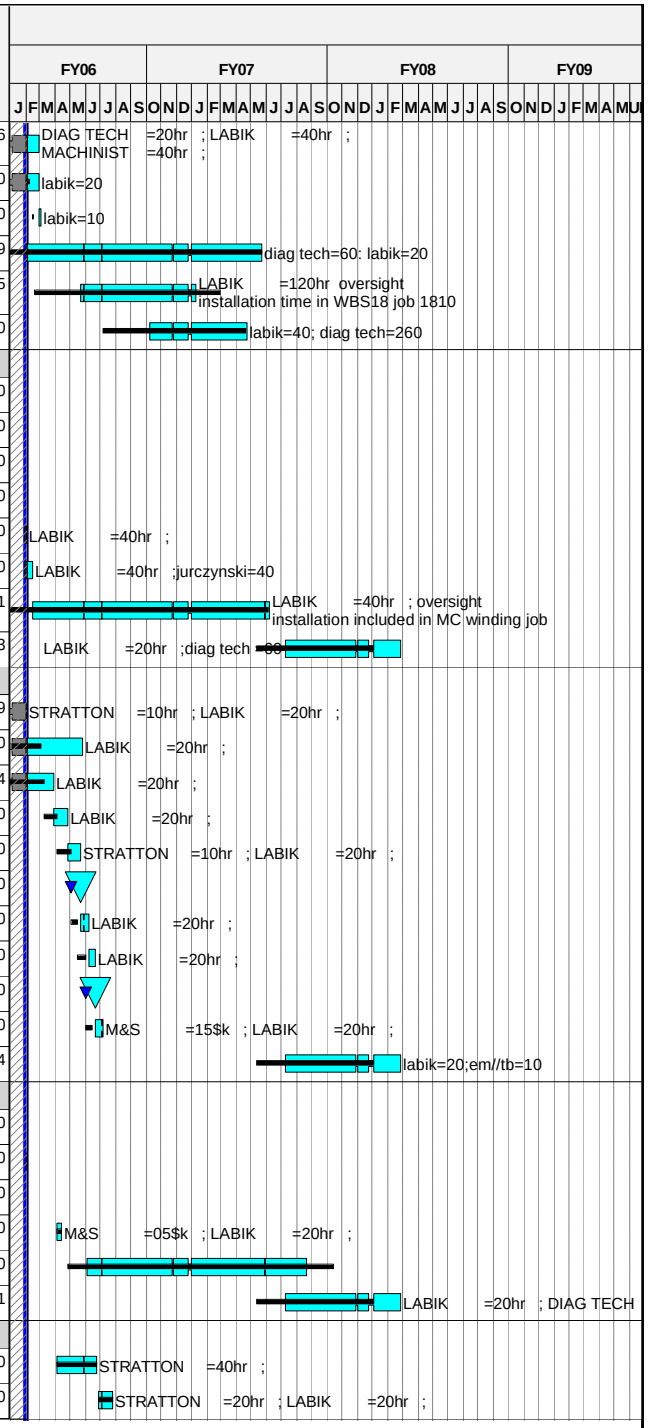
3101-157	Design & fab tooling and clamps	01JUN05A	186*	28FEB06	30NOV05	362	70	7,772.32	12,953.86
3101-167	Design voltage loops	01DEC05A	58*	28FEB06	08FEB06	457	85	1,735.10	3,470.20
3101-169	Voltage loop connection peer review	01MAR06*	1	01MAR06	15FEB06	457		0.00	1,735.10
3101-165	Identify lead wires at multiple locations	01FEB06*	329*	21MAY07	21MAY07	607		0.00	8,444.29
3101-161	SUPT LOOP INSTL 200 LOOPS), TESTING	24MAY06	154*	08JAN07	27FEB07	302		0.00	21,007.25
3101-225	Terminate saddle loops	09OCT06	134*	24APR07	19APR07	302		0.00	28,729.20
Modular Coil C-wound Loops									
3101-205	MOUNTING/LOCATING STRATEGY MC	01JAN05A	20	31JAN05A	31JAN05A		100	3,208.40	3,208.40
3101-209	PROTOTYPE ON TWISTED RACETRACK	01MAR05A	20	31MAR05A	31MAR05A		100	4,741.80	4,741.80
3101-213	DESIGN TERMINATION	01MAR05A	130*	31AUG05A	31AUG05A		100	7,302.40	7,302.40
3101-221	PROCURE MATERIALS	25JUL05A	0*	29JUL05A	29JUL05A		100	6,410.90	6,410.90
3101-217	Peer review of lead routing	31JAN06A	0*	31JAN06A	07NOV05		100	6,940.40	6,940.40
3101-230	Install heat shrink tubing on MI cable	31JAN06A	10	14FEB06	23DEC05	132	4	482.74	12,068.40
3101-229	SUPPORT NSTALLATION, TERMINATION, TESTING	15FEB06	329*	05JUN07	04JUN07	132		0.00	7,017.81
3101-231	Terminate MC co-wound loops	10JUL07	158*	27FEB08	03JAN08	122		0.00	11,598.23
Rogowski Coils									
3101-301	LAYOUT LOCATION ROWGOSKI COIL &EST	01JUN05A	166*	31JAN06A	15DEC05		100	4,924.69	4,924.69
3101-305	work on coil design with vendor	03OCT05A	162*	26MAY06	01MAR06	853	40	1,388.08	3,470.20
3101-309	DESIGN COIL MOUNTING TECHNIQUE	26SEP05A	124*	28MAR06	08MAR06	378	90	3,113.68	3,459.64
3101-313	DESIGN LEAD ROUTING AND TERMINATION	29MAR06*	20	25APR06	05APR06	378		0.00	3,470.20
3101-317	PDR PREP- ROWGOWSKI COIL	26APR06*	20	23MAY06	03MAY06	378		0.00	5,126.10
3101-318	PDR - ROWGOWSKI COIL		0	23MAY06*	03MAY06*	378		0.00	0.00
3101-321	Specify Rogowski Coils	24MAY06*	10	07JUN06	17MAY06	378		0.00	3,470.20
3101-325	FDR PREP ROWGOSKI COIL	08JUN06*	10	21JUN06	01JUN06	378		0.00	3,470.20
3101-326	FDR - ROWGOSKI COIL		0	21JUN06	01JUN06	378		0.00	0.00
3101-329	FAB ROWGOWSKI COILS (2)	22JUN06	10	06JUL06	15JUN06	378		0.00	24,035.20
3101-337	INSTALL COILS AND TERMINATIONS	10JUL07	158*	27FEB08	03JAN08	122		0.00	4,452.14
TF Co-wound Loops									
3101-401	MOUNTING/LOCATING TECHNIQUE TF	25JUL05A	28*	31AUG05A	31AUG05A		100	6,275.20	6,275.20
3101-405	DESIGN TERMINATION N/R	01FEB06	1	01FEB06	03OCT05	935		0.00	0.00
3101-409	FINALIZE LOOP LOCATION/MOUNTING	01AUG05A	20	31AUG05A	31AUG05A		100	6,416.80	6,416.80
3101-417	PROCURE MATERIALS	03APR06*	8	12APR06	12APR06	285		0.00	10,325.20
3101-425	INSTALL HEAT SHRINK CABLE	05JUN06	307*	21AUG07	15OCT07	251		0.00	0.00
3101-429	INSTALL TERMINATIONS	10JUL07	158*	27FEB08	03JAN08	122		0.00	8,683.31
Modular Coil Shell Saddle Loops									
3101-501	DETERMINE NUMEBR AND LOCATION OF	03APR06*	59	23JUN06	23JUN06	774		0.00	6,623.60
3101-505	MOUNTING/LOCATING TECHN MC SHELL	26JUN06	20	24JUL06	24JUL06	774		0.00	6,782.00



Run Date **20FEB06 14:13**

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
ECP-39 Baseline

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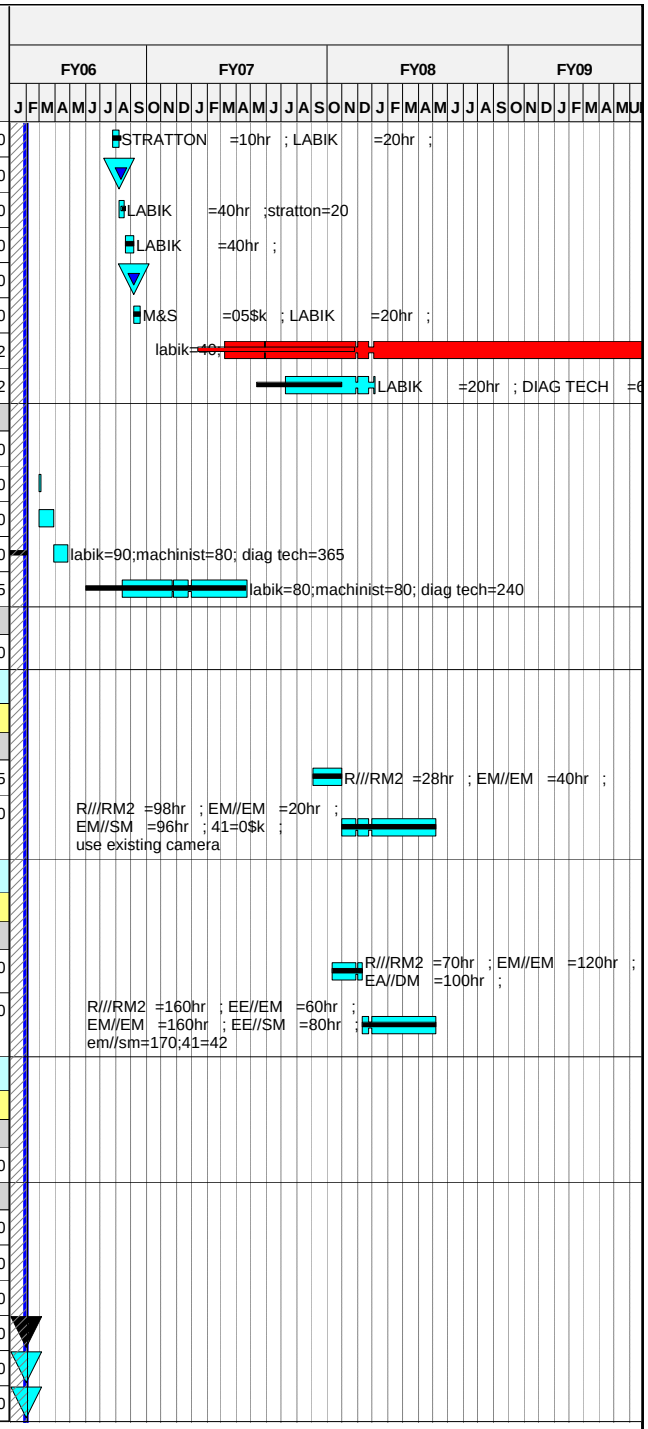
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
3101-513	PDR PREP -MC SHELL SADDLE LOOPS	25JUL06*	11	08AUG06	09AUG06	774		0.00	5,126.10
3101-514	PDR-MC SHELL SADDLE LOOPS		0	08AUG06	09AUG06	774		0.00	0.00
3101-521	FINALIZE LOOP LOCATION/MOUNTING	09AUG06*	8	18AUG06	21AUG06	774		0.00	10,252.20
3101-525	FDR PREP - MC SHELL SADDLE LOOPS	21AUG06	11	04SEP06	05SEP06	774		0.00	6,940.40
3101-526	FDR - MC SHELL SADDLE LOOPS		0	04SEP06	05SEP06	774		0.00	0.00
3101-529	PROCURE MATERIALS	05SEP06	10	18SEP06	19SEP06	774		0.00	10,325.20
3101-533	INSTALL MC SHELL SADDLE LOOPS	09MAR07	659*	30SEP09	23NOV07	0		0.00	7,436.62
3101-537	INSTALL TERMINATIONS	10JUL07	120	04JAN08	29OCT07	160		0.00	8,656.12
Termination Boxes									
3101-333	Complete termination box design & prototyping	26SEP05A	47*	31OCT05A			100	10,833.80	10,833.80
3101-421	FDR of terminations incl in saddle loop FDR	01MAR06*	1	01MAR06	02NOV05	895		0.00	0.00
3101-422	Fab Prototype term. Box	01MAR06*	20	28MAR06		876		0.00	0.00
3101-517	Fab termination boxes (24)	29MAR06	20	25APR06	01FEB06	876		0.00	55,597.50
3101-517A	Install termination boxes	15AUG06	173*	24APR07	19APR07	302		0.00	34,013.25
FY05CV-32	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			30,000.00	30,000.00
36 - Edge and Divertor Diagnostics									
Job: 3601 - Edge and Divertor Diagnostics									
361-001	Design Visible Camera sys	04SEP07	40	29OCT07	29OCT07	186		0.00	11,997.15
361-015	Fab/Assy/Installation Visible Camera	30OCT07*	130	08MAY08	08MAY08	186		0.00	33,584.00
38 - Electron Beam (EB) Mapping									
Job: 3801 - Electron Beam Mapping									
380-010	Designe-Beam Probe,Fluor. Screen	12OCT07	40	10DEC07	10DEC07	186		0.00	46,167.80
380-015	Fab & Install Beam probe	11DEC07*	102	08MAY08	08MAY08	186		0.00	160,029.00
39 - Diagnostics Integration									
Job: 3901 - Diagnostics sys Integration-JOHNSON									
Prior Costs									
390-001	LOE Support FY03	01APR03A	151*	30SEP03A	30SEP03A		100	155,450.00	155,450.00
390-100	Finalize VV ports (number,size,locations)		0	30JUN04A	30JUN04A		100	0.00	0.00
390-110	Resolve port interferences.Final port config		0	30JUN04A	30JUN04A		100	0.00	0.00
390-120	Update port map&revise diag port assignments		0	31OCT05A	30SEP05*		100	0.00	0.00
390-130	Rvw status of existing ICD's w/VV & Mod Coils		0	31JAN06A	30SEP05*		100	0.00	0.00
390-140	Write ICD's-Define external space for		0	31JAN06*	30SEP05*	931	50	0.00	0.00
390-150	Write ICD's-Define space f/racks in cntrl rm		0	31JAN06*	30SEP05*	931	50	0.00	0.00



Run Date 20FEB06 14:13

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
ECP-39 Baseline

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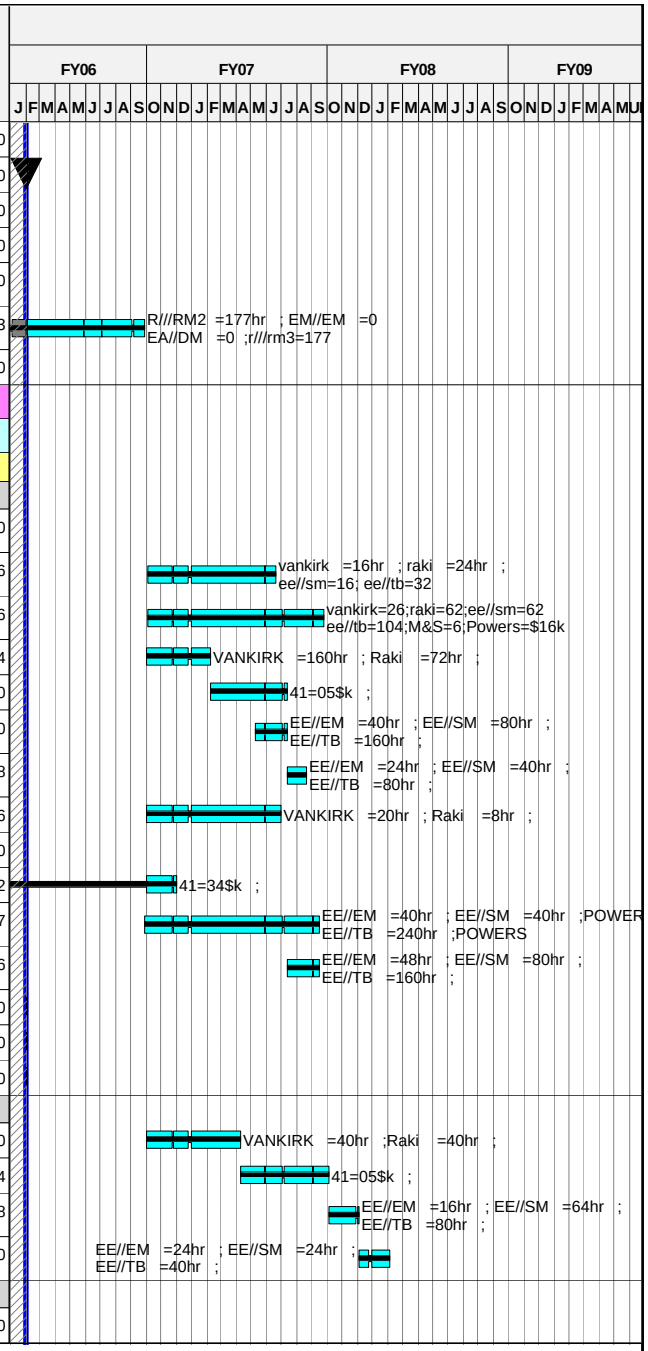
390-160	Start recruiting diag team at HTPD conference		0	30JUN04A	30JUN04A		100	0.00	0.00
390-170	Develop space envelopes for SXR		0	31JAN06A	30SEP05*		100	0.00	0.00
390-180	Hold CDR's co-wound mag sensors&ext		0	31OCT05A	30SEP05*		100	0.00	0.00
390-010	LOE Support FY04	01OCT03A	250*	30SEP04A	30SEP04A		LOE	65,000.00	65,000.00
390-015	LOE Support FY05 **reduced scope	01OCT04A	249*	30SEP05A	30SEP05A		LOE	66,357.30	66,357.30
390-020	LOE Support FY06	03OCT05A	249*	29SEP06	29SEP06	761		22,353.27	70,515.03
FY05CV-33	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	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	30SEP04A		100	8,442.00	8,442.00
4101-100.1	Prepare Preliminary One line diagram	06OCT06*	173	18JUN07	18JUN07	584		0.00	1,076.96
411-1-100	Ex-Test cell AC pwr-Reactivate& new instl	06OCT06*	241	24SEP07	24SEP07	516		0.00	60,631.46
411-2-2	Grounding-Dsn	02OCT06*	86	08FEB07	08FEB07	364		0.00	31,305.04
411-2-4	Grounding-Procure	09FEB07*	107	11JUL07	11JUL07	364		0.00	6,855.00
411-2-6	Grounding-Install	10MAY07*	43	11JUL07	11JUL07	364		0.00	64,912.20
411-2-8	Grounding-Commission	12JUL07*	29	21AUG07	21AUG07	364		0.00	16,005.68
411-3-2	Test Cell AC Power Distr-Dsn	02OCT06*	186	29JUN07	29JUN07	400		0.00	3,741.36
411-3-2.04	Test Cell AC Power fy04	01APR04A	186*	30SEP04A	30SEP04A		100	73,000.00	73,000.00
411-3-4	Test Cell AC Power Distr-Procure(pnls &	01JUL05A	107*	30NOV06	30NOV06	544	20	8,956.74	44,783.72
411-3-6	Test Cell AC Power Distr-Install	28SEP06*	358	14SEP07	14SEP07	347	50	15,246.14	30,492.27
411-3-8	Test Cell AC Power Distr-Commission	13JUL07*	45	14SEP07	14SEP07	347		0.00	32,011.36
411-4-2	Standby Power for Cryo Sys -Dsn	01FEB06	0	31JAN06	30SEP05	931		0.00	0.00
411-4-4	Standby Power for Cryo Sys -Procure	01FEB06	0	31JAN06	30SEP05	931		0.00	0.00
411-4-6	Standby Power for Cryo Sys -Install	01FEB06	0	31JAN06	30SEP05	931		0.00	0.00
412 - Experimental AC Power Systems									
412-1-2	D-site Pulsed AC Power Distr-Dsn	02OCT06*	128	09APR07	09APR07	236		0.00	11,605.20
412-1-4	D-site Pulsed AC Power Distr-Procure	10APR07	125	04OCT07	04OCT07	236		0.00	6,860.44
412-1-6	D-site Pulsed AC Power Distr-Install	05OCT07	40	03DEC07	03DEC07	236		0.00	18,215.68
412-1-8	D-site Pulsed AC Power Distr-Commission	04DEC07	40	05FEB08	05FEB08	236		0.00	10,866.80
FY05CV-34	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			2,000.00	2,000.00



Run Date **20FEB06 14:13**

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX

Status through FEBRUARY 1st

ECP-39 Baseline

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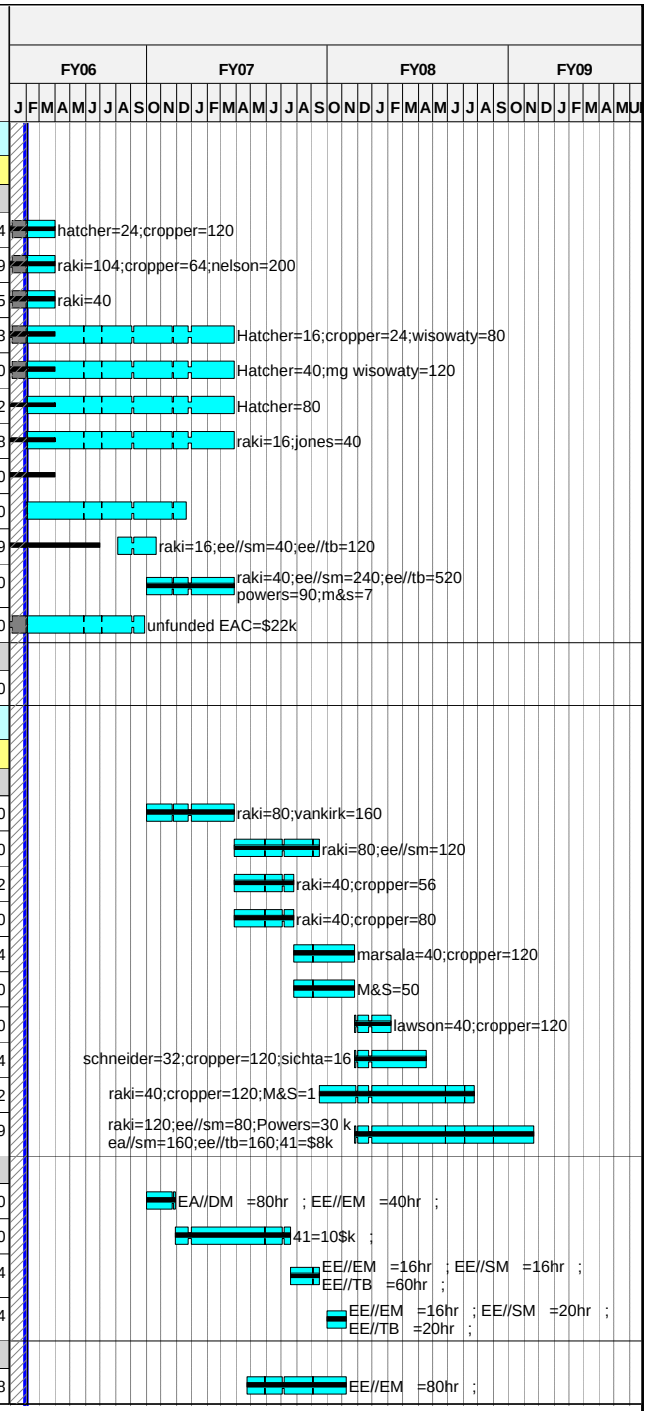
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
43 - DC Systems									
Job: 4301 - DC Systems-RAMAKRISHNAN									
431 - C-Site DC Systems									
431-200	Condition/spare parts inventory	01OCT04A	371*	31MAR06	31MAR06	888	95	16,852.08	17,739.04
431-210	Organize & verify documentation	01OCT04A	371*	31MAR06	31MAR06	888	95	43,123.43	45,393.09
431-215	Document status	01OCT04A	371*	31MAR06	31MAR06	888	90	5,753.57	6,392.85
431-225	Reactivate DF & PEI units	01JUL05A	433*	28MAR07	31MAR06	641	90	10,984.35	12,204.83
431-230	Load test	01JUL05A	433*	28MAR07	31MAR06	641	90	14,833.98	16,482.20
431-240	Simulate each of 6 pwr loops in PSCAD	01FEB06*	290*	28MAR07	31MAR06	641		0.00	13,569.02
431-250	c-site dc sys DGS dsn documentation	01FEB06*	290*	28MAR07	31MAR06	641		0.00	7,388.88
431-260	Power loop design	01NOV04A	350*	23DEC05A	31MAR06		100	111,112.40	111,112.40
431-261	Redo power loop design	01FEB06*	228*	22DEC06		703		0.00	0.00
431-265	Fabricate bus components	04AUG06*	55	20OCT06	29JUN06	746		0.00	17,705.39
431-275	Power cabling & Installation	02OCT06*	121	29MAR07	29MAR07	492		0.00	214,510.20
431-276	Maint of C-site rectifiers	03OCT05A	249*	29SEP06		761	10	0.00	0.00
FY05CV-35	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	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	27MAR07	224		0.00	32,679.20
441-097	Install Interlock sys	28MAR07	119	13SEP07	13SEP07	309		0.00	29,272.00
441-100	PLC Specification	28MAR07	85	26JUL07	26JUL07	224		0.00	14,118.32
441-105	Prep Block diagrams	28MAR07	85	26JUL07	26JUL07	224		0.00	17,224.40
441-110	PLC CWD's & Cabling	27JUL07*	85	23NOV07	23NOV07	224		0.00	22,685.24
441-115	deliver PLC	27JUL07*	85	23NOV07	23NOV07	472		0.00	70,250.00
441-120	Program PLC Logic	26NOV07	45	06FEB08	06FEB08	427		0.00	23,004.80
441-125	Program Control pages	26NOV07	97	18APR08	18APR08	375		0.00	24,097.84
441-130	Pre-commissioning tests	14SEP07	214	23JUL08	23JUL08	309		0.00	24,377.02
441-135	Install I/O Cabling	26NOV07	248	20NOV08	20NOV08	224		0.00	119,268.19
442 - Kirk Key Interlocks									
442-1-2	Kirk Keys-Dsn	02OCT06*	41	29NOV06	29NOV06	290		0.00	16,339.60
442-1-4	Kirk Keys-Procure	30NOV06	158	19JUL07	19JUL07	290		0.00	13,710.00
442-1-6	Kirk Keys-Install	20JUL07	40	14SEP07	14SEP07	290		0.00	44,123.84
442-1-8	Kirk Keys-Commission	01OCT07	30	09NOV07	09NOV07	290		0.00	7,202.24
443 - Real Time Control Systems									
443-1-2	Develop Control Algorithms-Dsn	23APR07*	142	09NOV07	09NOV07	274		0.00	13,819.68



Run Date 20FEB06 14:13

ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
ECP-39 Baseline

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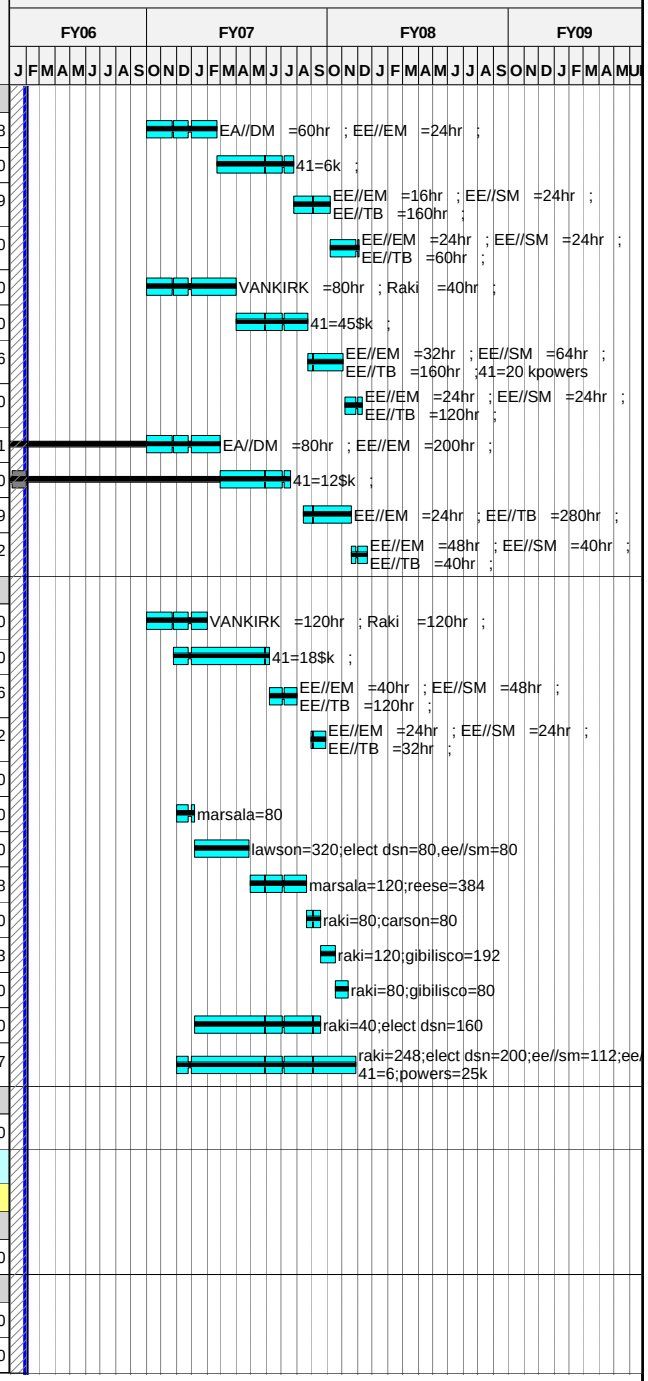
444 - Instrument Systems									
444-2-2	DC Potential Transducers (DCPTs)-Dsn	02OCT06*	95	21FEB07	21FEB07	466		0.00	11,224.08
444-2-4	DC Potential Transducers (DCPTs)-Procure	22FEB07	109	26JUL07	26JUL07	466		0.00	8,226.00
444-2-6	DC Potential Transducers (DCPTs)-Install	27JUL07	51	08OCT07	08OCT07	466		0.00	19,328.29
444-2-8	DC Potential Transducers	09OCT07	40	05DEC07	05DEC07	466		0.00	12,588.60
444-3-2	DC Shunts-Dsn	02OCT06*	122	30MAR07	30MAR07	463		0.00	16,339.60
444-3-4	DC Shunts-Procure	02APR07	101	22AUG07	22AUG07	463		0.00	61,695.00
444-3-6	DC Shunts-Install	23AUG07	51	02NOV07	02NOV07	463		0.00	55,304.86
444-3-8	DC Shunts-Commission	05NOV07	24	10DEC07	10DEC07	463		0.00	17,754.00
444-4-2	Signal Conditioning & Cabling-Dsn	01JUL05A	165*	28FEB07	28FEB07	454	15	6,311.87	42,079.11
444-4-4	Signal Conditioning & Cabling-Procure	01JUL05A	511*	18JUL07	18JUL07	454	15	2,424.78	16,165.20
444-4-6	Signal Conditioning & Cabling-Install	15AUG07	68	19NOV07	19NOV07	454		0.00	27,988.59
444-4-8	Signal Conditioning & Cabling-Commission	20NOV07	22	21DEC07	21DEC07	454		0.00	17,226.72
445 - Coil Protection Systems									
445-1-2	Ground Fault Protection-Dsn	02OCT06*	82	02FEB07	02FEB07	407		0.00	34,815.60
445-1-4	Ground Fault Protection-Procure	27NOV06*	130	05JUN07	05JUN07	321		0.00	24,678.00
445-1-6	Ground Fault Protection-Install	06JUN07*	40	01AUG07	01AUG07	321		0.00	23,142.56
445-1-8	Ground Fault Protection-Commission	30AUG07	20	27SEP07	27SEP07	321		0.00	9,911.12
445-2-0	Overload Protection & Cabling-Prelim Dsn	01MAR04A	272	30SEP04A	30SEP04A			1,054.90	1,054.90
445-2-105	Overload Protect-Write spec and approve	01DEC06*	20	05JAN07	05JAN07	470		0.00	13,741.60
445-2-110	Overload Protect-Design	08JAN07	80	27APR07	27APR07	480		0.00	74,788.80
445-2-115	Overload Protect-Fabr 4 chassis 120 modls	30APR07*	79	20AUG07	20AUG07	480		0.00	70,309.68
445-2-120	Overload Protect-Test 4 units	21AUG07	20	18SEP07	18SEP07	480		0.00	24,095.20
445-2-125	Overload Protect-Install & Rack wiring	19SEP07	20	16OCT07	16OCT07	480		0.00	46,195.73
445-2-130	Overload Protect-Write & perform ISTP	17OCT07	20	13NOV07	13NOV07	480		0.00	24,744.00
445-2-135	Overload Protect-Documentation	08JAN07*	180	19SEP07	19SEP07	519		0.00	25,808.40
445-2-140	Overload Protection&cabling design,procure	01DEC06*	249	27NOV07	27NOV07	470		0.00	144,022.27
FY05CV-36	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	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	30SEP03A		100	112,340.00	112,340.00
451 - System Design & Interfaces									
4501-100	Design Drawings	02FEB04A	193*	30SEP04A	30SEP04A		100	19,807.80	19,807.80
4501-110	Calculations-FY04	01MAR04A	151*	30SEP04A	30SEP04A		100	0.00	0.00



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xecp-39 baseline
Progress Bar
Critical Activity

0601

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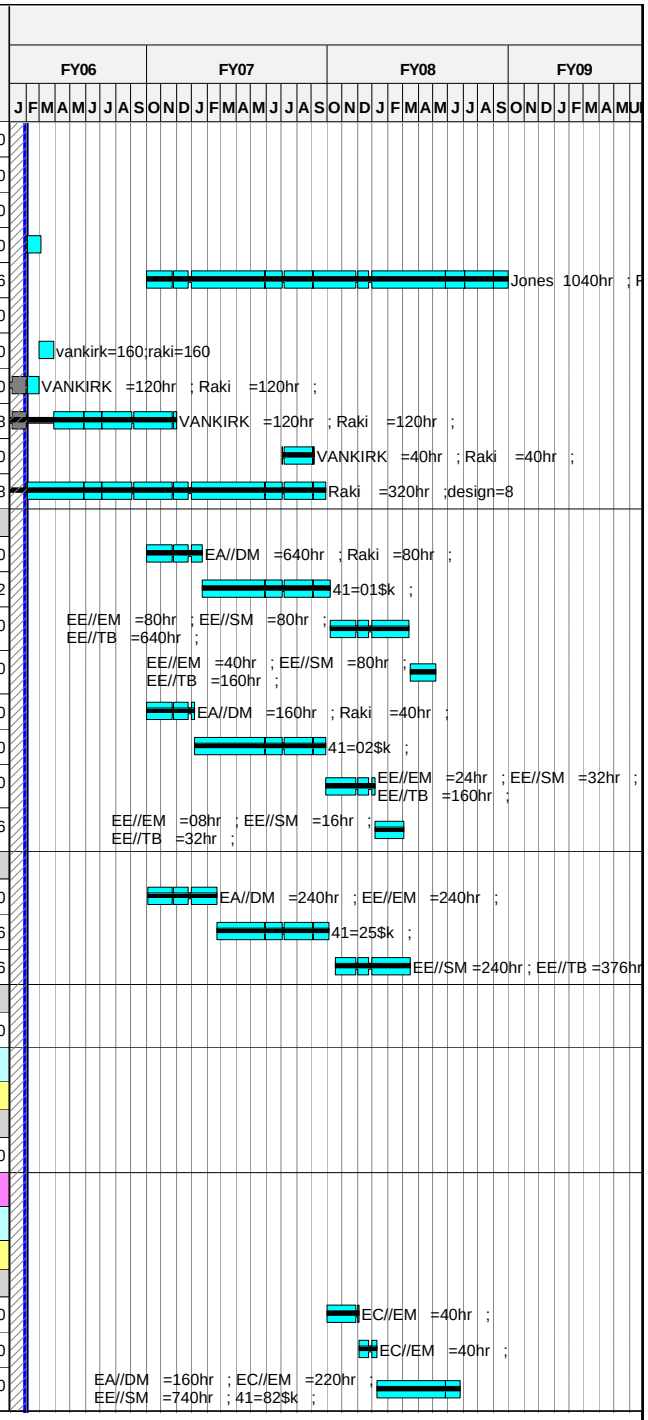
451-0-1	C-Site Decision	30APR04A	0	30APR04A	30APR04A		100	0.00	0.00
451-7-2	FDR DC transmission-Dsn	01MAY04A	0*	28MAY04A	28MAY04A		100	10,084.00	10,084.00
451-7-20	FDR DC transmission		0	28MAY04A	28MAY04A		100	0.00	0.00
451-0-2	Develop SRD	01FEB06	21	01MAR06	31OCT05	910		0.00	0.00
451-3-2	Dwgs,asbuilts -Elect Dsn	02OCT06*	500*	30SEP08	30SEP08	261		0.00	166,541.26
451-2-1	CDR Power system -Dsn	01DEC04A	208*	31AUG05A	31AUG05A		100	41,299.20	41,299.20
451-2-2	PDR Power system -Dsn	01MAR06*	20	28MAR06	01DEC05	719		0.00	45,427.20
451-6-2	FDR C-Site -Cabling	01SEP05A	120*	28FEB06	30NOV05	911	2	670.57	33,528.60
451-2-2.1	FDR C-Site	01NOV05A	270*	30NOV06	30NOV06	719	2	684.13	34,206.48
451-4-2	FDR AC auxiliaries & grounding-Dsn	02JUL07*	45	04SEP07	04SEP07	530		0.00	11,605.20
451-1-2	Calculations-Dsn	01FEB06*	419*	28SEP07	28SEP07	512		0.00	55,427.28
452 - Electrical Systems Support									
452-1-2	Diagnostics AC Power Distr-Dsn	03OCT06*	72	22JAN07	22JAN07	186		0.00	89,492.00
452-1-4	Diagnostics AC Power Distr-Procure	23JAN07	182	08OCT07	08OCT07	186		0.00	1,372.12
452-1-6	Diagnostics AC Power Distr-Install	09OCT07	105	13MAR08	13MAR08	186		0.00	79,841.60
452-1-8	Diagnostics AC Power Distr-Commission	19MAR08	37	08MAY08	08MAY08	186		0.00	31,462.80
452-2-2	Diagnostics sensor cabling-Dsn	03OCT06*	61	05JAN07	05JAN07	234		0.00	25,808.40
452-2-4	Diagnostics sensor cabling-Procure	08JAN07	185	26SEP07	26SEP07	234		0.00	2,742.00
452-2-6	Diagnostics sensor cabling-Install	27SEP07	65	07JAN08	07JAN08	234		0.00	22,242.90
452-2-8	Diagnostics sensor cabling-Commission	08JAN08	40	03MAR08	03MAR08	234		0.00	6,292.56
453 - System Testing (PTP's)									
453-1-2	New Procedures	06OCT06*	90	20FEB07	20FEB07	345		0.00	69,631.20
453-1-4	Preop Testing-Procure test equipt	21FEB07*	160	05OCT07	05OCT07	345		0.00	34,301.56
453-1-8	Testing PTPs, ISTPs	19OCT07*	100	18MAR08	18MAR08	236		0.00	213,785.76
FY05CV-37	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	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	30SEP03A		100	1,300.00	1,300.00
5 - Central I&C Systems									
51 - TCP/IP Infrastructure Systems									
Job: 5101 - TCP/IP Infrastructure Systems									
51-10	Preliminary Design (Title I)	01OCT07*	45	04DEC07	04DEC07	239		0.00	6,260.40
51-20	Final Network Design (Title II)	05DEC07	20	09JAN08	09JAN08	239		0.00	6,260.40
51-30	Installation, Testing, Documentation (Title III)	10JAN08	120	26JUN08	26JUN08	239		0.00	267,865.10



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ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
ECP-39 Baseline

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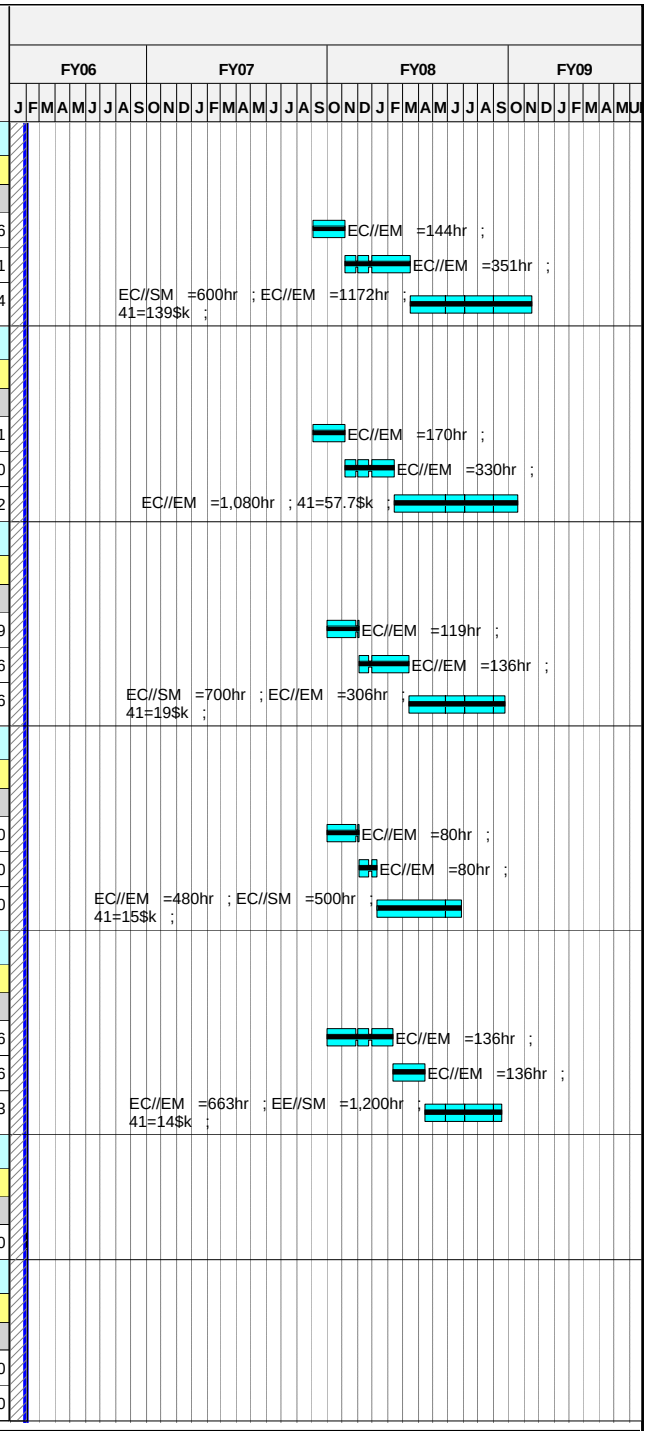
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	PMB Finish	Total Float in days (21 days= 1 mo.)	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
52 - Central Instrumentation & Control									
5201 - I&C Systems									
52-10	Preliminary Design (Title I)	**04SEP07***	*45*	**05NOV07**	05NOV07	***138***		***0.00***	22,288.16
52-20	Final Design (Title II)	**06NOV07**	*87*	**17MAR08**	17MAR08	***138***		***0.00***	54,935.01
52-30	Installation, Testing, Documentation (Title III)	**18MAR08**	*173*	**18NOV08**	18NOV08	***138***		***0.00***	452,889.24
53 - Data Acquisition & Facility Computing									
5301 - Data Acquisition									
53-10	Preliminary Design (Title I)	**04SEP07***	*45*	**05NOV07**	05NOV07	***160***		***0.00***	26,312.41
53-20	Final Design (Title II)	**06NOV07**	*65*	**14FEB08**	14FEB08	***160***		***0.00***	51,648.30
53-30	Coding, Configuration, Testing (Title III)	**15FEB08**	*173*	**17OCT08**	17OCT08	***160***		***0.00***	251,112.12
54 - Facility Timing & Synchronization									
Job: 5401 - Facility Timing & Synchronization									
54-10	Preliminary Design (Title I)	**02OCT07***	*45*	**05DEC07**	05DEC07	***178***		***0.00***	18,624.69
54-20	Final Design (Title II)	**06DEC07**	*65*	**13MAR08**	13MAR08	***178***		***0.00***	21,285.36
54-30	Installation, Testing, Documentation (Title III)	**14MAR08**	*135*	**23SEP08**	23SEP08	***178***		***0.00***	155,913.06
55 - Real Time Plasma & Power Supply Control Sys									
5501 - Real Time Control System									
55-10	Preliminary Design (Title I)	**02OCT07***	*45*	**05DEC07**	05DEC07	***238***		***0.00***	12,520.80
55-20	Final Design (Title II)	**06DEC07**	*20*	**10JAN08**	10JAN08	***238***		***0.00***	12,520.80
55-30	Installation, Testing, Documentation (Title III)	**11JAN08**	*120*	**27JUN08**	27JUN08	***238***		***0.00***	154,289.80
56 - Central Safety Interlock Systems									
Job: 5601 - Central Safety Interlock Systems									
56-10	Preliminary Design (Title I)	**02OCT07***	*87*	**11FEB08**	11FEB08	***183***		***0.00***	21,285.36
56-20	Final Design (Title II)	**12FEB08**	*45*	**14APR08**	14APR08	***183***		***0.00***	21,285.36
56-30	Installation, Testing, Documentation (Title III)	**15APR08**	*108*	**16SEP08**	16SEP08	***183***		***0.00***	282,928.13
57 - Control Room Facility									
Job: 5701 - Control Room Facility									
57-10		**01FEB06**	*0*	**31JAN06**	30SEP05	***931***		***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**	30SEP03A		***LOE***	***11,900.00***	11,900.00
51-01	FY04 LOE support	**01OCT03A**	*250**	**30SEP04A**	30SEP04A		***LOE***	***16,000.00***	16,000.00



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ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
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0601

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ECP-39 Baseline

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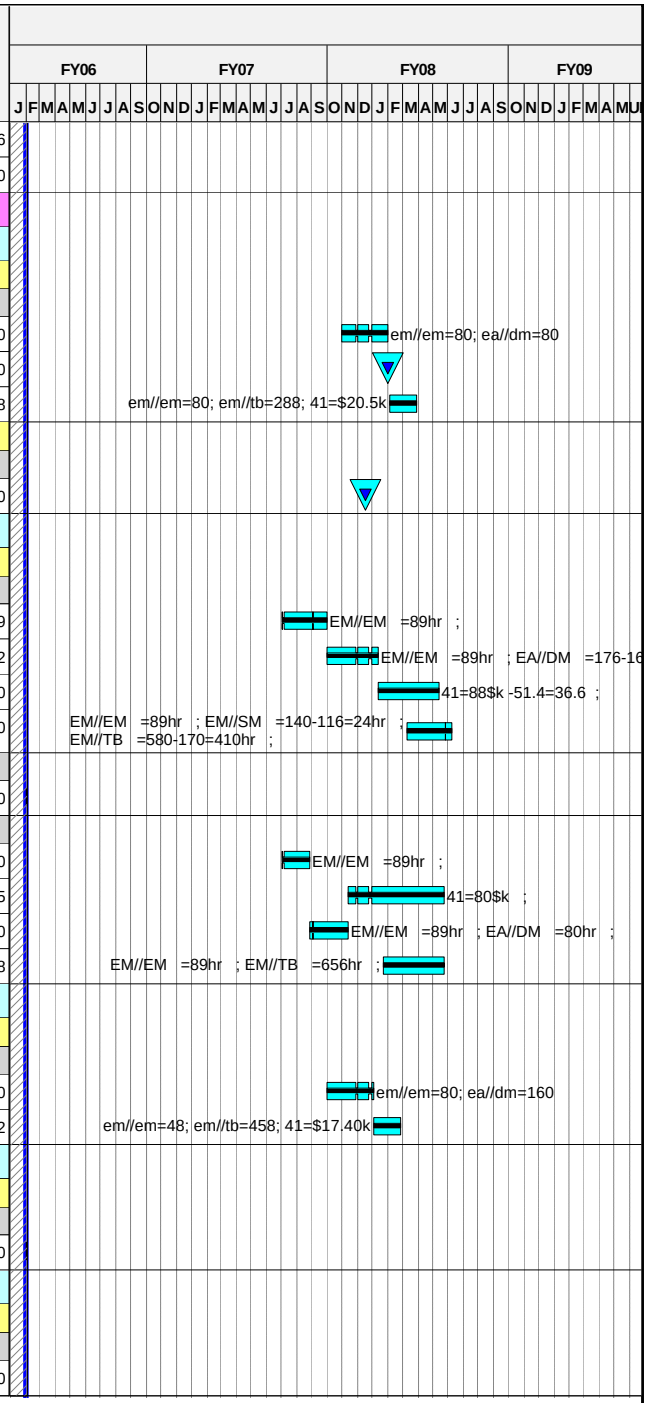
51-02	FY05 LOE support	01OCT04A	249*	30SEP05A	30SEP05A		LOE	12,462.26	12,462.26
FY05CV-38	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			-7,000.00	-7,000.00
6 - Facility Systems									
61 - Water Systems									
Job:6101 - Water Systems									
613 - Vacuum Pumping System									
623.011	Design WBS 612	01NOV07*	59	01FEB08	01FEB08	210		0.00	24,290.40
623.013	FDR WBS 612		0	01FEB08	01FEB08	210		0.00	0.00
632.021	WBS 612 Assembly/Fabrication/Installation	04FEB08	40	28MAR08	28MAR08	210		0.00	67,981.38
613 - Vacuum Pumping System									
623.012	PDR WBS 612	17DEC07	0			239		0.00	0.00
62 - Cryogenic Systems									
Job: 6201 - Cryogenic Systems									
621 - LN2-LHe Supply System									
631-001	Preliminary Design	02JUL07*	65	02OCT07	02OCT07	252		0.00	15,792.79
631-010	Final Design**reduced scope	03OCT07	65	11JAN08	11JAN08	252		0.00	18,149.92
631-020	Procurement **reduced scope	14JAN08	88	14MAY08	14MAY08	252		0.00	123,078.00
631-015	Fab/Assy/Installation**reduced scope	10MAR08	65	09JUN08	09JUN08	252		0.00	71,991.50
622 - LN2 Coil Cooling Supply									
632-001	**deleted scope	01FEB06	0	31JAN06	30SEP05	931		0.00	0.00
623 - GN2 Cryostat Cooling System									
633-001	Preliminary Design	02JUL07*	40	27AUG07	27AUG07	262		0.00	15,779.70
633-020	Procurement	14NOV07	130	23MAY08	23MAY08	262		0.00	112,329.75
633-010	Final Design	28AUG07	55	13NOV07	13NOV07	262		0.00	25,644.50
633-015	Fab/Assy/Installation	23JAN08	88	23MAY08	23MAY08	262		0.00	72,266.88
63 - Utility Systems									
Job: 6301 - Utility Systems									
640.011	Design GN2, Air & Vent Systems	01OCT07*	59	01JAN08	01JAN08	251		0.00	34,014.40
640.021	Assembly/Fabrication	02JAN08	40	26FEB08	26FEB08	251		0.00	72,889.52
64 - PFC/VV Heating & Cooling*ELIMINATED*									
Job: 6401 - PFC/VV Heating & Cooling									
650.001	Eliminated scope	01FEB06	0	31JAN06	30SEP05	931		0.00	0.00
65 - Facility Systems Integration									
Job: 6163 - Facility Systems Support FY04									
65-03	LOE WBS 6	01OCT03A	250*	30SEP04A	30SEP04A		LOE	15,000.00	15,000.00



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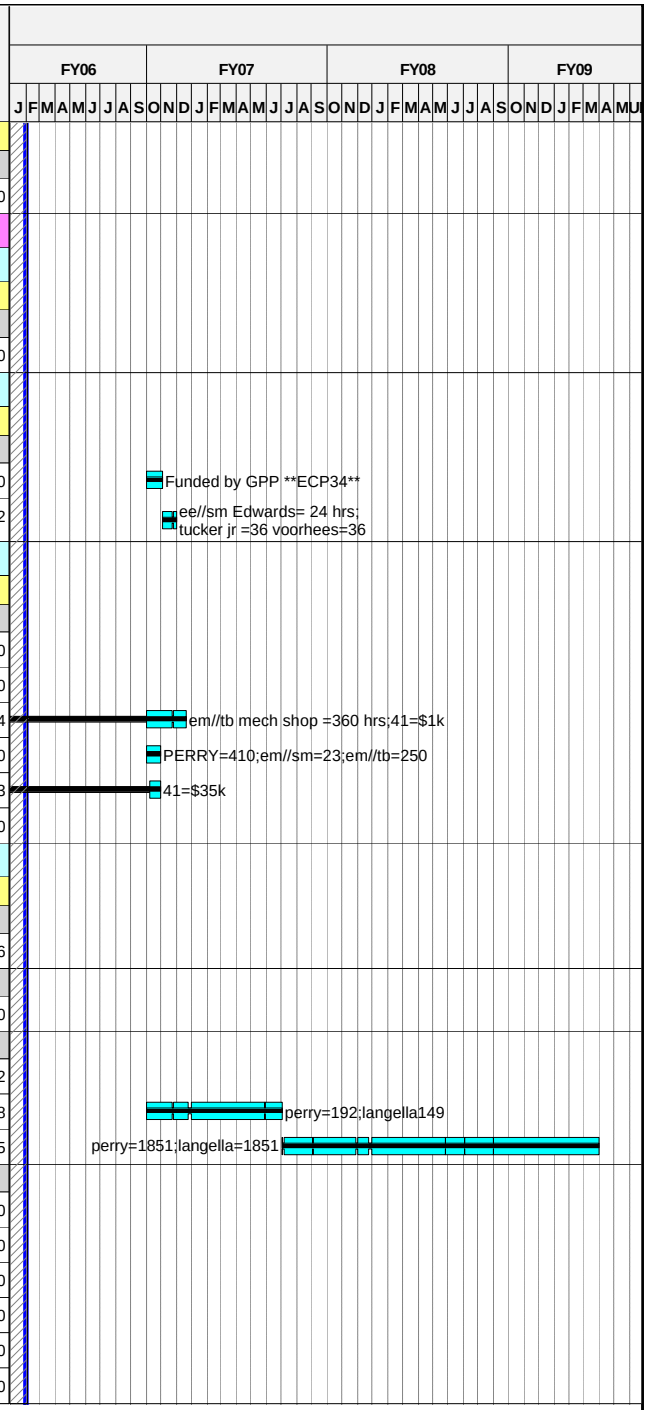
Job: 6501 - Facility Systems Integration-DUDEK									
Prior Costs									
6501-001	Apr-Sept MIE Cost PPPL	01APR03A	0	30SEP03A	30SEP03A		100	9,380.00	9,380.00
7 - Test Cell Preparation and Machine Assy									
71 - Shield Wall Seismic Modifications									
Job: 7101 - Shield Wall Modif Design-PERRY									
Prior Costs									
7101-000	Apr-Sept MIE Cost PPPL	01APR03A	66	30SEP03A	30SEP03A		100	32,150.00	32,150.00
72 - Control Room Refurbishment									
Job: 7201 - Control Room Walls&Floors-PERRY									
710.001	Install Wall east side control room	02OCT06*	24	02NOV06	02NOV06	719		0.00	0.00
711B.050	Complete Control Room Flooring	03NOV06*	18	30NOV06	30NOV06	719		0.00	9,097.92
73 - Platform Design & Fabrication									
Job: 7301 - Platform Design & Fab-PERRY									
712.008	Update Platform Specification	01JUN05A	0*	30JUN05A	30JUN05A		100	6,416.80	6,416.80
712.010	Final Design	02MAY05A	43*	30JUN05A	30JUN05A		100	53,163.80	53,163.80
711A.040	Platform nut plates	01APR05A	187*	22DEC06	22DEC06	703	90	26,209.21	29,121.34
712.020	Platform Parts	02OCT06*	22	31OCT06	31OCT06	743		0.00	25,591.00
712.030	Miscs Hardware/Material	01JUL05A	83*	31OCT06	31OCT06	393	80	36,414.50	45,518.13
FY05CV-39	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			-50,000.00	-50,000.00
74 - Machine Assembly Planning and Oversight									
Job: 7401 - TC Prep & Mach Assy Planning-PERRY									
Oversight and Supervision									
711A.020	LOE FY04	01OCT03A	256*	30SEP04A	30SEP04A		LOE	148,582.46	148,582.46
Prior Costs									
7401-001	Apr-Sept MIE Cost PPPL	01APR03A	66	30SEP03A	30SEP03A		100	164,000.00	164,000.00
Project Scope									
714.010	LOE FY05	01OCT04A	249*	30SEP05A	30SEP05A		LOE	109,972.42	109,972.42
714.020	LOE FY06 prior to assy starting	02OCT06*	187*	02JUL07	02JUL07	574		0.00	53,510.98
714.030	LOE FY07 thru first plasma	02JUL07*	444*	31MAR09	31MAR09	131		0.00	877,620.95
FED/Infrastructure Support (non Project cost)									
613.010	Remove Shield Walls ** GPP **	01APR04A	64*	22JUN04A	22JUN04A		100	0.00	0.00
613.015	Fabricate New Bottom Course of Blocks	01APR04A	207*	31JAN05A	31JAN05A		100	0.00	0.00
613.017	Install New Bottom Course **GPP**	01AUG05A	0*	31AUG05A	31AUG05A		100	0.00	0.00
613.020	Remove south PLT shielding (cc 7230)	01JUN04A	0*	22JUN04A	22JUN04A		100	0.00	0.00
613.025	Dispose of old south PLT shielding **GPP**	01AUG04A	0*	31AUG04A	31AUG04A		100	0.00	0.00
EXFAC003	Clear PBX control room & Safe PBX (cc7230)	27JAN03A	110*	30JUN03A	30JUN03A		100	0.00	0.00



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ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX

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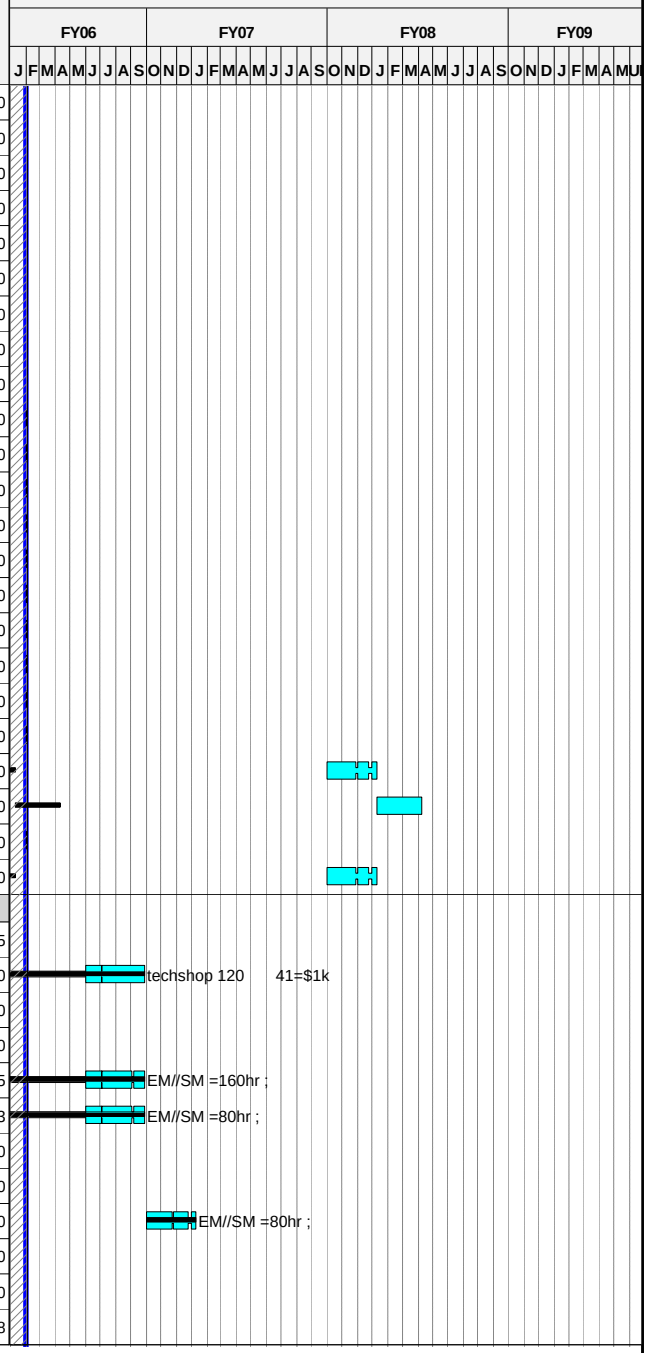
EXFAC004	Remove Fire protection PLT wall (cc7230)	01MAY03A	21	09MAY03A	09MAY03A		100	0.00	0.00
EXFAC005	Remove Fire Protection under platform	01APR03A	21	30APR03A	30APR03A		100	0.00	0.00
EXFAC006	Remove Fire Protection Control rm	01MAY03A	21	09MAY03A	09MAY03A		100	0.00	0.00
EXFAC007	Remove PBX Base Plates cc7230)	25FEB04A	48*	12MAR04A	12MAR04A		100	0.00	0.00
GPP001	GPP-Upgarde C-Site central chilled wtr	01OCT02A	1	01OCT02A	01OCT02A		100	0.00	0.00
GPP004	GPP-Roofing Design	01APR04A	291	31MAY05A	31MAY05A		100	0.00	0.00
GPP004.1	GPP-Roofing Install	01MAY05A	0	31MAY05A	31MAY05A		100	0.00	0.00
GPP005	GPP-Test Cell lighting Design	01APR04A	206*	31JAN05A	31JAN05A		100	0.00	0.00
GPP005.1	GPP-Test Cell lighting Install ***TBD***	02MAY05A	0	31MAY05A	31MAY05A		100	0.00	0.00
GPP006	GPP-Test Cell HVAC/dew point control	01FEB06	0	31JAN06	30SEP05	931		0.00	0.00
GPP006.1	GPP-Test Cell HVAC/dew point control	01FEB06*	0	31JAN06	30SEP05	931		0.00	0.00
GPP007	GPP-C-Site elevators Design	01FEB06*	0	31JAN06	30SEP05	931		0.00	0.00
GPP007.1	GPP-C-Site elevators Install	01FEB06	0	31JAN06	30SEP05	931		0.00	0.00
GPP008	GPP-Fire suppression high bay design*TBD*	01FEB06	0	31JAN06	30SEP05	931		0.00	0.00
GPP008.1	GPP-Fire suppression high bay install*TBD*	01FEB06	0	31JAN06	30SEP05	931		0.00	0.00
GPP009	Control Room Lights & Outlets design*TBD*	01FEB06	0	31JAN06	30SEP05	867		0.00	0.00
GPP009.1	Control Room Lights & Outlets install*TBD*	01FEB06	0	31JAN06	30SEP05	867		0.00	0.00
GPP010	Control Room HVAC Design **TBD**	01FEB06	0	31JAN06	30SEP05	867		0.00	0.00
GPP010.1	Control Room HVAC Install **TBD**	01FEB06	0	31JAN06	30SEP05	867		0.00	0.00
GPP011	Control Room Ceiling Design	01OCT07*	64	08JAN08	10JAN06	384		0.00	0.00
GPP011.1	Control Room Ceiling Install	09JAN08	64	07APR08	10APR06	384		0.00	0.00
GPP012	Control Rm Fire Detection & Suppression	01FEB06*	0	31JAN06	30SEP05	803		0.00	0.00
GPP012.1	Control RmFire Detection & Suppression	01OCT07*	64	08JAN08	10JAN06	384		0.00	0.00
Test Cell Modifications & Upgrades									
714.020X	TC power instl	01AUG05A	436*	30SEP05A	30SEP05A			63,673.65	63,673.65
613.030	Test Cell copper ground plane cuts	01JUL05A	152*	29SEP06	29SEP06	765	80	8,600.16	10,750.20
713.010	General procurements	02APR05A	128*	30SEP05A	30SEP05A		LOE	19,215.00	19,215.00
7502-000	Outlet Design	02FEB04A	107*	30JUN04A	30JUN04A		100	25,272.00	25,272.00
7502-001	Test Cell 110v outlets	01APR05A	214*	29SEP06	29SEP06	761	70	12,805.56	18,293.65
7502-002	Test Cell 208v outlets	01APR05A	214*	29SEP06	29SEP06	761	70	6,402.78	9,146.83
7502-003	Install 480v power in test cell	01SEP05A	0*	30SEP05A	30SEP05A		100	0.00	0.00
7502-004	Install 120v panels in test cell	01SEP05A	0*	30SEP05A	30SEP05A		100	0.00	0.00
7502-010	Ready Rooms (under control room) 110v	02OCT06*	65	10JAN07	10JAN07	570		0.00	10,480.00
7502-011	Cable Removal in test cell (S04335-32)	01OCT03A	0*	31OCT03A	31OCT03A		100	9,937.20	9,937.20
7502-025	TC Floor penetration covers	03NOV03A	42	26NOV03A	26NOV03A		100	16,848.00	16,848.00
EXFAC001.2	Complete Crane Modifications (S04354)	02FEB04A	0*	30JAN04A	30JAN04A		100	37,608.48	37,608.48



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ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

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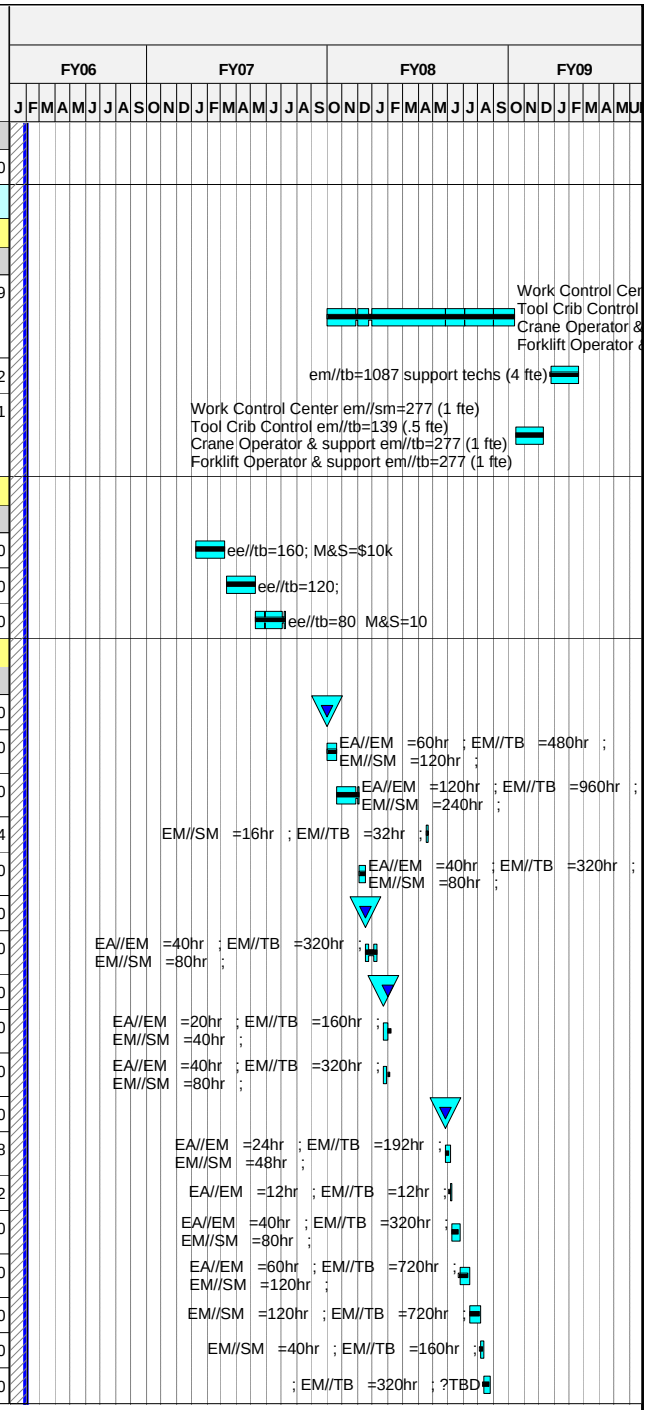
FY05CV-40	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			178,000.00	178,000.00
75 - Test Cell and Basement Assembly Operations									
7501 - Construction Support Crew									
7501-05	Construction Support Crew during machine assy	01OCT07*	260	13OCT08	13OCT08	164		0.00	861,133.69
7501-06	Construction Support Crew during e-beam	25DEC08*	41	19FEB09	18FEB09	159		0.00	99,199.62
7501-07	Construction Support Crew during cryostat instl	16OCT08*	40	10DEC08	09DEC08	210		0.00	103,081.21
7502 - Test Cell Facility Preparations									
7502-020	Resurface TC floor	11JAN07*	42	09MAR07	09MAR07	570		0.00	34,670.00
7502-030	TC Floor firesealing	12MAR07	42	08MAY07	08MAY07	570		0.00	15,720.00
7502-035	Control room firesealing	09MAY07	42	09JUL07	09JUL07	570		0.00	24,190.00
7503 - Machine Assembly									
Revised Assembly Logic (ecp18)									
7503-010	Begin Assembly Activities	01OCT07*	0			164		0.00	0.00
7503-020	Install & Level Support Base Plates	01OCT07	15	19OCT07	19OCT07	225		0.00	68,122.20
7503-030	Install/Level FPA's and Spool Piece supports	22OCT07	30	04DEC07	04DEC07	225		0.00	136,244.40
7503-060	Install Lower PF 4,5&6 into prelim position	18APR08	2	21APR08	21APR08	148		0.00	4,887.04
7503-070	Install 3 Spool Pieces on fixt & test movement	05DEC07	10	18DEC07	18DEC07	225		0.00	45,414.80
7503-080	FPA-1 Installed on support platform		0	18DEC07	18DEC07	225		0.00	0.00
7503-090	Install local Platforms around FPA-1	19DEC07	10	10JAN08	10JAN08	226		0.00	45,414.80
7503-110	FPA-2 Installed on support platform		0	23JAN08	30JAN08	206		0.00	0.00
7503-120	Test movement of FPA-1& -2 & position	24JAN08	5	30JAN08	06FEB08	206		0.00	22,707.40
7503-130	Install local Platforms around FPA-2	24JAN08	3	28JAN08	04FEB08	214		0.00	45,414.80
7503-150	FPA-3 Installed on support platform		0	27MAY08	26MAY08	122		0.00	0.00
7503-160	Position all FPA's / Spool Pieces @ MC	28MAY08	6	04JUN08	03JUN08	122		0.00	27,248.88
7503-170	FPA Metrology Checks to Assure Alignment	05JUN08	3	09JUN08	06JUN08	122		0.00	3,217.32
7503-190	Install local Platforms around FPA-3	10JUN08	10	23JUN08	20JUN08	122		0.00	45,414.80
7503-180	MC Interfaces: shim, ream holes ,bolt together	24JUN08	15	14JUL08	11JUL08	122		0.00	88,632.60
7503-200	Mate-up and weld all VV-to-Spool interfaces	15JUL08	15	04AUG08	01AUG08	122		0.00	77,673.60
7503-240	Bolt on preassembled pump duct	05AUG08	5	11AUG08	08AUG08	122		0.00	19,054.40
7503-240.1	Install insulation boots	12AUG08	10	25AUG08	22AUG08	122		0.00	27,347.20



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xecp-39 baseline
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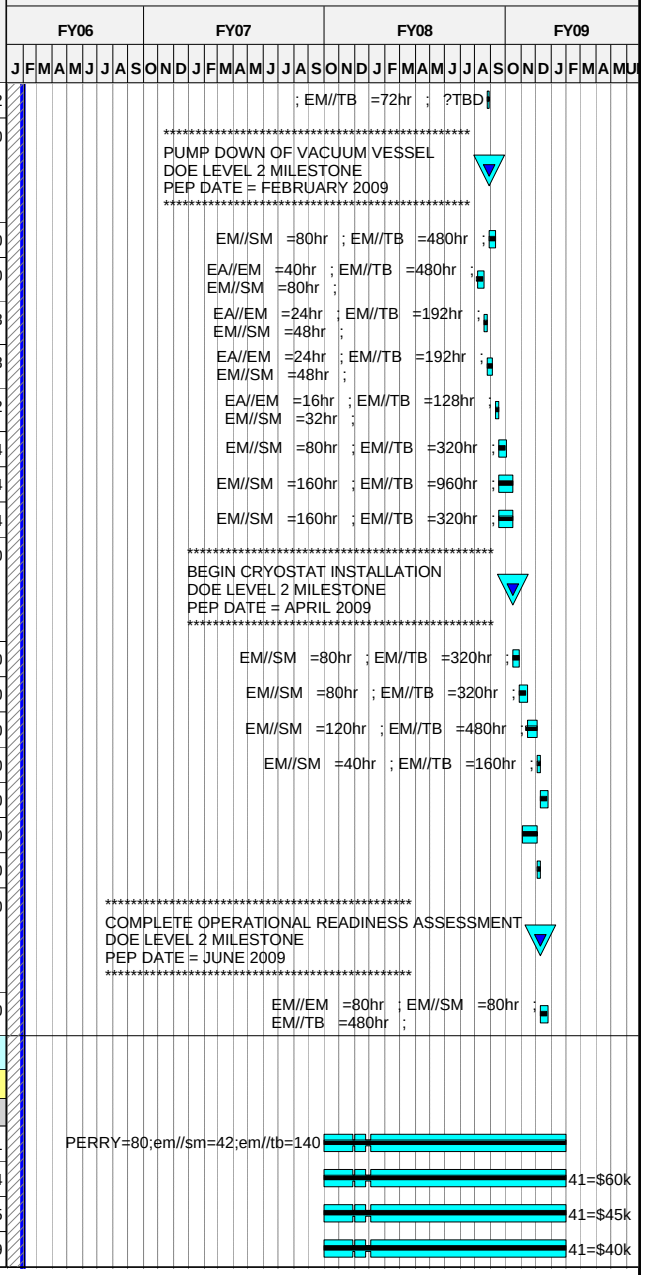
7503-240.2	Install insulation	26AUG08	3	28AUG08	27AUG08	122		0.00	6,153.12
7503-250	Begin Vac Vsl Pumpdown	29AUG08	0			122		0.00	0.00
7503-260	PTP Pumpdown & leak check VV	29AUG08	10	11SEP08	10SEP08	122		0.00	51,782.40
7503-210	Fit-up all TF coils	05AUG08	10	18AUG08	15AUG08	128		0.00	59,088.40
7503-270	Raise lower PF 4,5&6 coils into final position	19AUG08	6	26AUG08	25AUG08	128		0.00	27,248.88
7503-280	Install Upper PF 4,5 & 6 coils	27AUG08	6	03SEP08	02SEP08	128		0.00	27,248.88
7503-290	Install PF Solenoid into position (U/L PF1,2,3)	12SEP08	4	17SEP08	16SEP08	122		0.00	18,165.92
7503-310	Complete LN2 connections	18SEP08	10	01OCT08	30SEP08	132		0.00	38,367.44
7503-320	Complete Elect Pwr connections	18SEP08	20	15OCT08	14OCT08	122		0.00	107,430.64
7503-321	Complete mag diag & machine I&C	18SEP08	20	15OCT08	14OCT08	122		0.00	50,694.64
7503-330	Begin Cryostat Installation	16OCT08	0			122		0.00	0.00
7503-340	Install Cryostat Base, vapor barrie& port boots	16OCT08	10	29OCT08	28OCT08	122		0.00	40,695.20
7503-350	Install Cryostat upper section,VB and port	30OCT08	10	12NOV08	11NOV08	122		0.00	40,695.20
7503-360	Install Midplane Cryostat sections and port	13NOV08	15	03DEC08	02DEC08	122		0.00	61,042.80
7503-370	Install Cryostat Circulation Duct	04DEC08	5	10DEC08	09DEC08	122		0.00	20,347.60
730.8200Z	PTP and Cooldown (dup of 730.8200)	11DEC08	10	24DEC08	23DEC08	200		0.00	0.00
730.1248	ACC Review	06NOV08	20	03DEC08	02DEC08	122		0.00	0.00
730.1249	PSO Operational Readiness Assessment	04DEC08	5	10DEC08	09DEC08	122		0.00	0.00
730.1250	PSO Operational Readiness Assessment		0	10DEC08	09DEC08	122		0.00	0.00
730.8200	PTP and Cooldown	11DEC08	10	24DEC08	23DEC08	122		0.00	70,850.40
76 - Tooling Design & Fabrication									
Job: 7601 - Tooling Design & Fabrication									
713.020	Lab Fab/Assy/Installation	01OCT07*	341*	30JAN09	30JAN09	173		0.00	32,743.91
713.030	Tooling,assy fixtures,misc equipt	01OCT07*	341*	30JAN09	30JAN09	173		0.00	84,841.94
713.040	General procurements	01OCT07*	341*	30JAN09	30JAN09	173		0.00	63,631.45
713.050	Welding tools, materials & equipt	01OCT07*	341*	30JAN09	30JAN09	173		0.00	56,561.29



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ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
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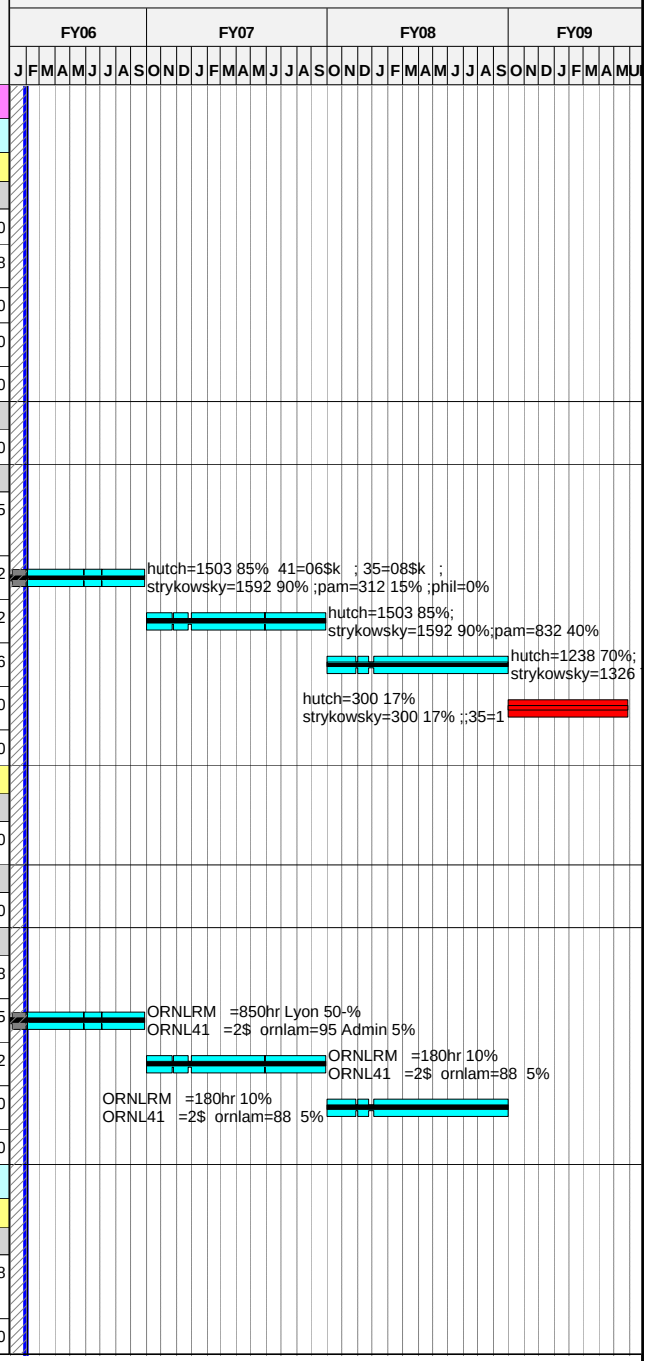
8 - Project Oversight and Support									
81 - Project Management and Control									
Job: 8101 - Project Management & Control-NEILSON									
FY04 Actual Cost									
M-0110	CD-2		0	03FEB04A	03FEB04A			0.00	0.00
810.009	PDR Support	01OCT03A	3*	31OCT03A	31OCT03A		100	41,163.08	41,163.08
M-0115	CD-3		0	16SEP04A	16SEP04A			0.00	0.00
810.002	Project Management Office PPPL FY04	01OCT03A	256*	30SEP04A	30SEP04A		LOE	685,961.70	685,961.70
810.002E	Project Management Office PPPL FY04	01OCT03A	256*	30SEP04A	30SEP04A		LOE	146,000.00	146,000.00
Prior Costs									
810.001	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A	30SEP03A		100	387,340.00	387,340.00
810.003	Project Management Office PPPL FY05	01OCT04A	251*	30SEP05A	30SEP05A		LOE	696,116.95	696,116.95
810.004	Project Management Office PPPL FY06	03OCT05A	250*	29SEP06	29SEP06	765	LOE	200,547.10	634,642.72
810.005	Project Management OfficePPPL FY07	02OCT06*	251*	28SEP07	28SEP07	514		0.00	662,100.12
810.900	Project Management Office PPPL FY08	01OCT07*	253*	30SEP08	30SEP08	261		0.00	554,496.26
810.909	Project Management Office PPPL FY09	01OCT08*	173*	29MAY09	29MAY09	88		0.00	132,273.00
FY05CV-41	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	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	30SEP04A		LOE	88,000.00	88,000.00
Prior Costs									
810.101	Apr-Sept MIE Cost ORNL	01APR03A	129*	30SEP03A	30SEP03A		100	58,600.00	58,600.00
810.103	Project Management Office ORNL FY05	01OCT04A	251*	30SEP05A	30SEP05A		LOE	95,368.98	95,368.98
810.104	Project Management Office ORNL FY06	01OCT05A	250*	29SEP06	29SEP06	514	LOE	54,860.96	173,610.65
810.104X	Project Management Office ORNL FY07	02OCT06	251*	28SEP07	28SEP07	514		0.00	50,514.32
810.105X	Project Management Office ORNL FY08	02OCT07*	251*	29SEP08	29SEP08	262		0.00	36,664.00
FY05CV-42	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	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	30SEP04A		LOE	601,555.68	601,555.68
8202-ECP16	ecp16	01OCT03A	256*	30SEP04A	30SEP04A		LOE	68,000.00	68,000.00



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ECP-39 Status _Forecast
xecp-39 baseline
Progress Bar
Critical Activity

0601

NCSX
Status through FEBRUARY 1st
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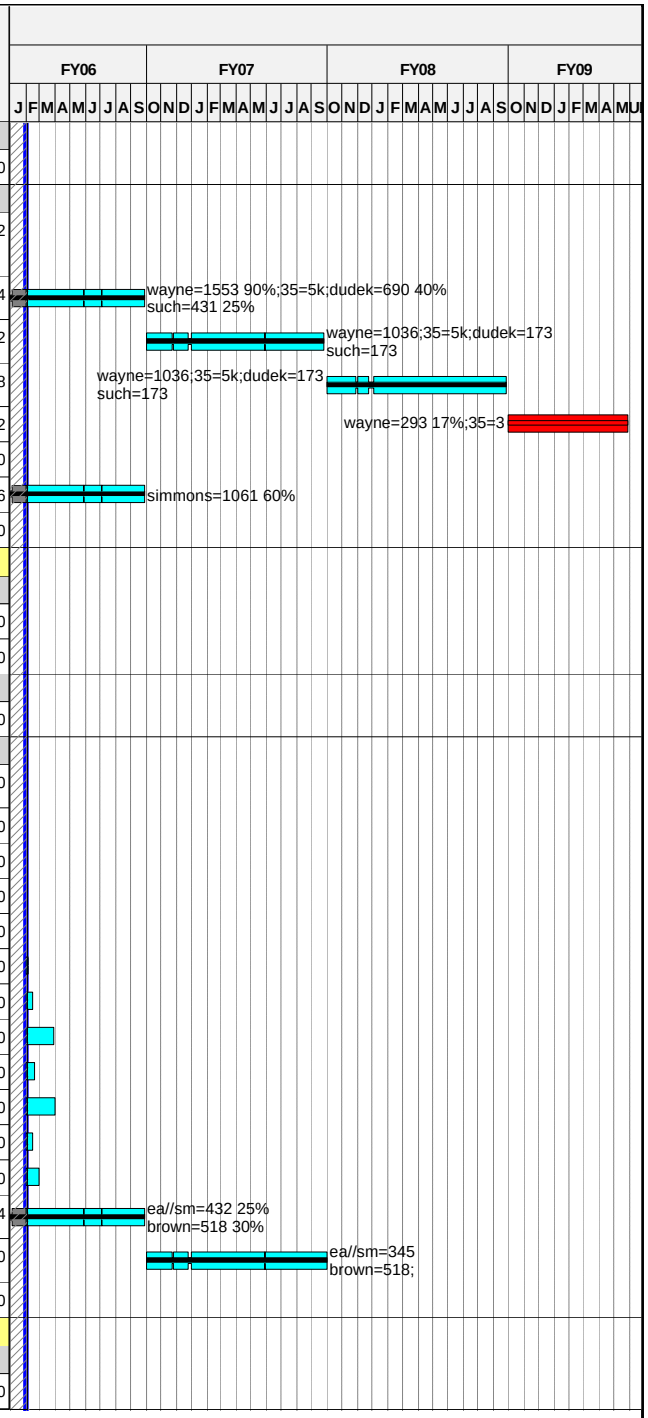
Prior Costs									
820.110	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A	30SEP03A		100	295,530.00	295,530.00
820.003	Proj engr FY05	01OCT04A	251*	30SEP05A	30SEP05A		LOE	469,631.02	469,631.02
820.004	Proj engr FY06	03OCT05A	250*	29SEP06	29SEP06	765	LOE	139,345.11	440,965.54
820.04X	Proj engr FY07	02OCT06*	248*	25SEP07	25SEP07	517		0.00	239,641.12
820.004Z	Proj engr FY08	02OCT07*	249*	25SEP08	25SEP08	264		0.00	245,966.08
820.005	Proj engr FY09	01OCT08*	173*	29MAY09	29MAY09	88		0.00	62,798.72
8205FY05	System Engr Support FY05	01OCT04A	251*	30SEP05A	30SEP05A		LOE	199,622.00	199,622.00
8205FY06	Systems Engineering Support FY06	03OCT05A	250*	29SEP06	29SEP06	765	LOE	58,358.14	184,677.66
FY05CV-44	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			-19,000.00	-19,000.00
Job: 8203 - Design Integration-BROWN									
FY04 Actual Cost									
820.200	LOE FY04	01OCT03A	256*	30SEP04A	30SEP04A		LOE	247,570.20	247,570.20
8203-ECP16	ecp16	01OCT03A	256*	30SEP04A	30SEP04A		LOE	125,000.00	125,000.00
Prior Costs									
820.150	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A	30SEP03A		100	178,750.00	178,750.00
8203FY05	Design Integration FY05 LOE	01OCT04A	251*	30SEP05A	30SEP05A			171,028.50	171,028.50
8203-01	General Design Integration	01OCT04A	251*	30SEP05A	30SEP05A		LOE	0.00	0.00
8203-02	Suprt interface aux sys dev&coolant/lead	01OCT04A	251*	30SEP05A	30SEP05A		LOE	0.00	0.00
8203-03	Develop /maintain Pro/E model of NCSX	01OCT04A	251*	30SEP05A	30SEP05A		LOE	0.00	0.00
8203-04	Support metrology efforts	01OCT04A	251*	30SEP05A	30SEP05A		LOE	0.00	0.00
8203-06	Complt rvw of machine assembly approach	01FEB06*	4	06FEB06	06OCT05	932		0.00	0.00
8203-07	Rvw cryostat & conventional magnet sys	01FEB06*	9	13FEB06	13OCT05	927		0.00	0.00
8203-08	tollerance reqmnts for MCsuprt install fixt dwgs	01FEB06*	39	27MAR06	28NOV05	897		0.00	0.00
8203-09	Machine suprt dsn f/compatibility with assy	01FEB06*	12	16FEB06	18OCT05	924		0.00	0.00
8203-10	Dynamic simul MC half period install fixt w/ Pro	01FEB06*	42	30MAR06	01DEC05	894		0.00	0.00
8203-11	Document NCSX Interlink& dwg control	01FEB06*	11	15FEB06	17OCT05	925		0.00	0.00
8203-12	Update definition VV spool piece assy simul	01FEB06*	19	27FEB06	27OCT05	917		0.00	0.00
8203FY06	Design Integration FY06	03OCT05A	250*	29SEP06	29SEP06	765	LOE	44,303.71	140,201.64
8203FY07	Design Integration FY07	02OCT06*	252*	01OCT07	01OCT07	513		0.00	132,979.90
FY05CV-45	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			-36,000.00	-36,000.00
Job: 8204 - Systems Analysis-BROOKS									
FY04 Actual Cost									
820.174	LOE FY04	01OCT03A	172*	30SEP04A	30SEP04A		LOE	133,179.00	133,179.00



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xecp-39 baseline
Progress Bar
Critical Activity

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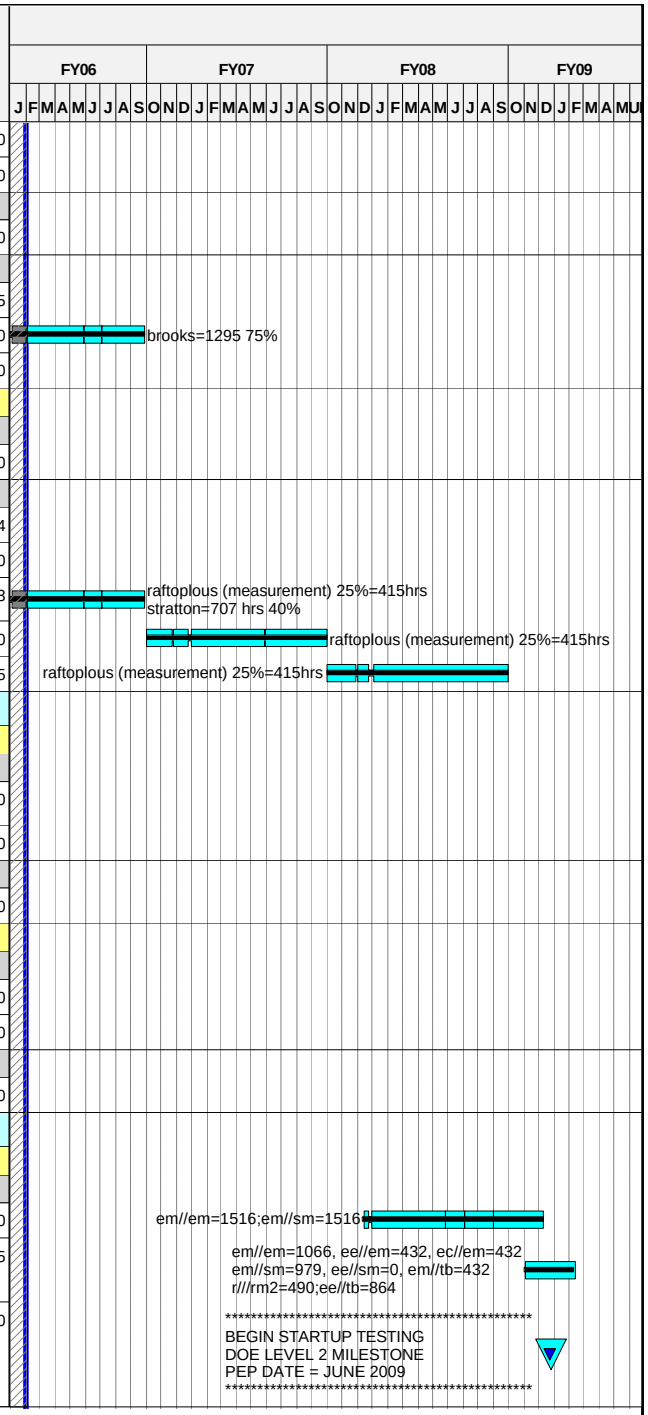
8204.01	Assess magnetic material in test cell	02FEB04A	85*	28MAY04A	28MAY04A		100	37,080.00	37,080.00
8204.02	Model effects local high MU regions on MCWF	01MAY04A	29	28MAY04A	28MAY04A		100	18,540.00	18,540.00
Prior Costs									
820.173	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A	30SEP03A		100	44,620.00	44,620.00
8204FY05	Systems Analysis FY05	01OCT04A	251*	30SEP05A	30SEP05A		LOE	256,633.25	256,633.25
8204FY06	Systems Analysis FY06	03OCT05A	250*	29SEP06	29SEP06	765	LOE	71,228.83	225,407.70
FY05CV-46	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			9,000.00	9,000.00
Job: 8205 - Dimensional Control Coordination									
Metrology									
740.135	Gary Puhl subcontract for metrology support	30SEP05A	77	30SEP05A	30SEP05A			12,810.00	12,810.00
METFY05	Dimensional control FY05 ECP24	01FEB05A	172*	30SEP05A	30SEP05A		LOE	96,648.84	96,648.84
FY05CV-47	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			-20,000.00	-20,000.00
METFY06R	Metrology for FP & machine assy FY06	03OCT05A	250*	29SEP06	29SEP06	765	LOE	59,821.02	189,307.03
METFY07R	Metrology for FP & machine assy FY07	03OCT06*	251*	01OCT07	01OCT07	513		0.00	74,115.10
METFY08R	Metrology for FP & machine assy FY08	03OCT07*	250*	29SEP08	29SEP08	262		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	30SEP04A		LOE	99,806.20	99,806.20
840.203	Closeout cost FY04 ECP-21	01OCT03A	256*	30SEP04A	30SEP04A		LOE	14,000.00	14,000.00
Prior Costs									
840.201	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A	30SEP03A		100	210,270.00	210,270.00
Job: 8402 - Project Physics MIE ORNL-LYON									
FY04 Actual Cost									
840.302	Project Physics/Engr Analysis FY04	01OCT03A	256*	30SEP04A	30SEP04A		LOE	60,876.00	60,876.00
840.303	Closeout cost FY04 ECP-21	01OCT03A	256*	30SEP04A	30SEP04A		LOE	44,000.00	44,000.00
Prior Costs									
840.301	Apr-Sept MIE Cost ORNL	01APR03A	152*	30SEP03A	30SEP03A		100	40,980.00	40,980.00
85 - Integrated Systems Testing									
Job: 8501 - Integrated Systems Testing									
920.001	Procedure and Document Preparation	14DEC07*	250	10DEC08	09DEC08	122		0.00	486,605.50
920.000	Startup Personnel	04NOV08	72	11FEB09	10FEB09	122		0.00	711,219.45
920.004	Begin Start-up Testing	25DEC08	0			122		0.00	0.00



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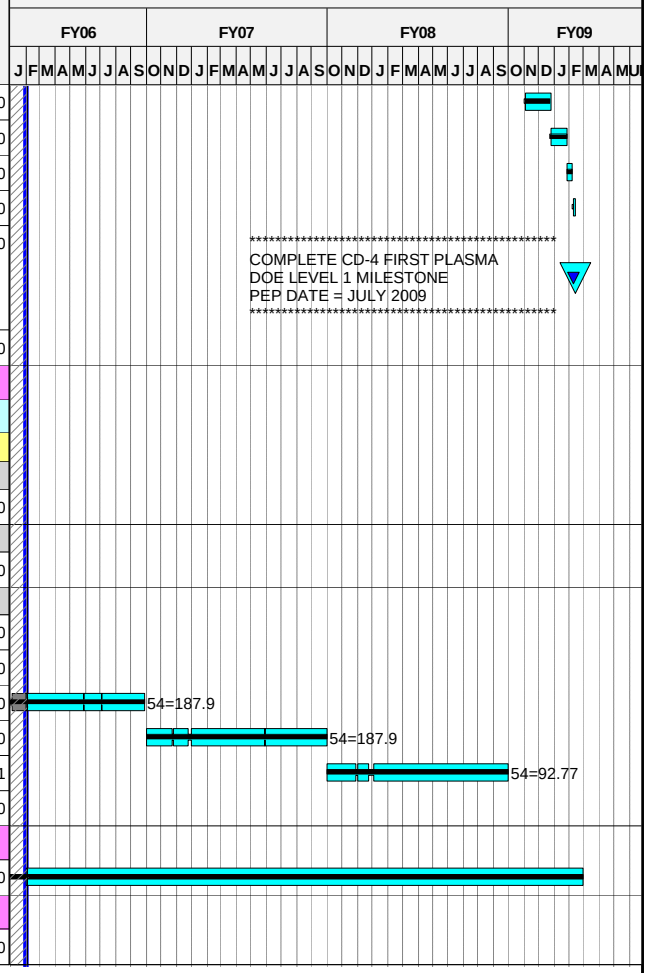
920.005	Punch list,Cmplt PTP's,Reconfig, Rm temp	04NOV08	37	24DEC08	23DEC08	122		0.00	0.00
920.010	Field Coil Testsing,FCPC test & E-Beam	25DEC08	25	28JAN09	27JAN09	122		0.00	0.00
920.020	Final ISTP	29JAN09	7	06FEB09	05FEB09	122		0.00	0.00
920.021	Operations Approval	09FEB09	3	11FEB09	10FEB09	122		0.00	0.00
730.9000	First Plasma		0	11FEB09	10FEB09	122		0.00	0.00
M-0120	CD-4 First Plasma		0	31JUL09*	31JUL09*	0		0.00	0.00
Allocations									
PPPL Allocations									
Job: 8998 - Allocations									
FY04 Actual Cost									
99.04	PPPL Allocations FY04	01OCT03A	256*	30SEP04A	30SEP04A		LOE	260,691.00	260,691.00
Prior Costs									
99.03	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A	30SEP03A		100	112,000.00	112,000.00
99.05	PPPL Allocations FY05	20OCT04A	251*	30SEP05A	30SEP05A		LOE	302,697.00	302,697.00
99.05P	PPPL Allocations FY05 rebaeline re-estimate	01OCT04A	251*	30SEP05A	30SEP05A		LOE	48,151.80	48,151.80
99.06	PPPL Allocations FY06	03OCT05A	250*	29SEP06	29SEP06	765	LOE	104,205.58	329,764.50
99.07	PPPL Allocations FY07	02OCT06*	252*	01OCT07	01OCT07	513		0.00	332,787.30
99.08	PPPL Allocations FY08	01OCT07*	252*	29SEP08	29SEP08	262		0.00	166,336.61
FY05CV-43	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A			56,000.00	56,000.00
+ Contingency									
		01FEB06	783	27FEB09	27FEB09	153		0.00	9,611,881.40
+ DCMA									
		01OCT03A	256	30SEP04A	30SEP04A			75,000.00	75,000.00



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