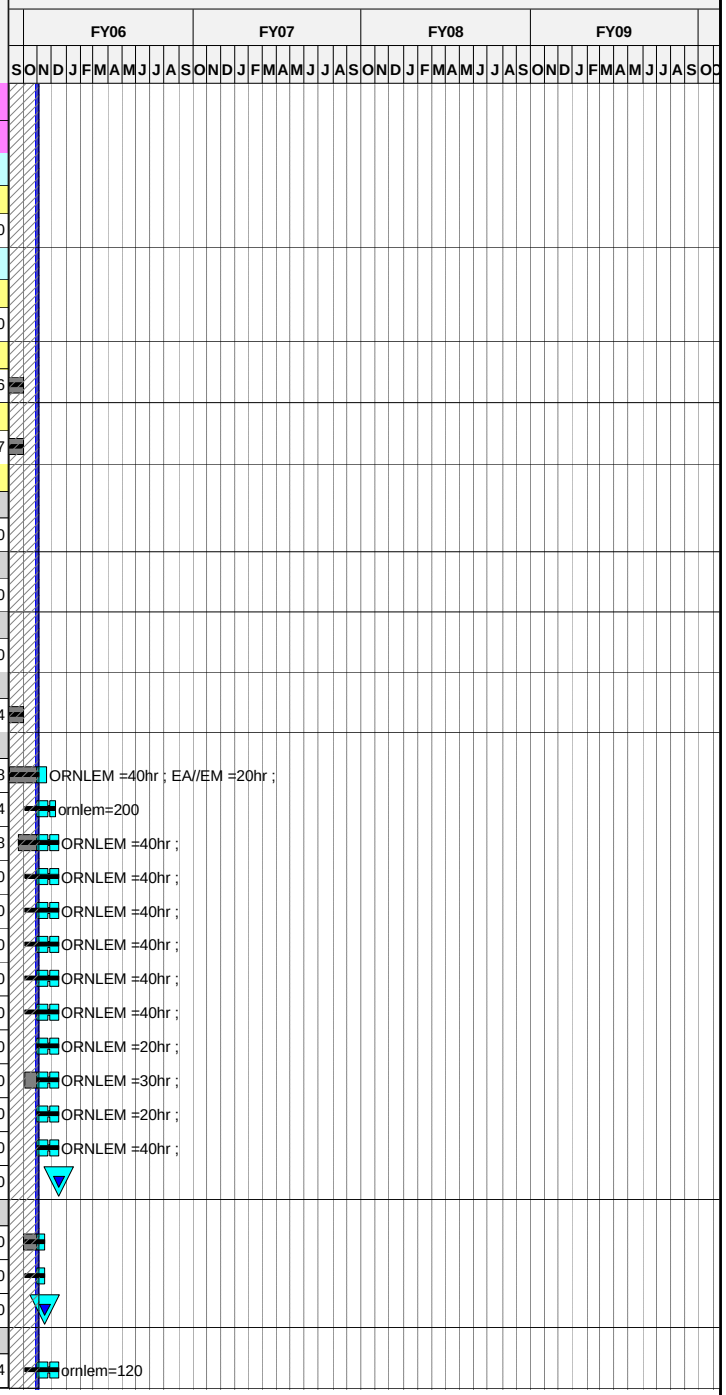
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
cc 9450 - NCSX Fabrication (MIE)									
1 - Stellarator Core Systems									
11 - In-Vessel Components									
+ Job: 1101 - Limiter Adv Conc/Prel Dsn-CLOSED***									
		15JUL03A	78	30SEP03A			100	60.00	60.00
12 - Vacuum Vessel Systems									
+ Job: 1201 - Vacuum Vessel Prelim Dsn-CLOSED****									
		01APR03A	133	07OCT03A			100	424,420.00	424,420.00
+ Job: 1202 - Vacuum Vessel R&D **CLOSED**									
		01APR03A	636	30SEP05A			100	1,770,181.86	1,770,181.86
+ Job: 1206 - VV Field Weld Joint R&D-CLOSED****									
		29APR04A	359	30SEP05A			100	15,639.37	15,639.37
Job: 1203 - Vacuum Vessel Final Dsn-GORANSON									
+ Closeout PDR Design Deliverables									
		01OCT03A	235	31AUG04A			100	34,746.30	34,746.30
+ PDR Recommendations									
		01NOV03A	42	31DEC03A			100	25,738.00	25,738.00
+ Vacuum Vessel Vendor Selection									
		01JUN04A	86	30SEP04A			100	5,782.20	5,782.20
+ FY05 Final Design Tasks									
		01OCT03A	507	30SEP05A			100	744,133.94	744,133.94
Final Design Tasks									
1203-241	Check FMECA Analyses	01SEP05A	57*	18NOV05	980		60	5,969.80	9,949.68
1203-271	Develop Assy Rqmnts spec & process	01NOV05*	26*	08DEC05	324		10	3,347.65	33,476.54
1203-800	Issue VV FP leak check assy dwg	22SEP05A	59*	15DEC05	390		80	5,346.38	6,682.98
1203-801	Issue VV FP final assy dwg	01NOV05*	31*	15DEC05	390			0.00	6,748.00
1203-802	Issue spacer machining dwgs	01NOV05*	31*	15DEC05	390			0.00	6,748.00
1203-803	Issue VV final assy dwg	01NOV05*	31*	15DEC05	319			0.00	6,748.00
1203-804	Issue VV assy specification	01NOV05*	31*	15DEC05	319			0.00	6,748.00
1203-806	Establish interface reqmnts	01NOV05*	31*	15DEC05	963			0.00	6,748.00
1203-815	Cleanup interfaces cleanup interfaces with other	01NOV05*	31*	15DEC05	963			0.00	3,374.00
1203-820	BOM for all VV parts	03OCT05A	52*	15DEC05	963		20	1,012.20	5,061.00
1203-825	develop acquisiton plan for all vv components	01NOV05*	31*	15DEC05	963			0.00	3,374.00
1203-830	conduct mini fdr/procurement reviews	01NOV05*	31*	15DEC05	963			0.00	6,748.00
1203-901	**WBS 12 FINAL FDR **		0	15DEC05	390			0.00	0.00
VV Personnel Access Port									
1203-950	Personnel Access Port Drawings	01OCT05A	34*	17NOV05	981			0.00	0.00
1203-951	Personnel Access Port Analysis	01NOV05A	13*	17NOV05	981			0.00	0.00
12003-952	Personnel Access Port FDR		0	17NOV05	981			0.00	0.00
VV Heating/Cooling Tubing									
1203-805	Redo CC heating/coolinbg tube dwgs& analysis	01NOV05	31*	15DEC05	321		75	14,984.13	19,978.84



Run Date 17NOV05 13:14

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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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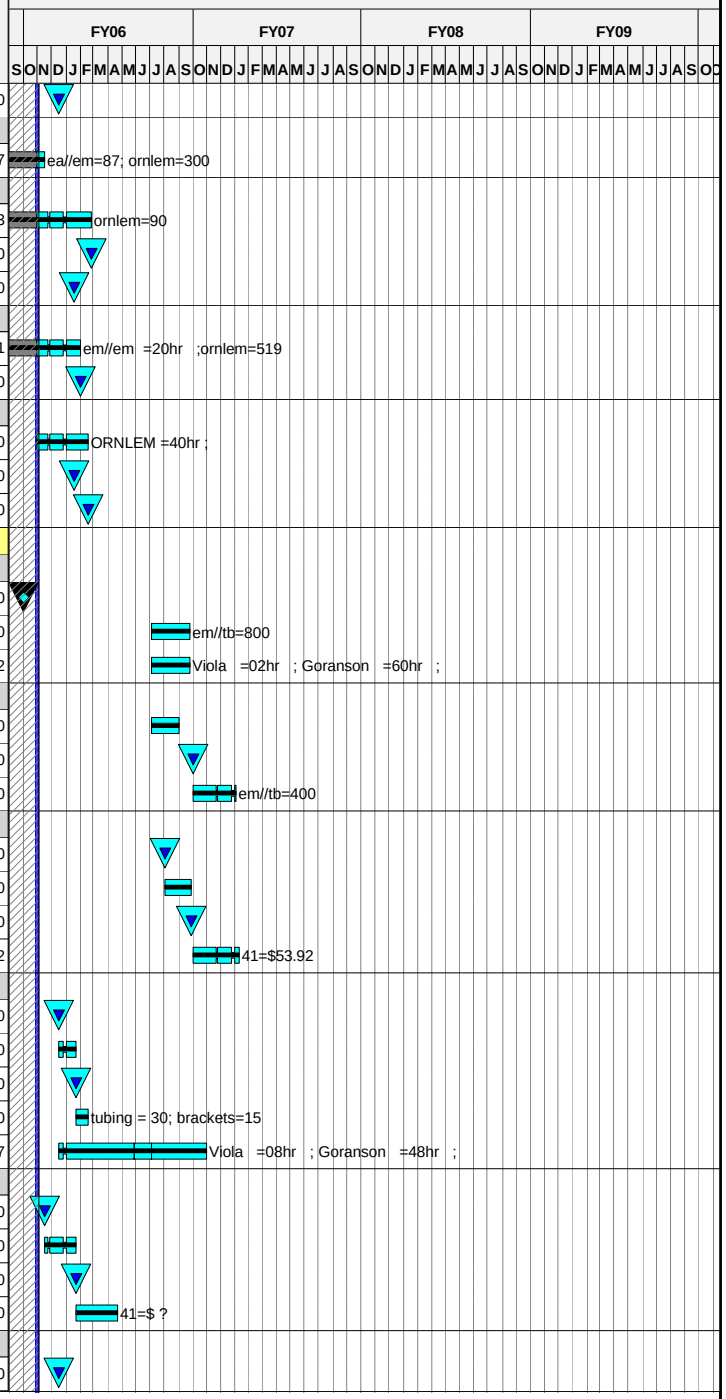
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
1203-805F	Heating/coolinbg tube FDR		0	15DEC05	963			0.00	0.00
VV Heater Tape									
122-012	Heater Tape Design	02MAY05A	140*	15NOV05	410		75*	46,493.53	61,991.37
VV Local I&C									
125-011	Final design WBS 125 local I&C	01MAR05A	247*	22FEB06	347		80*	11,539.38	14,424.23
125-011F	FDR (Define HW & SW rqmnts)		0	22FEB06*	920			0.00	0.00
125-011P	PDR (define rqmnts & sys architecture)		0	18JAN06*	945			0.00	0.00
Thermal Insulation									
122-011	Final design WBS 122 Thermal insulation	01JUN04A	416*	31JAN06	221		85	69,895.93	82,230.51
122-011F	FDR Thermal Insulation		0	31JAN06	221			0.00	0.00
SRX Diagnostic VV Design									
1203-810	resolve design pockets for soft x ray arrays	01NOV05*	70*	16FEB06	924			0.00	6,748.00
1203-810P	soft x ray array PDR		0	19JAN06*	944			0.00	0.00
1203-810F	soft x ray array FDR		0	16FEB06*	924			0.00	0.00
Job:1204-VV Sys Procurements (non VVSA)-GORANSON									
VV Vertical Supports									
124-030.0	Release dwg package for fab VV Vertical Supports	30SEP05A	0					0.00	0.00
124-037	PPPL Fab VV Vert. Supports WBS 124	03JUL06*	60	25SEP06	287			0.00	65,152.00
124-031	Title III engr WBS 124	03JUL06*	60	25SEP06	287			0.00	10,469.02
VV Lateral Supports									
124-030L	SPEA VV Lateral Supports WBS 124	03JUL06*	43	31AUG06	244			0.00	0.00
124-036.9L	Award VV Lateral Supports WBS 124		0	02OCT06*	222			0.00	0.00
124-037L	VV Lateral Supports Fab by PPPL WBS 124	03OCT06	60	04JAN07	222			0.00	33,288.00
VV Personnel Access Port									
124-100	Issue req & dwg package NB port cover	02AUG06*	0		223			0.00	0.00
124-110	SPEA VV NB port cover	02AUG06	43	29SEP06	223			0.00	0.00
124-120	Award VV NB port cover		0	29SEP06	223			0.00	0.00
124-130	VV NB port cover Fabrication	02OCT06	65	10JAN07	223			0.00	73,924.32
VV Heating/Cooling Tubing									
123-030.0	Issue Proc Pkg for VV H/C Tubing WBS 123	16DEC05*	0		386			0.00	0.00
123-030	Issue RFQ & Select Vendor VV H/C Tubing WBS 123	16DEC05	20	20JAN06	386			0.00	0.00
123-036.9	Award H/C Tubing WBS 123		0	20JAN06	386			0.00	0.00
123-037	Fabricate and Deliver H/C Tubing WBS 123	23JAN06	20	17FEB06	386			0.00	61,695.00
123-031	Title III engr WBS 122	16DEC05	220	31OCT06	743			0.00	9,504.07
VV Heater Tape									
122-012A	Issue Proc Pkg for VV Heater Tape	16NOV05	0		421			0.00	0.00
122-012B	Issue RFQ &Select Vendor for Heater Tape	16NOV05	40	20JAN06	421			0.00	0.00
122-012C	Award Heater Tape		0	20JAN06	421			0.00	0.00
122-012D	Fabricate and Deliver Heater Tape	23JAN06	65	21APR06	421			0.00	0.00
VV H/C Manifolds & Headers									
123-130.0	Issue Proc Pkg for VV H/C Manifolds WBS 123	16DEC05	0		321			0.00	0.00



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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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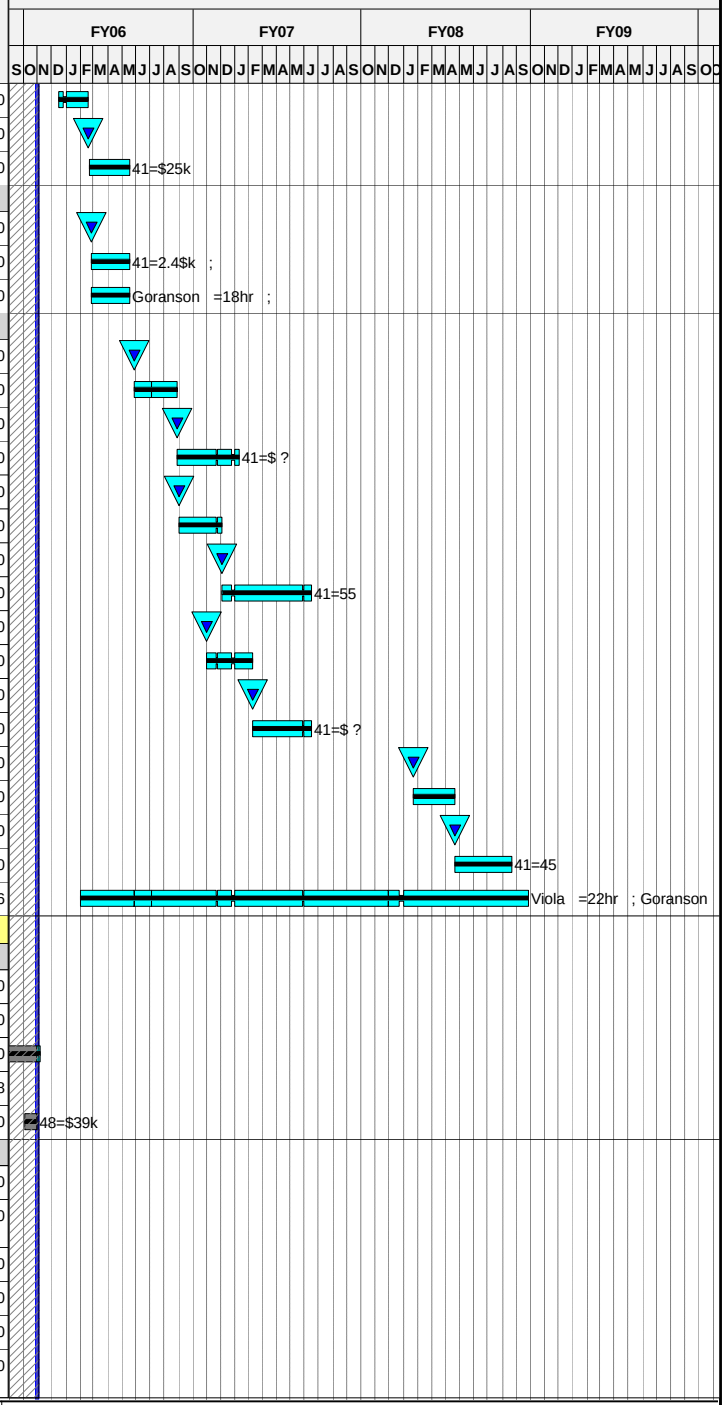
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
123-130	Issue RFQ &Select Vendor VV H/C Manifold WBS	16DEC05	40	17FEB06	321			0.00	0.00
123-136.9	Award H/C Manifolds WBS 123		0	17FEB06	321			0.00	0.00
123-137	Fabricate and Deliver H/C ManifoldsWBS 123	20FEB06	65	19MAY06	321			0.00	34,275.00
VV Local I&C									
125-036	Issue Procurement Package Local I&C WBS 125	23FEB06*	0		347			0.00	0.00
125-037	Procurement Local I&C WBS 125	23FEB06	60	17MAY06	347			0.00	3,290.40
125-015	Title III design Local I&C WBS 125	23FEB06	61	18MAY06	859			0.00	3,036.60
Thermal Insulation									
122-050	Prep spec and req Blanket Thermal Insulation	30MAY06*	0		138			0.00	0.00
122-055	SPEA Blanket Thermal Insulation	30MAY06	65	29AUG06	138			0.00	0.00
122-060	Award Blanket Thermal Insulation		0	29AUG06	138			0.00	0.00
122-065	Deliver Blanket Thermal Insulation	30AUG06	89	11JAN07	138			0.00	0.00
123-035	Issue Proc Pkg for insulation boots WBS 122	04SEP06*	0		133			0.00	0.00
123-040	Issue RFQ & Select Vendor insul boots WBS 122	04SEP06	65	05DEC06	133			0.00	0.00
123-045	Award Insulation Boots WBS 122		0	05DEC06	133			0.00	0.00
123-050	Fabricate& Deliver Insul Boots WBS 122	06DEC06	130	14JUN07	133			0.00	75,405.00
122-040	Prep spec and req Port Thermal Insulation	31OCT06*	0		133			0.00	0.00
122-035	SPEA Port Thermal Insulation	31OCT06	65	08FEB07	133			0.00	0.00
122-041	Award Port Thermal Insulation		0	08FEB07	133			0.00	0.00
122-051	Deliver Port Thermal Insulation	09FEB07	89	14JUN07	133			0.00	0.00
122-030.0	Prep spec and req Pourable Insulation	22JAN08*	0		123			0.00	0.00
122-030	SPEA Pourable Insulation	22JAN08	65	21APR08	123			0.00	0.00
122-036.9	Award Pourable Insulation		0	21APR08	123			0.00	0.00
122-037	Deliver Pourable Insulation	22APR08	89	22AUG08	123			0.00	63,225.00
122-031	Title III engr WBS 122	01FEB06	673	26SEP08	263			0.00	25,461.76
Job: 1250 - Vacuum Vessel Fabrication-VIOLA									
Start Up/Engineering									
VVSA-001	Process Order	24SEP04A	256*	29JUL05A			100	0.00	0.00
VVSA-011	Sect 5.1 Segmentation Scheme	04NOV04A	5	19NOV04A			100	96,075.00	96,075.00
VVSA-021	Sect 5.1.2 Fiducials	29NOV04A	242*	04NOV05	1,009		98	0.00	0.00
VVSA-031	Sect 5.1.3 Proc Outline & Asc Procedures	24SEP04A	152	31MAY05A			100	121,675.78	121,675.78
VVSA-035	Trinos Flanges	03OCT05A	20	31OCT05A			100	39,000.00	39,000.00
Dies & Gages									
VVSA-041	Engineering	20SEP04A	91*	31JAN05A			100	0.00	0.00
VVSA-051	Procure Die Materials (4 sets)	10JAN05A	59*	13MAR05A			100	315,000.00	315,000.00
121-100	S005243 #1-Die Material Procured		0	31MAR05A			100	0.00	0.00
VVSA-061	Machine Complete	01FEB05A	64*	29APR05A			100	0.00	0.00
VVSA-071	Deburr	01FEB05A	64	31MAY05A			100	0.00	0.00
VVSA-081	Inspection	01FEB05A	65	31MAY05A			100	340,640.00	340,640.00



Run Date 17NOV05 13:14

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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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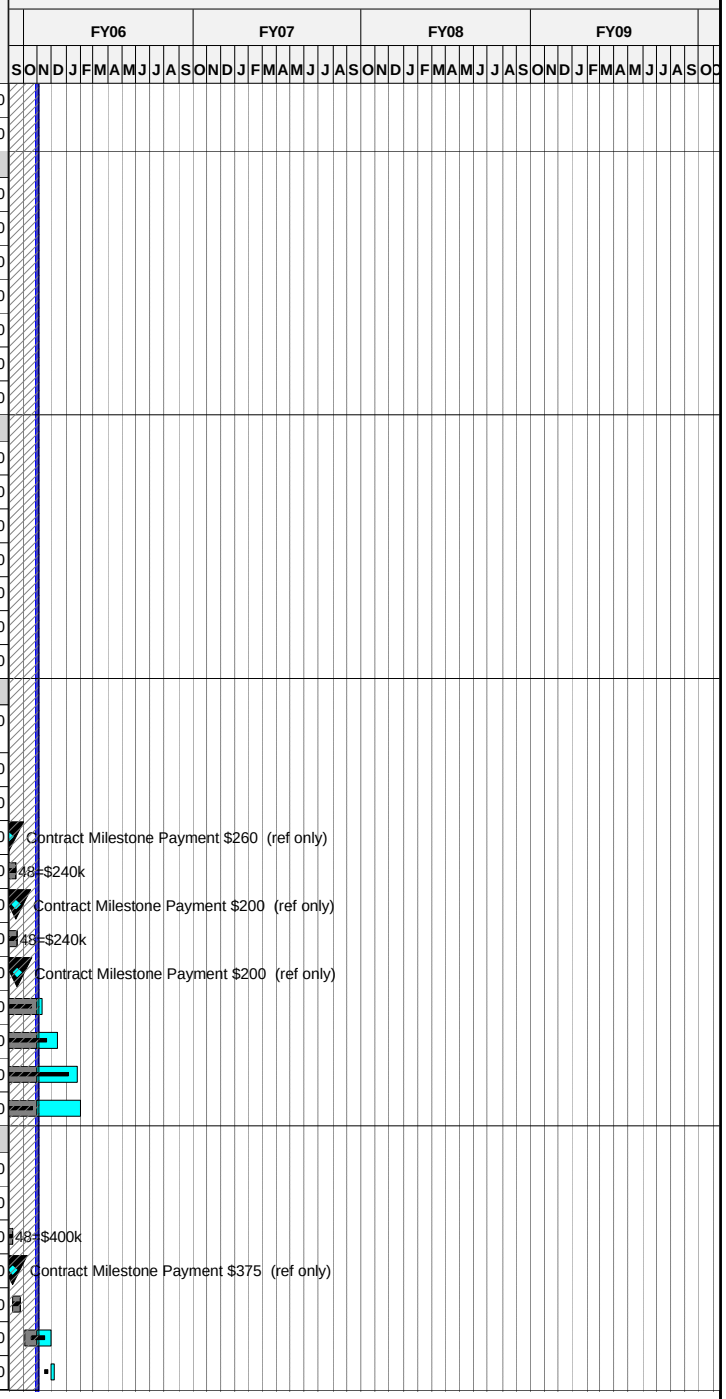
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
VVSA-091	Development Panels (9 panels)	31MAR05A	25	10JUN05A			100	0.00	0.00
121-115	S005243 #4-Dies Manufactured		0	10JUN05A			100	0.00	0.00
Fixture (2) 60 degree									
VVSA-101	Engineering	25OCT04A	109*	31MAR05A			100	0.00	0.00
VVSA-111	Procure Materials	07MAR05A	0*	30MAR05A			100	0.00	0.00
VVSA-121	Fab & Machine	14MAR05A	36	10JUN05A			100	0.00	0.00
VVSA-131	Assemble	28MAR05A	26	17JUN05A			100	0.00	0.00
VVSA-141	Deburr	06MAY05A	6	20JUN05A			100	0.00	0.00
VVSA-151	Inspection First	13MAY05A	9	23JUN05A			100	0.00	0.00
VVA-152	Inspection Second		0	23JUN05A			100	0.00	0.00
Fixture (3) 120 degree									
VVSA-161	Engineering	15APR05A	5	08JUN05A			100	0.00	0.00
VVSA-171	Procure Materials	08JUN05A	5	13JUN05A			100	220,000.00	220,000.00
121-110	S005243 #3-Fixture material procured		0	13JUN05A			100	0.00	0.00
VVSA-181	Fab & Machine	13JUN05A	82*	29JUL05A			100	0.00	0.00
VVSA-191	Assemble	22JUN05A	78*	29JUL05A			100	0.00	0.00
VVSA-201	Deburr	04JUL05A	75*	29JUL05A			100	0.00	0.00
VVSA-211	Inspection -	30JUN05A	48*	29JUL05A			100	0.00	0.00
Panels & Ports									
VVSA-221	Procure Vessel Material	29OCT04A	127	31MAY05A			100	471,490.00	471,490.00
121-105	S005243 #2-Vessel material procured		0	31MAY05A			100	0.00	0.00
VVSA-231	Production Panels Period #1 LOT 4	22APR05A	94*	12AUG05A			100	260,000.00	260,000.00
121-120	S005243 #5-1/3 of Vessel plates formed		0	23AUG05A			100	0.00	0.00
VVSA-241	Production Panels Period #2 LOT 5	28JUN05A	69*	12SEP05A			100	240,000.00	240,000.00
121-125	S005243 #6-Second 1/3 of vsl plates formed		0	12SEP05A			100	0.00	0.00
VVSA-251	Production Panels Period #3 LOT 6	28JUN05A	69*	16SEP05A			100	240,000.00	240,000.00
121-130	S005243 #7-Last 1/3 of vsl plates formed		0	16SEP05A			100	0.00	0.00
VVSA-261	Port Ext, Misc HW Period #1 LOT 7	04APR05A	157*	08NOV05	342		92	0.00	0.00
VVSA-271	Port Ext, Misc HW Period #2 LOT 8	04APR05A	181*	12DEC05	420		70	0.00	0.00
VVSA-281	Port Ext, Misc HW Period #3 LOT 9	04APR05A	211*	23JAN06	501		60	0.00	0.00
VVSA-291	Spacer & port Ext Fixture LOT 13	06JUN05A	171*	30JAN06	542		98	0.00	0.00
First 120 deg segment									
VVSA-301	1st 60 deg segment	10JUN05A	59*	12AUG05A			100	175,000.00	175,000.00
VVSA-311	2nd 60 deg segment	23JUN05A	50*	15AUG05A			100	175,000.00	175,000.00
VVSA-321	Join two pieces	15AUG05A	35	08SEP05A			100	50,000.00	50,000.00
121-135	S005243 #8-One VVSA fabricated		0	08SEP05A			100	0.00	0.00
VVSA-331	Machine for Ports	08SEP05A	0*	23SEP05A			100	95,000.00	95,000.00
VVSA-341	Weld Ports	03OCT05A	41*	28NOV05	328		40	30,000.00	75,000.00
VVSA-361	Vacuum Test	29NOV05	7*	07DEC05	328			0.00	60,000.00



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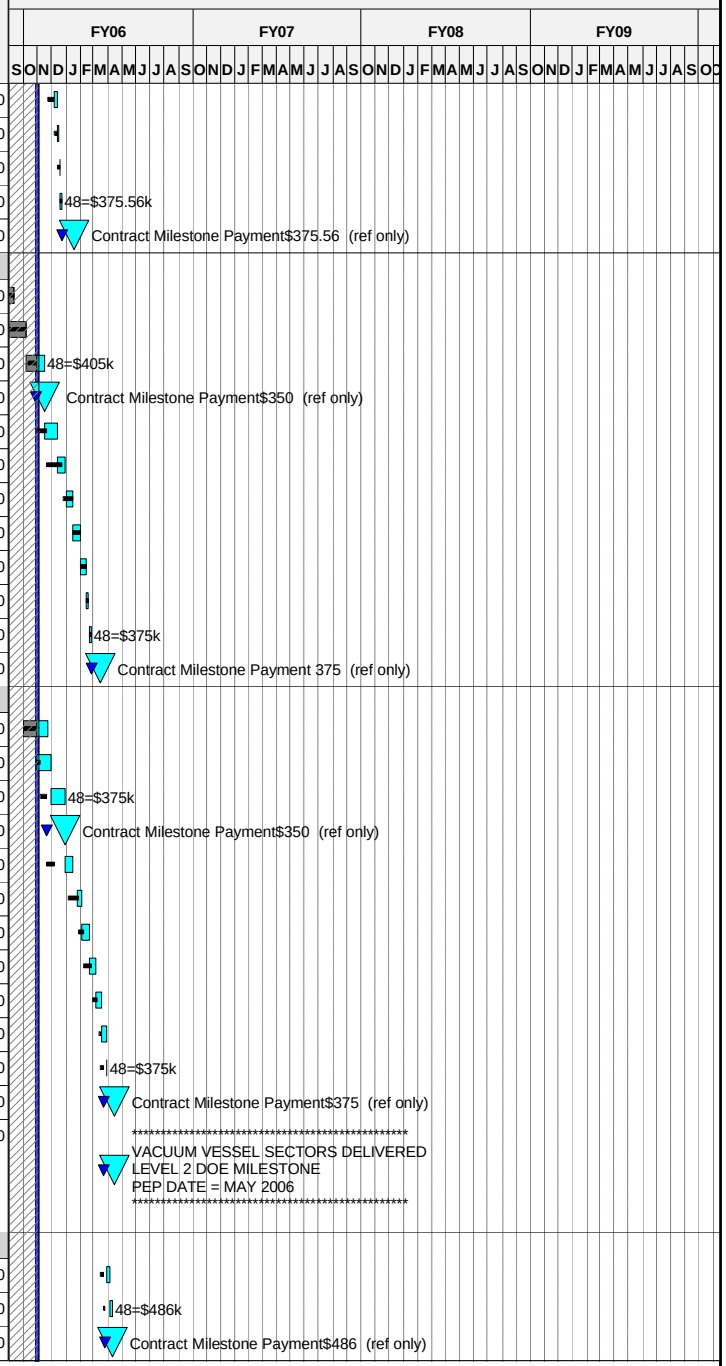
ECP-39 Status
xecp-39 baseline
Progress Bar
Critical Activity

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
VVSA-371	Cut Off Ports	08DEC05*	3*	12DEC05	328			0.00	50,000.00
VVSA-351	Final Machine	13DEC05*	4*	16DEC05	328			0.00	50,000.00
VVSA-381	Inspect & Pack for Shipping LI#4	19DEC05*	2*	20DEC05	328			0.00	23,000.00
VVSA-391	Receive at PPPL	21DEC05	3*	23DEC05	328			0.00	22,560.00
121-150	S005243 #11-Receipt/Acceptance of 1st VVSA		0	17JAN06*	311			0.00	0.00
Second 120 deg segment									
VVSA-401	60 deg segment	12AUG05A	36*	09SEP05A			100	175,000.00	175,000.00
VVSA-411	60 deg segment	26AUG05A	47*	07OCT05A			100	175,000.00	175,000.00
VVSA-421	Join two pieces	07OCT05A	29*	16NOV05	420		55	30,250.00	55,000.00
121-140	S005243 #9-Second VVSA fabricated		0	16NOV05	420			0.00	0.00
VVSA-431	Machine for Ports	17NOV05*	18*	12DEC05	420			0.00	95,000.00
VVSA-441	Weld Ports	13DEC05*	14*	30DEC05	420			0.00	75,000.00
VVSA-461	Vacuum Test	02JAN06	11*	16JAN06	420			0.00	60,000.00
VVSA-471	Cut Off Ports	17JAN06*	10*	30JAN06	420			0.00	50,000.00
VVSA-451	Final Machine	31JAN06*	10*	13FEB06	420			0.00	50,000.00
VVSA-481	Inspect & pack for Shipping LI#4	14FEB06*	4*	17FEB06	420			0.00	23,000.00
VVSA-491	Receive at PPPL	21FEB06	4	24FEB06*	419			0.00	22,000.00
121-155	S005243 #12-Receipt /Acceptance of 2nd VVSA		0	15MAR06*	406			0.00	0.00
Third 120 deg segment									
VVSA-501	60 deg segment	30SEP05A	37*	21NOV05	511		15	24,750.00	165,000.00
VVSA-511	60 deg segment	01NOV05*	20*	28NOV05	506			0.00	165,000.00
VVSA-521	Join two pieces	29NOV05*	22*	28DEC05	506			0.00	45,000.00
121-145	S005243 #10-Third VVSA fabricated		0	28DEC05	506			0.00	0.00
VVSA-531	Machine for Ports	29DEC05*	13*	16JAN06	506			0.00	95,000.00
VVSA-541	Weld Ports	24JAN06*	9*	03FEB06	501			0.00	75,000.00
VVSA-561	Vacuum Test	06FEB06*	11*	20FEB06	501			0.00	60,000.00
VVSA-571	Cut Off Ports	21FEB06*	10*	06MAR06	501			0.00	50,000.00
VVSA-551	Final Machine	07MAR06*	10*	20MAR06	501			0.00	50,000.00
VVSA-581	Inspect & Pack for Shipping LI#4	21MAR06*	6*	28MAR06	501			0.00	23,000.00
VVSA-591	Receive at PPPL	29MAR06	1*	29MAR06	501			0.00	22,000.00
121-160	S005243 #13-Receipt/Acceptance of 3rd VVSA		0	14APR06*	489			0.00	0.00
121-038.1	All Vacuum Vessel Sections (3) Delivered		0	14APR06	489			0.00	0.00
Ship Tooling									
VVSA-601	Pack Tooling for PPPL	29MAR06	5	04APR06	898			0.00	0.00
VVSA-611	PPPL Receive Tooling	05APR06	4	10APR06	898			0.00	486,000.00
121-165	S005243 #14-Delivefy of tooling,dies,fixtures		0	10APR06*	898			0.00	0.00



Run Date 17NOV05 13:15

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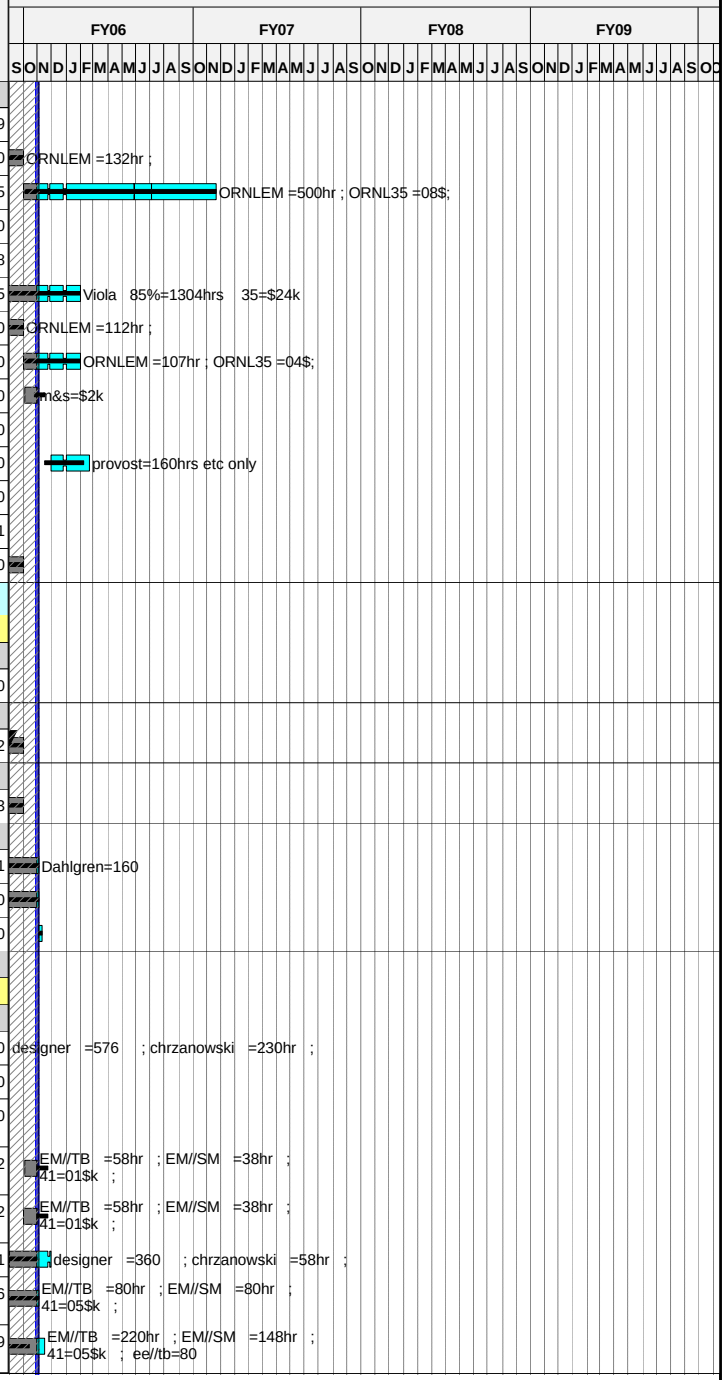
ECP-39 Status
xecp-39 baseline
Progress Bar
Critical Activity

0510

NCSX
OCTOBER 2005 STATUS against ECP-39 Baseline

Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
121-031	VVSA Title III engr	21MAY04A	631	28FEB05A			LOE	27,753.79	27,753.79
121-034	VVSA Title III engr	01MAR05A	152*	30SEP05A			LOE	20,460.00	20,460.00
121-034.1	VVSA Title III engr	01OCT05A	288*	22NOV06	727		LOE	6,768.20	92,715.05
121-032	VVSA Contract oversight FY04	21MAY04A	386*	30SEP04A			LOE	20,052.50	20,052.50
121-033	VVSA Contract oversight FY05	01OCT04A	290*	28FEB05A			LOE	75,267.38	75,267.38
121-035	VVSA Contract oversight FY05 & FY06	01MAR05A	231*	31JAN06	936		LOE	191,537.24	255,723.95
121-035.1	ORNL fesign support during MTM Contract	01MAR05A	152*	30SEP05A			LOE	17,360.00	17,360.00
121-035.2	ORNL design support during MTM Contract	01OCT05A	79*	31JAN06	936		LOE	5,883.63	22,118.90
121-036	Ship vac equipt from PPPL to MTM for vac testing	03OCT05A	15	31OCT05A			100	2,742.00	2,742.00
121-037	Purchase seals and ship to MTM	25APR05A	70*	29JUL05A			100	42,447.20	42,447.20
121-038	assist MTM testing of VVSA	29NOV05	54*	20FEB06	488			0.00	0.00
121-039	Design Seal Template	01MAR05A	20	31MAR05A			100	2,480.00	2,480.00
121-141	Fabricate Seal Template and ship to MTM	01MAR05A	65	31MAR05A			100	4,240.11	4,240.11
FY05CV-4	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-49,000.00	-49,000.00
13 - Conventional Coils									
Job: 1301 - TF Design-KALISH									
+ Preliminary Design									
		01OCT03A	355	28FEB05A			100	471,974.00	471,974.00
+ Final Design									
		01FEB05A	172	30SEP05A			100	164,053.52	164,053.52
+ Prior Costs									
		01APR03A	636	30SEP05A				283,695.13	283,695.13
Final Design Closeout									
1301FD-05	Anaylsis Check	01MAR05A	174*	01NOV05	993		90	23,950.00	26,611.11
1301R-37	Prepare Coil Spec	01MAR05A	174*	01NOV05	342		85	0.00	0.00
1301FD-84	TF Coil Fabrication & assy package approved	02NOV05	5	08NOV05	341			0.00	0.00
Job: 1350 TF Coil Fab Preparation-CHRZANOWSKI									
1350-100	Design tooling & winding facility	01MAR05A	152*	31AUG05A			100	96,961.10	96,961.10
1350-500	Recondition turnkng fixture	21MAR05A	88*	30JUN05A			100	33,232.20	33,232.20
1350-605	Install winding table	01JUN05A	50*	30JUN05A			100	24,655.80	24,655.80
1350-610	Setup copper delivery system	03OCT05A	15	31OCT05A			100	11,240.32	11,240.32
1350-615	Install taping machine	01OCT05A	15	31OCT05A			100	11,240.32	11,240.32
1350-100.1	Design tooling & winding facility	01SEP05A	63*	30NOV05	327		85	42,433.02	49,921.21
1350-505	Winding Clamps	02MAY05A	130*	01NOV05	357		85	18,064.09	21,251.86
1350-600	Build Cleanroom	28MAR05A	164*	14NOV05	348		95	42,674.58	44,991.79



Run Date 17NOV05 13:15

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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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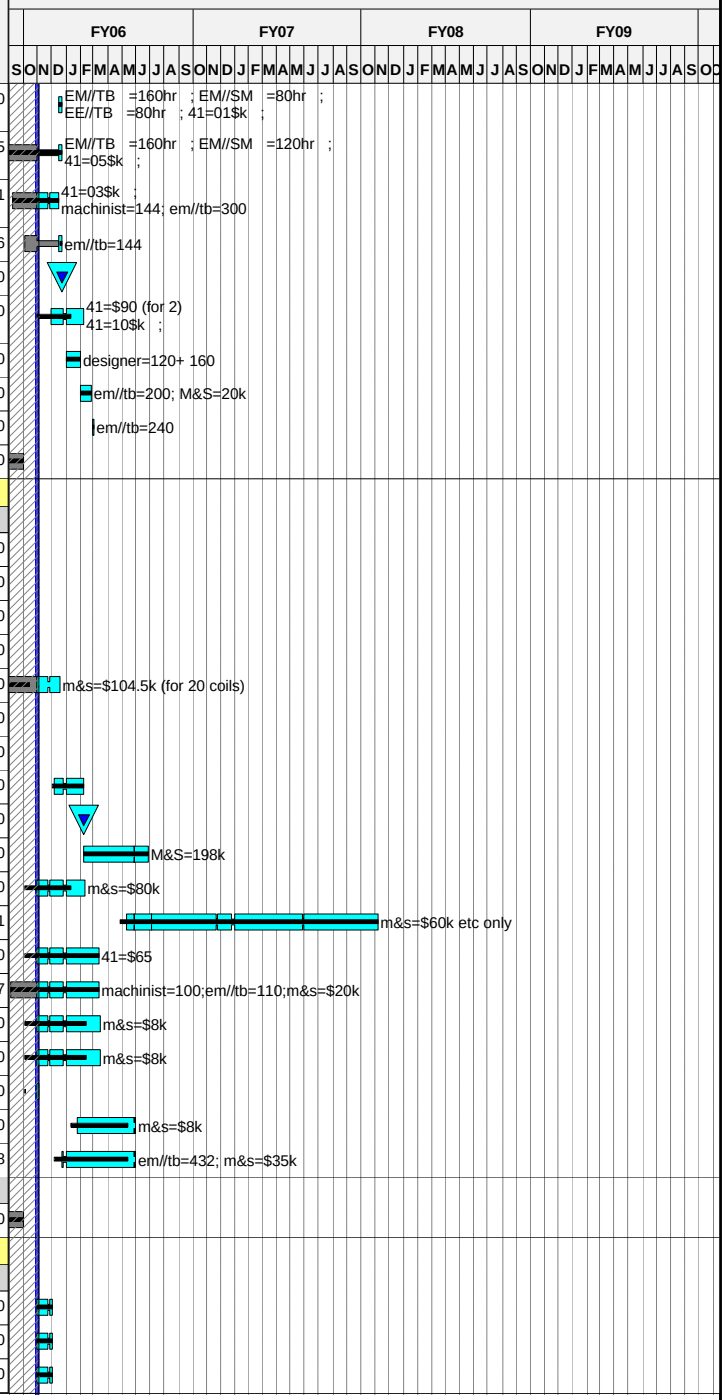
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
1350-510	Taping Machine Conditioning	16DEC05*	6*	23DEC05	321		50	15,610.30	31,220.60
1350-515	Winding mandrel	01JUL05A	93*	23DEC05	321		30	8,680.62	32,203.95
1350-520	Misc tools & equipt	08SEP05A	69*	15DEC05	327		70	31,923.79	45,605.41
1351-089	Fab Lift Fixture	03OCT05A	28*	23DEC05	321		40	4,690.94	11,727.36
1350-620	Complete setup of facility		0	23DEC05*	321			0.00	0.00
1350-525	TF mold (2)	01DEC05*	44	08FEB06	327			0.00	123,390.00
1351-080	Design Assy Fixture	03JAN06*	20	30JAN06	430			0.00	32,432.40
1351-086	Fab/Assemble Fixture	31JAN06	19	24FEB06	430			0.00	43,708.00
1351-088	Setup Wedge Casting Fixture & test	27FEB06	5	03MAR06	430			0.00	19,545.60
FY05CV-7	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				135,000.00	135,000.00
Job: 1351 - TF Coil Fabr Supplies-KALISH									
TF Materials & Supplies									
1301FD-72	TF Conductor Procurement Package approved	31MAY05A	5	31MAY05A			100	0.00	0.00
1301FD-74	Prepare & issue TF Conductor RFP	31MAY05A	23*	03JUN05A			100	0.00	0.00
1301FD-76	Evaluate bids and award TF conductor	06JUN05A	0*	30JUN05A			100	0.00	0.00
1301FD-77	Award TF conductor		0	30JUN05A			100	0.00	0.00
1351-529	Coil Supplies- Deliver Copper Conductor(PE005935	01JUL05A	120*	20DEC05	264		100	133,864.50	133,864.50
1301FD-78	TF Wedge Plate procurement package approved	29JUL05A	5	29JUL05A			100	0.00	0.00
1301FD-80	Prepare and Issue TF Wedge Plate RFP	12AUG05A	5	18AUG05A			100	0.00	0.00
1301FD-82	Update spec, rebid and award Wedge Plate Fabr	05DEC05	41	07FEB06	347			0.00	0.00
1351-85C	Award TF Castings		0	07FEB06	348			0.00	0.00
1351-85D	Vendor Fab TF Castings	08FEB06	100	28JUN06	348			0.00	271,458.00
1351-525	Coil Supplies- Insulation (PE6299)	01NOV05	65	09FEB06	326			0.00	109,680.00
1351-527	Coil Supplies- Epoxy	12MAY06	378*	07NOV07	187			0.00	82,411.11
1351-531	Coil Supplies- G-11 fillers (PE006162)	01NOV05	87*	13MAR06	271			0.00	89,115.00
1351-533	Coil Supplies- Lead Blocks(pe6134 for copper)	03SEP05A	128*	13MAR06	271		M&S	32,025.00	53,322.27
1351-535	Coil Supplies- Safety & PPE equipt & supplies	01NOV05	88	14MAR06	270			0.00	10,968.00
1351-537	Coil Supplies- Misc supplies	01NOV05	88	14MAR06	270			0.00	10,968.00
1351-539	Coil Supplies- Primer**NOT REQ'D**)	01NOV05	1	01NOV05	357			0.00	0.00
1351-541	VPI Supplies- Misc VPI supplies	26JAN06	88	30MAY06	261			0.00	10,968.00
1351-543	VPI Supplies- Disposable VPI HW	22DEC05	107	30MAY06	261			0.00	83,167.08
FY05CV-8	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				14,000.00	14,000.00
Job: 1361 - TF Fabrication-CHRZANOWSKI									
TF Title III and Fabrication Oversight									
131-001	Wedge Casting Specification Revision	01NOV05*	22*	02DEC05	347			0.00	0.00
131-002	Wedge casting analysis revision	01NOV05*	22*	02DEC05	347			0.00	0.00
131-003	Addendum to TF coil specification for QC rqmnts	01NOV05*	22*	02DEC05	967			0.00	0.00



Run Date 17NOV05 13:15

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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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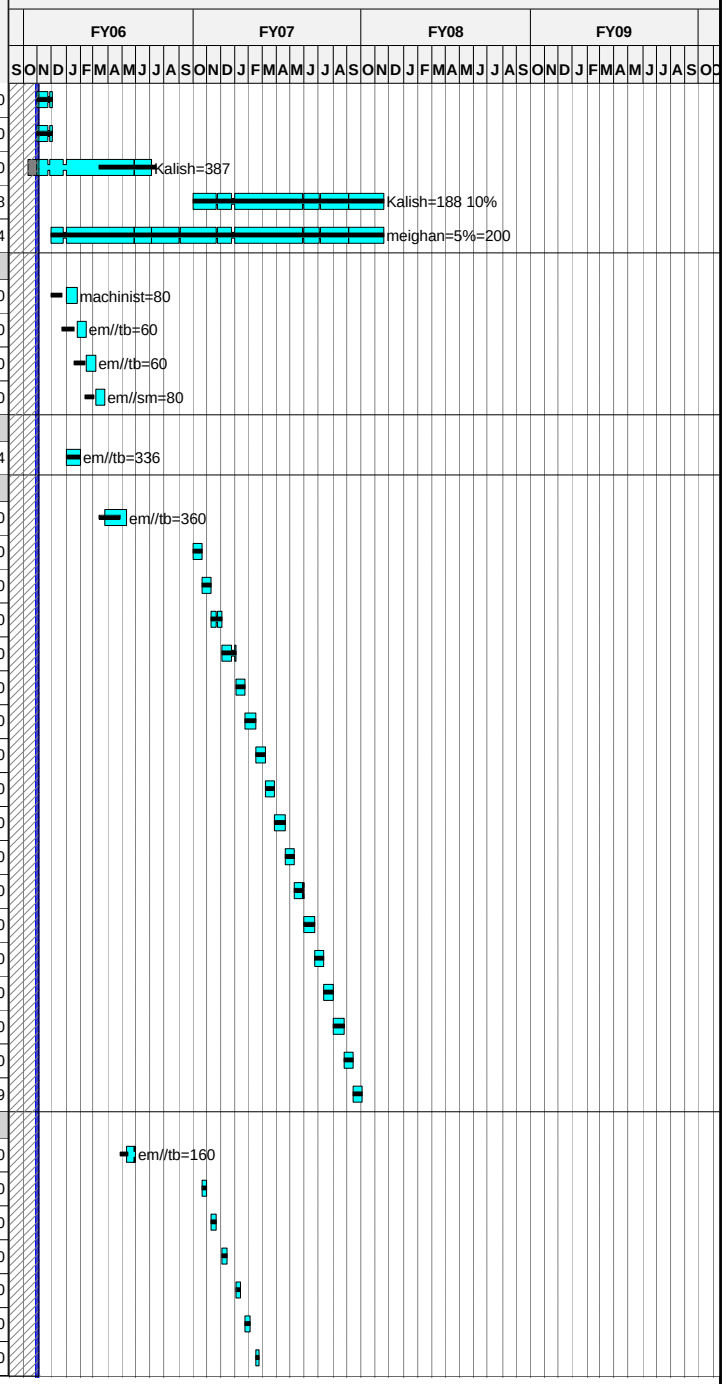
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
131-004	Presentation of design & rqmnts for Chinese	01NOV05*	22*	02DEC05	967			0.00	0.00
131-005	Pre-trip review of rqmnts counterparts	01NOV05*	22*	02DEC05	967			0.00	0.00
131-031	Title III engr (FDR through 1st coil test 75%)	10OCT05A	182*	03JUL06	823			5,937.90	67,476.10
131-032	Title III engr (completion of coils 10%)	02OCT06	285*	19NOV07	186			0.00	33,569.28
131-033	Winding operations field oversight	01DEC05*	493*	19NOV07	476			0.00	26,015.14
TF Braze Qualification									
1351-512	Prepare braze samples	03JAN06*	15	23JAN06	261			0.00	10,256.00
1351-513	Develop brzae techniques	24JAN06	15	13FEB06	261			0.00	4,886.40
1351-514	Braze conductor samples	14FEB06	15	06MAR06	261			0.00	4,886.40
1351-515	Test brazed samples	07MAR06	15	27MAR06	261			0.00	10,256.00
Conductor Prep									
1351-547	Conductor Preparation	03JAN06*	21	31JAN06	311			0.00	27,363.84
Coil Winding									
1351-549	Wind Coil #1	28MAR06	33	11MAY06	261			0.00	29,318.40
1351-551	Wind Coil #2	02OCT06*	15	20OCT06	187			0.00	22,469.40
1351-553	Wind Coil #3	23OCT06	15	10NOV06	187			0.00	16,644.00
1351-555	Wind Coil #4	13NOV06	15	05DEC06	187			0.00	16,644.00
1351-557	Wind Coil #5	06DEC06	15	03JAN07	187			0.00	6,657.60
1351-559	Wind Coil #6	04JAN07	15	24JAN07	187			0.00	6,657.60
1351-561	Wind Coil #7	25JAN07	15	14FEB07	187			0.00	6,657.60
1351-563	Wind Coil #8	15FEB07	15	07MAR07	187			0.00	6,657.60
1351-565	Wind Coil #9	08MAR07	15	28MAR07	187			0.00	6,657.60
1351-567	Wind Coil #10	29MAR07	15	18APR07	187			0.00	6,657.60
1351-569	Wind Coil #11	19APR07	15	09MAY07	187			0.00	6,657.60
1351-571	Wind Coil #12	10MAY07	15	31MAY07	187			0.00	6,657.60
1351-573	Wind Coil #13	01JUN07	15	21JUN07	187			0.00	6,657.60
1351-575	Wind Coil #14	22JUN07	15	12JUL07	187			0.00	6,657.60
1351-577	Wind Coil #15	13JUL07	15	02AUG07	187			0.00	6,657.60
1351-579	Wind Coil #16	03AUG07	15	23AUG07	187			0.00	6,657.60
1351-581	Wind Coil #17	24AUG07	15	13SEP07	187			0.00	6,657.60
1351-583	Wind Coil #18	14SEP07	15	04OCT07	187			0.00	6,705.39
Ground Wrap & Mold Application									
1351-649	GW & Apply Mold Coil #1	12MAY06	12	30MAY06	261			0.00	13,030.40
1351-651	GW & Apply Mold Coil #2	23OCT06	7	31OCT06	231			0.00	9,986.40
1351-653	GW & Apply Mold Coil #3	13NOV06	7	21NOV06	223			0.00	7,489.80
1351-655	GW & Apply Mold Coil #4	06DEC06	7	14DEC06	215			0.00	7,489.80
1351-657	GW & Apply Mold Coil #5	04JAN07	7	12JAN07	210			0.00	2,912.70
1351-659	GW & Apply Mold Coil #6	25JAN07	7	02FEB07	202			0.00	2,912.70
1351-661	GW & Apply Mold Coil #7	15FEB07	7	23FEB07	229			0.00	2,912.70



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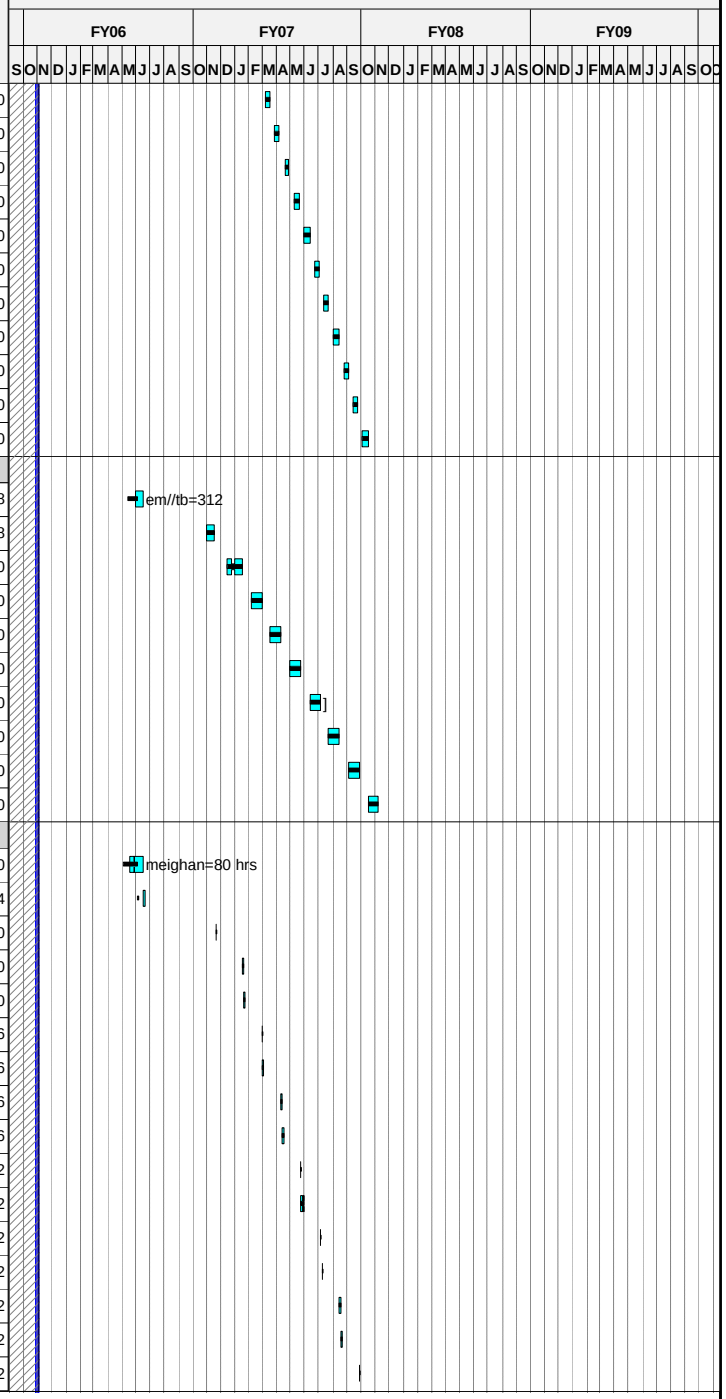
ECP-39 Status
xecp-39 baseline
Progress Bar
Critical Activity

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
1351-663	GW & Apply Mold Coil #8	08MAR07	7	16MAR07	221			0.00	2,912.70
1351-665	GW & Apply Mold Coil #9	29MAR07	7	06APR07	216			0.00	2,912.70
1351-667	GW & Apply Mold Coil #10	19APR07	7	27APR07	208			0.00	2,912.70
1351-669	GW & Apply Mold Coil #11	10MAY07	7	18MAY07	203			0.00	2,912.70
1351-671	GW & Apply Mold Coil #12	01JUN07	7	11JUN07	195			0.00	2,912.70
1351-673	GW & Apply Mold Coil #13	22JUN07	7	02JUL07	221			0.00	2,912.70
1351-675	GW & Apply Mold Coil #14	13JUL07	7	23JUL07	213			0.00	2,912.70
1351-677	GW & Apply Mold Coil #15	03AUG07	7	13AUG07	208			0.00	2,912.70
1351-679	GW & Apply Mold Coil #16	24AUG07	7	03SEP07	200			0.00	2,912.70
1351-681	GW & Apply Mold Coil #17	14SEP07	7	24SEP07	195			0.00	2,912.70
1351-683	GW & Apply Mold Coil #18	05OCT07	7	15OCT07	187			0.00	2,991.10
VPI									
1351-751	VPI Coil #1	31MAY06	13	16JUN06	261			0.00	25,409.28
1351-752	VPI Coil #2	01NOV06	13	17NOV06	232			0.00	19,473.48
1351-755	VPI Coil #3 & #4	15DEC06	17	16JAN07	215			0.00	14,563.50
1351-759	VPI Coil #5 & #6	05FEB07	17	27FEB07	202			0.00	14,563.50
1351-763	VPI Coil #7 & #8	19MAR07	17	10APR07	221			0.00	6,241.50
1351-767	VPI Coil #9 & #10	30APR07	17	22MAY07	208			0.00	6,241.50
1351-771	VPI Coil #11 & #12	12JUN07	17	04JUL07	195			0.00	6,241.50
1351-775	VPI Coil #13 & #14	24JUL07	17	15AUG07	213			0.00	6,241.50
1351-779	VPI Coil #15 & #16	04SEP07	17	26SEP07	200			0.00	6,241.50
1351-783	VPI Coil #17 & #18	16OCT07	17	07NOV07	187			0.00	6,409.50
Electrical Test (warm before casting instl))									
1351-848	Prep & setup for warm test	19MAY06	20	16JUN06	348			0.00	10,256.00
1351-849	Warm Test Coil #1	19JUN06	2	20JUN06	348			0.00	1,303.04
1351-851	Warm Test Coil #2	20NOV06	2	21NOV06	251			0.00	832.20
1351-853	Warm Test Coil #3	17JAN07	2	18JAN07	220			0.00	832.20
1351-855	Warm Test Coil #4	19JAN07	2	22JAN07	227			0.00	832.20
1351-857	Warm Test Coil #5	28FEB07	2	01MAR07	202			0.00	665.76
1351-859	Warm Test Coil #6	02MAR07	2	05MAR07	203			0.00	665.76
1351-861	Warm Test Coil #7	11APR07	2	12APR07	242			0.00	665.76
1351-863	Warm Test Coil #8	13APR07	2	16APR07	243			0.00	665.76
1351-865	Warm Test Coil #9	23MAY07	2	24MAY07	218			0.00	499.32
1351-867	Warm Test Coil #10	25MAY07	2	29MAY07	220			0.00	499.32
1351-869	Warm Test Coil #11	05JUL07	2	06JUL07	195			0.00	499.32
1351-871	Warm Test Coil #12	09JUL07	2	10JUL07	196			0.00	499.32
1351-873	Warm Test Coil #13	16AUG07	2	17AUG07	234			0.00	499.32
1351-875	Warm Test Coil #14	20AUG07	2	21AUG07	235			0.00	499.32
1351-877	Warm Test Coil #15	27SEP07	2	28SEP07	210			0.00	499.32



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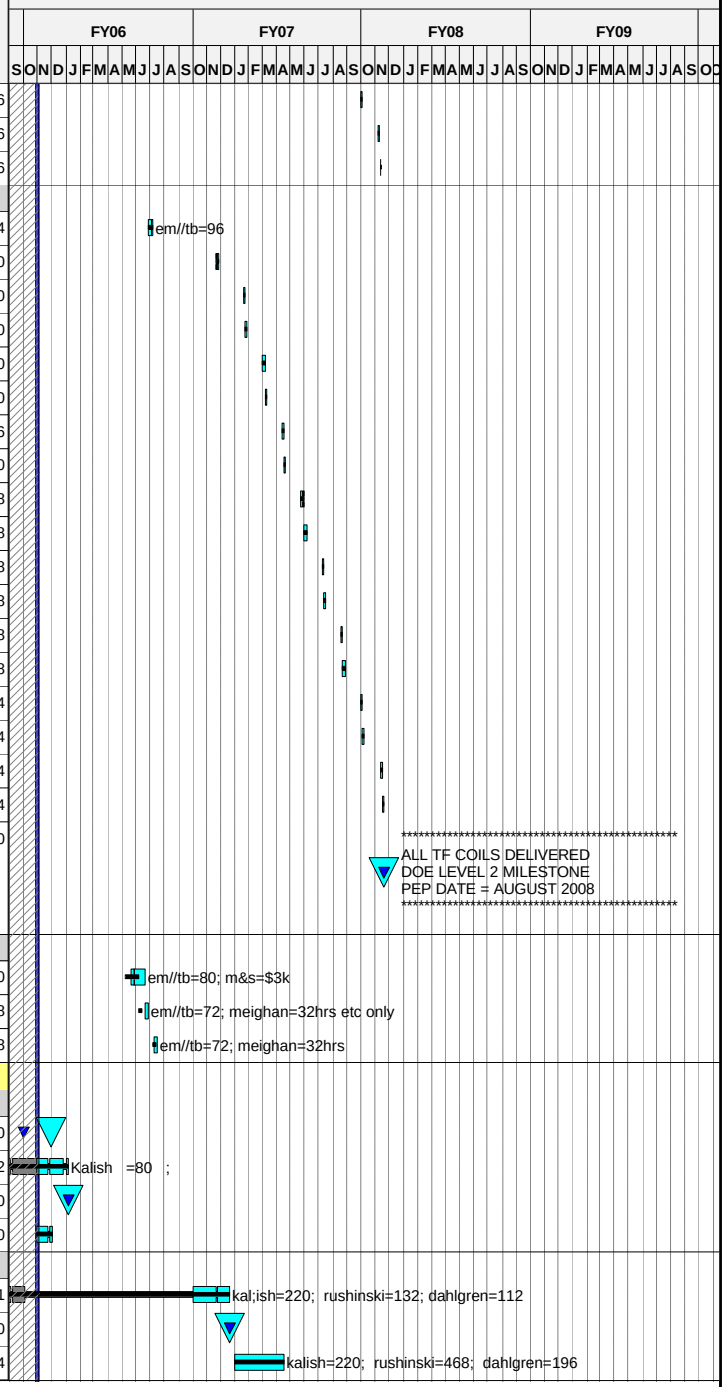
ECP-39 Status
xecp-39 baseline
Progress Bar
Critical Activity

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
1351-879	Warm Test Coil #16	01OCT07	2	02OCT07	212			0.00	512.76
1351-881	Warm Test Coil #17	08NOV07	2	09NOV07	187			0.00	512.76
1351-883	Warm Test Coil #18	12NOV07	2	13NOV07	188			0.00	512.76
Assemble TF Casting to TF coil									
1351-110A	Assemble TF to Wedge Casting TF#1	29JUN06	6	07JUL06	348			0.00	7,818.24
1351-115A	Assemble TF to Wedge Casting TF#2	22NOV06	3	28NOV06	251			0.00	5,825.40
1351-120A	Assemble TF to Wedge Casting TF#3	19JAN07	3	23JAN07	220			0.00	4,577.10
1351-125A	Assemble TF to Wedge Casting TF#4	24JAN07	3	26JAN07	226			0.00	4,577.10
1351-130A	Assemble TF to Wedge Casting TF#5	02MAR07	3	06MAR07	202			0.00	4,161.00
1351-135A	Assemble TF to Wedge Casting TF#6	07MAR07	3	09MAR07	202			0.00	4,161.00
1351-140A	Assemble TF to Wedge Casting TF#7	13APR07	3	17APR07	242			0.00	249.66
1351-145A	Assemble TF to Wedge Casting TF#8	18APR07	3	20APR07	242			0.00	2,496.60
1351-150A	Assemble TF to Wedge Casting TF#9	25MAY07	3	30MAY07	218			0.00	1,997.28
1351-155A	Assemble TF to Wedge Casting TF#10	31MAY07	3	04JUN07	219			0.00	1,997.28
1351-160A	Assemble TF to Wedge Casting TF#11	09JUL07	3	11JUL07	195			0.00	1,997.28
1351-165A	Assemble TF to Wedge Casting TF#12	12JUL07	3	16JUL07	195			0.00	1,997.28
1351-170A	Assemble TF to Wedge Casting TF#13	20AUG07	3	22AUG07	234			0.00	1,997.28
1351-175A	Assemble TF to Wedge Casting TF#14	23AUG07	3	27AUG07	234			0.00	1,997.28
1351-180A	Assemble TF to Wedge Casting TF#15	01OCT07	3	03OCT07	210			0.00	2,051.04
1351-185A	Assemble TF to Wedge Casting TF#16	04OCT07	3	08OCT07	211			0.00	2,051.04
1351-190A	Assemble TF to Wedge Casting TF#17	12NOV07	3	14NOV07	187			0.00	2,051.04
1351-195A	Assemble TF to Wedge Casting TF#18	15NOV07	3	19NOV07	187			0.00	2,051.04
1351-195X	ALL TF COILS DELIVERED		0	19NOV07	187			0.00	0.00
Final Test (cold after casting installation)									
1351-901	Build Cryostat for teststand to hold TF coil	23MAY06	20	20JUN06	348			0.00	10,628.20
1351-905	Cold test #1 BEFORE casting applied	21JUN06	6	28JUN06	348			0.00	9,966.08
1351-910	Cold test #1 again AFTER casting applied	10JUL06	6	17JUL06	348			0.00	9,966.08
Job: 1302 - PF and CS Design -KALISH									
TF I&C									
133-008	Design WBS 134 Conv Coil I&C Peer review		0	30NOV05*	969			0.00	0.00
133-010	Design WBS 134 Conv Coil I&C	01MAR05A	210*	03JAN06	657		10	1,341.80	13,418.02
133-011	Design WBS 134 Conv Coil I&C FDR		0	03JAN06*	951			0.00	0.00
133-012	Specification for PF coils	01NOV05*	22*	02DEC05	967			0.00	0.00
1302-PF	PF& CS Support Preliminary Design	01JUN05A	145*	22DEC06	167		25	19,761.15	79,044.61
141-012	PF & CS Sprt PDR		0	22DEC06	167			0.00	0.00
1302-CSS	PF & CS Support Final Design	02JAN07	75	16APR07	167			0.00	157,228.24



Run Date 17NOV05 13:15

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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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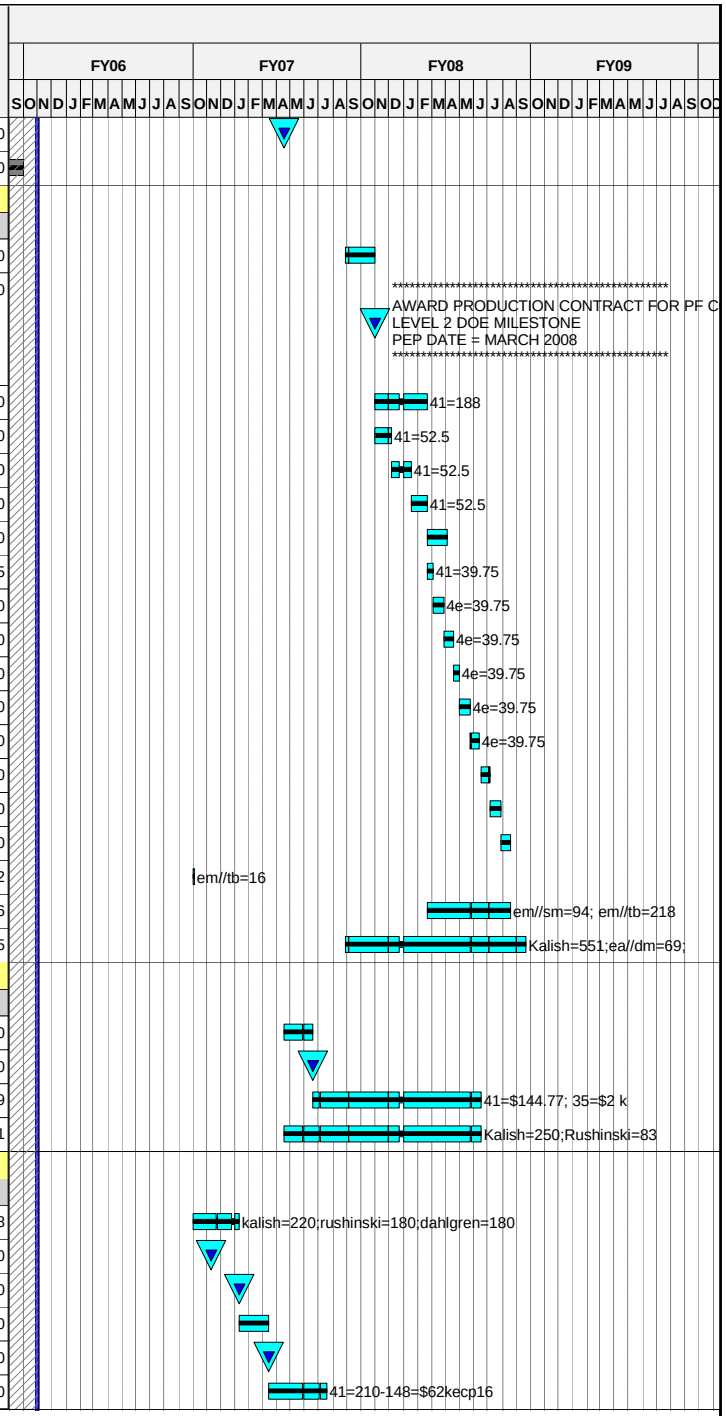
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
1301-137	PF & CS Support FDR		0	16APR07	167			0.00	0.00
FY05CV-6	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-22,000.00	-22,000.00
Job: 1352 - PF Coil Procurement-KALISH									
PF Coil Fabrication									
141-035	Bid & Award PF Coils	27AUG07*	45	29OCT07	124			0.00	0.00
141-036	PF Coils Awarded		0	29OCT07	124			0.00	0.00
1352-100	Material & leads	30OCT07	75	21FEB08	124			0.00	264,140.00
1352-110	Tooling for PF 4	30OCT07*	25	05DEC07	159			0.00	73,762.50
1352-115	Tooling for PF 5	06DEC07	25	17JAN08	159			0.00	73,762.50
1352-120	Tooling for PF 6	18JAN08	25	21FEB08	174			0.00	73,762.50
1352-105	Tooling for PF 1,2 and 3 NOT REQ"D USE PF1a	22FEB08	30	03APR08	174			0.00	0.00
1352-140	Fabricate/Dlvr PF 4 lower	22FEB08	10	06MAR08	124			0.00	55,848.75
1352-145	Fabricate/Dlvr PF 5 lower	07MAR08	15	27MAR08	124			0.00	41,817.00
1352-150	Fabricate/Dlvr PF 6 lower	28MAR08	15	17APR08	124			0.00	41,817.00
1352-155	Fabricate/Dlvr PF 4 upper	18APR08	10	01MAY08	124			0.00	41,817.00
1352-160	Fabricate/Dlvr PF 5 upper	02MAY08	15	22MAY08	124			0.00	41,817.00
1352-165	Fabricate/Dlvr PF 6 upper	23MAY08	15	13JUN08	124			0.00	41,817.00
1352-125	Fabricate/Dlvr PF 1 NOT REQD USE PF1a	16JUN08	15	07JUL08	124			0.00	0.00
1352-130	Fabricate/Dlvr PF 2 NOT REQD USE PF1a	08JUL08	15	28JUL08	124			0.00	0.00
1352-135	Fabricate/Dlvr PF 3 NOT REQD USE PF1a	29JUL08	15	18AUG08	124			0.00	0.00
1352-135X	Refurbish NSTX PF1a	02OCT06*	5	06OCT06	589			0.00	1,331.52
722.010	PF Coil receipt inspect/test (formerly wbs 183)	22FEB08	125*	18AUG08	124			0.00	31,275.16
141-031	Title III engr WBS 132	27AUG07*	268	19SEP08	268			0.00	112,977.05
Job: 1353 - CS Structure Procurement-KALISH									
CS Support Structure									
163-035	Bid & Award CS Support Struct	17APR07	45	19JUN07	167			0.00	0.00
163-036.9	Award CS Support Structure		0	19JUN07*	167			0.00	0.00
163-037	CS Support Structure Procurement/Fab	20JUN07*	249	17JUN08	167			0.00	205,571.79
163-015	Title III design CS sprt struc	17APR07	294	17JUN08	334			0.00	60,193.11
Job: 1354 - Trim Coil Procurement-KALISH									
Trim Coils									
1303-TRIM	Trim Coil Design	02OCT06*	65	10JAN07	123			0.00	42,330.68
1303-136	Trim Coil PDR		0	10NOV06	123			0.00	0.00
1303-137	Trim Coil FDR		0	10JAN07	123			0.00	0.00
184-035	Bid & Award Ext Trim Coils	11JAN07	45	14MAR07	123			0.00	0.00
184-036	Award External Trim Coils		0	14MAR07*	123			0.00	0.00
184-037	External Trim Coil Procurement/Fab*ecp16	15MAR07	87	17JUL07	123			0.00	34,275.00



Run Date 17NOV05 13:15

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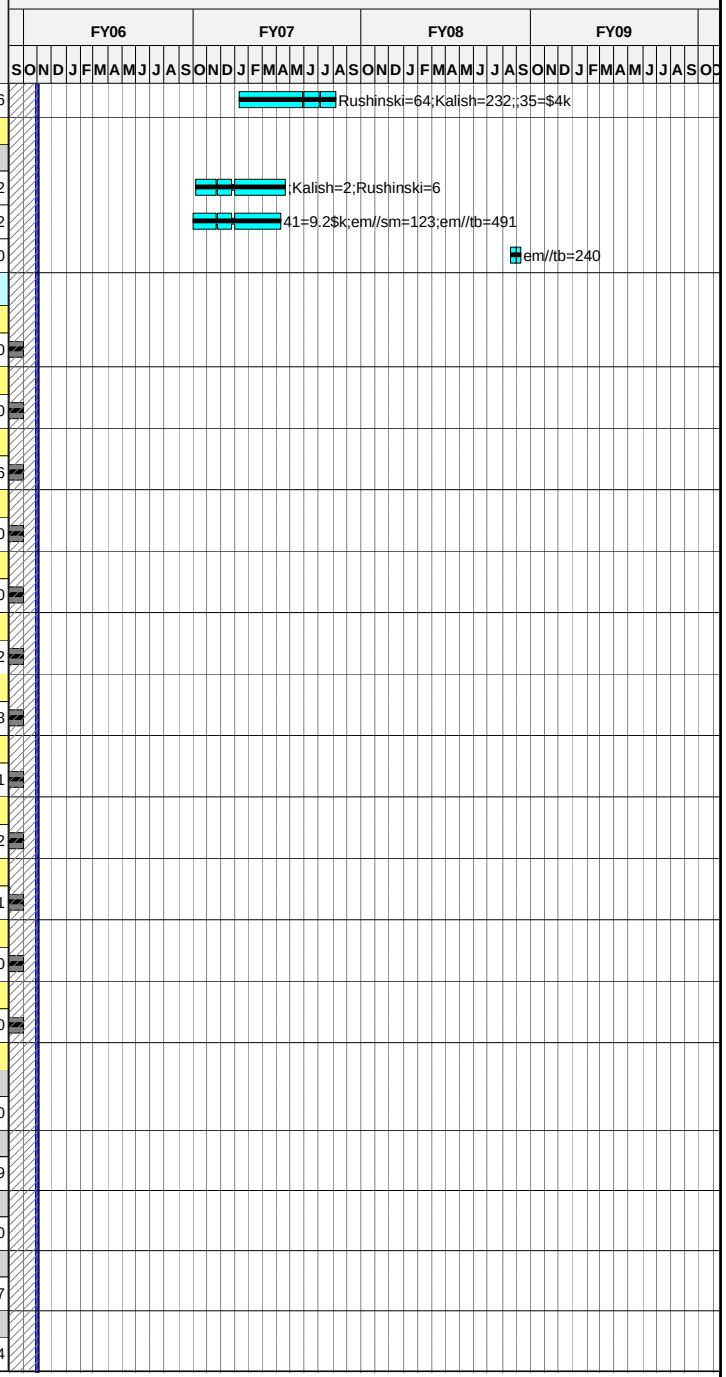
ECP-39 Status
xecp-39 baseline
Progress Bar
Critical Activity

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
184-015	Title III WBS 133 Rxt Trim Coils	11JAN07	147	07AUG07	549			0.00	26,834.06
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	626			0.00	1,141.72
133-037	Conv Coil I&C WBS 134 Proc & Install	02OCT06*	130	11APR07	467			0.00	69,587.22
1355-100	CS and PF 1a Pre-Assy incl coil I&C procurement	19AUG08	15	09SEP08	124			0.00	20,510.40
14 - Modular Coils									
+ Job: 1401 - Mod Coil Prel.DsnCLOSED****									
		01APR03A	636	30SEP05A			100	304,040.00	304,040.00
+ Job: 1402 - Mod.Coil AnalysesCLOSED****									
		01APR03A	636	30SEP05A			100	239,140.00	239,140.00
+ Job:1404-MCWF R&D & 1st Prod CastingCLOSED****									
		01APR03A	636	30SEP05A			100	2,543,518.06	2,543,518.06
+ Job: 1413 -MCWF Fracture Analysis-CLOSED****									
		01OCT04A	251	30SEP05A			100	28,169.40	28,169.40
+ Job: 1405-Mod Coil Winding R&D Prep-CLOSED****									
		01APR03A	636	30SEP05A			100	168,070.00	168,070.00
+ Job: 1407 -Mod Coil Winding Facility-CLOSED****									
		01APR03A	636	30SEP05A			100	2,545,993.12	2,545,993.12
+ Job: 1412 - Complete Winding Facilities-*CLOSED*									
		01OCT04A	251	30SEP05A			100	537,436.88	537,436.88
+ Job: 1406 - Mod. Coil Winding R&D-CLOSED****									
		01APR03A	636	30SEP05A			100	2,246,588.41	2,246,588.41
+ Job: 1410 MC Twisted Racetrack Fabr-CLOSED****									
		01OCT04A	251	30SEP05A			100	1,050,211.32	1,050,211.32
+ Job: 1409 - Coil Test Stand-GETTELFINGER*CLOSED*									
		20OCT03A	494	30SEP05A			100	915,941.31	915,941.31
+ Job: 1415 Dim Cntrl Testing-RAFTOPOLOUS*CLOSED**									
		01OCT04A	251	30SEP05A			100	23,850.00	23,850.00
+ Job: 1419-Winding Fac. Mods-CHRZANOWSKI*CLOSED*									
		01OCT04A	251	30SEP05A			100	48,000.00	48,000.00
Job: 1403 - Modular Coil Final Design-WILLIAMSON									
+ PDR/PBR Prep									
		01OCT03A	61	24DEC03A			100	18,016.60	18,016.60
+ Requirements/Config and Interfaces									
		15OCT03A	160	28MAY04A			100	46,457.09	46,457.09
+ Analysis - Thermal & Electrical									
		15OCT03A	152	18MAY04A			100	39,639.40	39,639.40
+ Analysis - Structural									
		15OCT03A	152	18MAY04A			100	367,160.37	367,160.37
+ Winding Form FDR Prep									
		15OCT03A	236	16SEP04A			100	383,223.24	383,223.24



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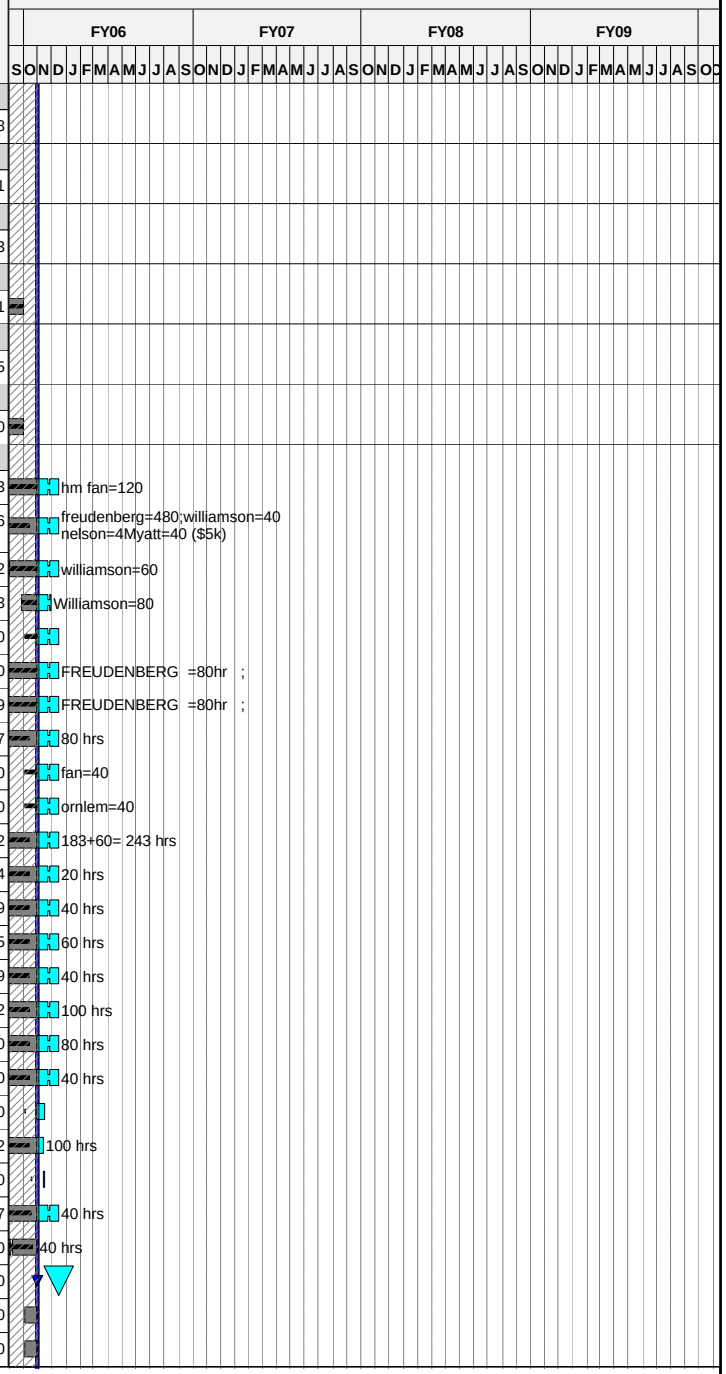
ECP-39 Status
xecp-39 baseline
Progress Bar
Critical Activity

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
+ MCWF Procurement									
		01JUN04A	86	30SEP04A			100	45,223.48	45,223.48
+ Coil-to-coil Interface Design									
		15OCT03A	246	30SEP04A			100	91,408.51	91,408.51
+ MCWF & Winding Analysis/Testing									
		02FEB04A	400	31AUG05A			100	656,902.73	656,902.73
+ Winding and Assembly Design-Type C									
		01JAN04A	442	30SEP05A			100	267,656.11	267,656.11
+ Twisted Racetrack Design (Williamson)									
		01OCT03A	455	29JUL05A			100	376,539.25	376,539.25
+ Prior Costs									
		01OCT04A	251	30SEP05A			100	564,400.00	564,400.00
Type C Design Closeout									
1403-90	Compile Material properties database	01OCT04A	303*	15DEC05	152		90	18,010.29	20,011.43
1403-40.2Z	Update nonlinear winding pack analysis	01AUG04A	346*	15DEC05	152		90	78,260.00	86,955.56
1403-42H	calculate EM loads at leads	01SEP05A	74*	15DEC05	152		60	5,926.57	9,877.62
1403-47A	Update,review & approve FMECA	26SEP05A	20	30NOV05	163		10	668.84	6,688.43
1403-42A1	Document analysis of MCWF eddy currents	01NOV05*	31*	15DEC05	152			0.00	0.00
1403-73	Prep struct analysis report	01MAY05A	160*	15DEC05	152		60	7,653.72	12,756.20
1403-76	Structural analysis of leads	01OCT04A	303*	15DEC05	152		50	6,294.05	12,588.09
1403-223C	Finish Top level coil assembly-Type C	01MAR05A	204*	15DEC05	152		90	11,411.43	12,679.37
1403-47C	Perform cool-down/warmup analysis	01NOV05*	31*	15DEC05	152			0.00	6,962.40
1403-50A	Check inductance calculation	01NOV05	31*	15DEC05	152			0.00	6,748.00
1403-200	Side A/B winding pack assy-Type C	01JAN04A	494*	15DEC05	152		90	31,989.17	35,543.52
1403-224C	Finish VPI mold assembly-Type C	01MAR05A	204*	15DEC05	152		90	2,852.86	3,169.84
1403-208C	Finish I&C Dwgs -Type C	01MAR05A	204*	15DEC05	152		90	5,705.72	6,339.69
1403-206.1	Cooling tubes/services assy- Type C	25APR05A	165*	15DEC05	152		90	8,603.15	9,559.05
1403-206C	Finish Cooling, Electr Schematic Dwgs - Type C	01MAR05A	204*	15DEC05	152		90	5,705.72	6,339.69
1403-58C	Check and promote clamp, I&C assy dwgs -Type C	01JUN05A	139*	15DEC05	152		80	12,810.02	16,012.52
1403-60C	Finish Update design basis document	02MAY05A	160*	15DEC05	152		60	7,653.72	12,756.20
1403-59	Type-C product specifications	02MAY05A	160*	15DEC05	253		90	5,740.29	6,378.10
1403-506	Chill plate dwgs approved for fabrication	01NOV05	10*	14NOV05	157		90	0.00	0.00
1403-203C	Finish Clamp Dwgs (5)-Type C	01MAR05A	182*	11NOV05	175		90	14,153.24	15,725.82
1403-510	Clamp and assy dwgs approved for fabrication	14NOV05	1*	14NOV05	175		90	0.00	0.00
1403-20.2	Resolve FDR chits	01AUG05A	97*	15DEC05	152		90	5,844.39	6,493.77
1403-70.05	Update MIT/QA Plans for Type C Winding Fab	01SEP05A	42*	31OCT05A			100	6,474.00	6,474.00
1403-20.0	Final Design Close-out for Type C		0	15DEC05*	152			0.00	0.00
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



Run Date 17NOV05 13:15

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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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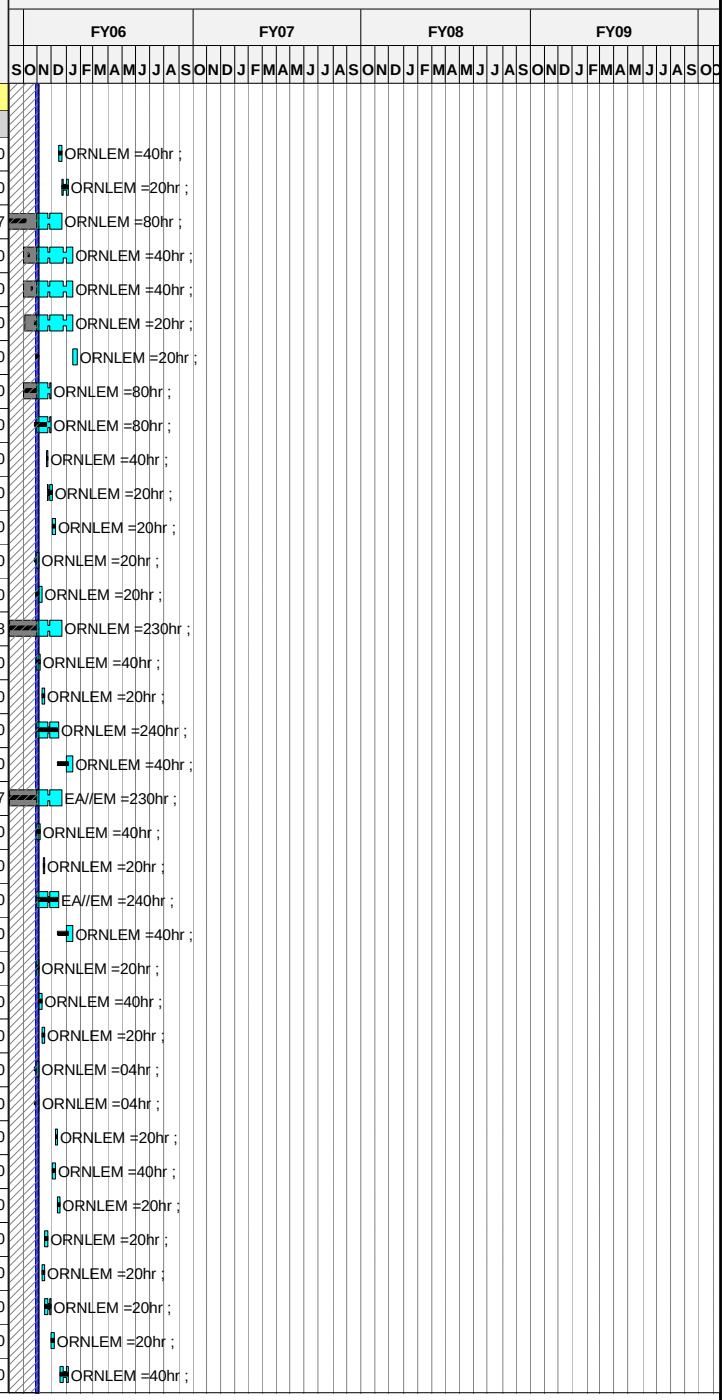
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
Job: 1416-Mod Coil Type A&B Final Dsn-WILLIAMSON									
Winding and Assembly Design-Type A									
1416A-105	-Subasm Shrinkwrap	15DEC05*	5	21DEC05	218			0.00	6,748.00
1416A-109	-Check and Promote	22DEC05	5	05JAN06	218			0.00	3,374.00
1416A-113	MCWF mods-As-Built MCWF	01AUG05A	103*	23DEC05	216		50	6,508.59	13,017.17
1416A-117	MCWF mods-Studs, Lead Block Mount	01OCT05A	68*	16JAN06	206		50	3,374.00	6,748.00
1416A-121	MCWF mods-Seal Groove Adapter	01OCT05A	68*	16JAN06	206		50	3,374.00	6,748.00
1416A-125	MCWF mods-Metrology Data Files	03OCT05A	68*	16JAN06	206		50	1,687.00	3,374.00
1416A-129	MCWF mods-Check and Promote	17JAN06	5	23JAN06	206			0.00	3,374.00
1416A-133	Lead Block Assy-Lead Blocks	01OCT05A	20	30NOV05	204		20	2,699.20	13,496.00
1416A-137	Lead Block Assy-Top and Side Plates	01NOV05*	20	30NOV05	204			0.00	13,496.00
1416A-141	Lead Block Assy-Detail Parts, Intralink	21NOV05*	3	23NOV05	207			0.00	6,748.00
1416A-145	Lead Block Assy-Filament Data Files	23NOV05*	5	01DEC05	203			0.00	3,374.00
1416A-149	Lead Block Assy-Check and Promote	02DEC05	5	08DEC05	203			0.00	3,374.00
1416A-153	Lead Terminals-Splice Plates	01NOV05*	3	03NOV05	221			0.00	3,374.00
1416A-157	Lead Terminals-Check and Promote	04NOV05	5	10NOV05	221			0.00	3,374.00
1416A-161	Side A Coil Assy-Cladding Asm	01SEP05A	80*	23DEC05	186		90	34,141.03	37,934.48
1416A-165	Side A Coil Assy-Cond Layers, Geom Files	01NOV05*	5	07NOV05	243			0.00	6,748.00
1416A-169	Side A Coil Assy-Magnetic Loops	10NOV05*	3	14NOV05	238			0.00	3,374.00
1416A-173	Side A Coil Assy-Chill Plates and Tubing	01NOV05*	30	14DEC05	218			0.00	40,488.00
1416A-177	Side A Coil Assy-Check and Promote	03JAN06	10	16JAN06	211			0.00	6,748.00
1416A-181	Side B Coil Assy-Cladding Asm	01SEP05A	80*	23DEC05	186		90	35,528.91	39,476.57
1416A-185	Side B Coil Assy-Cond Layers, Geom Files	01NOV05*	5	07NOV05	243			0.00	6,748.00
1416A-189	Side B Coil Assy-Magnetic Loops	14NOV05*	3	16NOV05	236			0.00	3,374.00
1416A-193	Side B Coil Assy-Chill Plates and Tubing	01NOV05*	30	14DEC05	218			0.00	41,774.40
1416A-197	Side B Coil Assy-Check and Promote	03JAN06	10	16JAN06	211			0.00	6,748.00
1416A-201	Coil Post VPI mods-Studs Removed	01NOV05*	3	03NOV05	250			0.00	3,374.00
1416A-205	Coil Post VPI mods-Clamp Arrangement	03NOV05*	5	09NOV05	246			0.00	6,748.00
1416A-209	Coil Post VPI mods-Check and Promote	10NOV05	5	16NOV05	246			0.00	3,374.00
1416A-213	Clamp Assy-Clamp Hardware	01NOV05*	1	01NOV05	256			0.00	674.80
1416A-217	Clamp Assy-Check and Promote	02NOV05	1	02NOV05	256			0.00	674.80
1416A-221	I&C-Strain Gages and T/C	09DEC05*	3	13DEC05	224			0.00	3,374.00
1416A-225	I&C-Rogowski Coils	02DEC05*	5	08DEC05	227			0.00	6,748.00
1416A-229	I&C-Check and Promote	14DEC05	5	20DEC05	224			0.00	3,374.00
1416A-233	Coil-to-Coil -Current Feed Insul, Covers	15NOV05*	5	21NOV05	238			0.00	3,374.00
1416A-237	Coil-to-Coil -Windings Insul Blanket	10NOV05*	5	16NOV05	241			0.00	3,374.00
1416A-241	Coil-to-Coil -Bushing Installation	18NOV05*	5	28NOV05	235			0.00	3,374.00
1416A-245	Coil-to-Coil -Check and Promote	29NOV05	5	05DEC05	235			0.00	3,374.00
1416A-249	-Type-A Coil Asm Specification	20DEC05*	5	03JAN06	210			0.00	6,748.00



Run Date **17NOV05 13:15**

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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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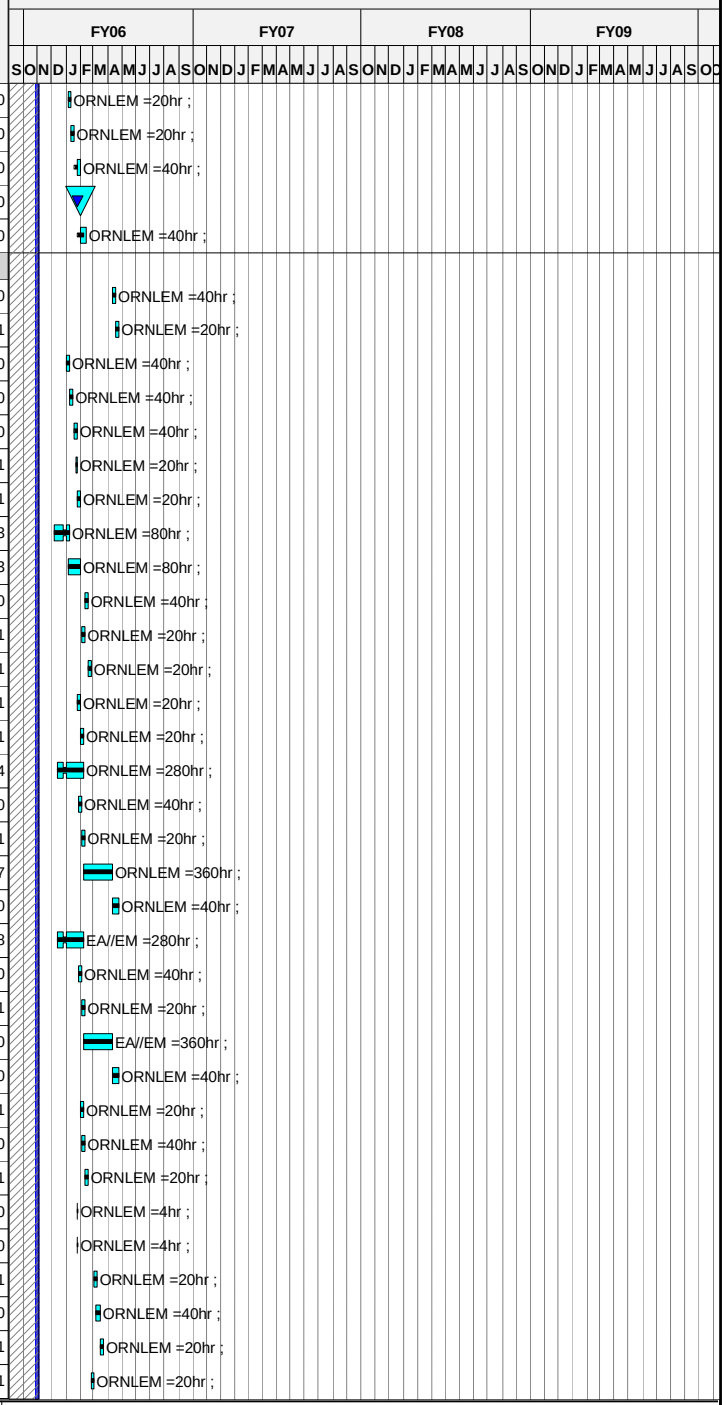
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
1416A-253	-Review and Approve Type-A Spec	04JAN06	5	10JAN06	210			0.00	3,374.00
1416A-257	-Update Coil Fab Procedures	11JAN06	5	17JAN06	210			0.00	3,374.00
1416A-261	-Prepare and Conduct FDR	24JAN06*	5	30JAN06	206			0.00	6,748.00
1416A-262	TYPE A FDR		0	30JAN06	206			0.00	0.00
1416A-265	-Resolve FDR Comments	31JAN06	10	13FEB06	206			0.00	6,748.00
Winding and Assembly Design-Type B									
1416B-105	-Subasm Shrinkwrap	11APR06*	5	17APR06	208			0.00	6,748.00
1416B-109	-Check and Promote	18APR06	5	24APR06	208			0.00	3,372.31
1416B-113	MCWF mods-As-Built MCWF	03JAN06*	5	09JAN06	278			0.00	6,748.00
1416B-117	MCWF mods-Studs, Lead Block Mount	10JAN06*	5	16JAN06	273			0.00	6,748.00
1416B-121	MCWF mods-Seal Groove Adapter	18JAN06*	5	24JAN06	267			0.00	6,748.00
1416B-125	MCWF mods-Metrology Data Files	23JAN06*	3	25JAN06	266			0.00	3,372.31
1416B-129	MCWF mods-Check and Promote	26JAN06	5	01FEB06	266			0.00	3,372.31
1416B-133	Lead Block Assy-Lead Blocks	05DEC05*	20	09JAN06	249			0.00	13,492.63
1416B-137	Lead Block Assy-Top and Side Plates	05JAN06*	20	01FEB06	232			0.00	13,492.63
1416B-141	Lead Block Assy-Detail Parts, Intralink	10FEB06*	5	16FEB06	221			0.00	6,748.00
1416B-145	Lead Block Assy-Filament Data Files	06FEB06*	5	10FEB06	225			0.00	3,372.31
1416B-149	Lead Block Assy-Check and Promote	17FEB06	5	23FEB06	221			0.00	3,372.31
1416B-153	Lead Terminals-Splice Plates	26JAN06*	5	01FEB06	232			0.00	3,372.31
1416B-157	Lead Terminals-Check and Promote	02FEB06	5	08FEB06	232			0.00	3,372.31
1416B-161	Side A Coil Assy-Cladding Asm	14DEC05*	35	08FEB06	226			0.00	47,230.94
1416B-165	Side A Coil Assy-Cond Layers, Geom Files	30JAN06*	5	03FEB06	254			0.00	6,748.00
1416B-169	Side A Coil Assy-Magnetic Loops	03FEB06*	5	09FEB06	250			0.00	3,372.31
1416B-173	Side A Coil Assy-Chill Plates and Tubing	07FEB06*	45	10APR06	208			0.00	60,723.57
1416B-177	Side A Coil Assy-Check and Promote	11APR06	10	24APR06	208			0.00	6,748.00
1416B-181	Side B Coil Assy-Cladding Asm	14DEC05*	35	08FEB06	226			0.00	48,731.58
1416B-185	Side B Coil Assy-Cond Layers, Geom Files	30JAN06*	5	03FEB06	254			0.00	6,748.00
1416B-189	Side B Coil Assy-Magnetic Loops	03FEB06*	5	09FEB06	250			0.00	3,372.31
1416B-193	Side B Coil Assy-Chill Plates and Tubing	07FEB06*	45	10APR06	208			0.00	62,652.90
1416B-197	Side B Coil Assy-Check and Promote	11APR06	10	24APR06	208			0.00	6,748.00
1416B-201	Coil Post VPI mods-Studs Removed	31JAN06*	5	06FEB06	258			0.00	3,372.31
1416B-205	Coil Post VPI mods-Clamp Arrangement	03FEB06*	5	09FEB06	255			0.00	6,748.00
1416B-209	Coil Post VPI mods-Check and Promote	10FEB06	5	16FEB06	255			0.00	3,372.31
1416B-213	Clamp Assy-Clamp Hardware	25JAN06*	1	25JAN06	270			0.00	674.80
1416B-217	Clamp Assy-Check and Promote	26JAN06	1	26JAN06	270			0.00	674.80
1416B-221	I&C-Strain Gages and T/C	03MAR06*	5	09MAR06	235			0.00	3,372.31
1416B-225	I&C-Rogowski Coils	08MAR06*	5	14MAR06	232			0.00	6,748.00
1416B-229	I&C-Check and Promote	15MAR06	5	21MAR06	232			0.00	3,372.31
1416B-233	Coil-to-Coil -Current Feed Insul, Covers	23FEB06*	5	01MAR06	241			0.00	3,372.31



Run Date 17NOV05 13:15

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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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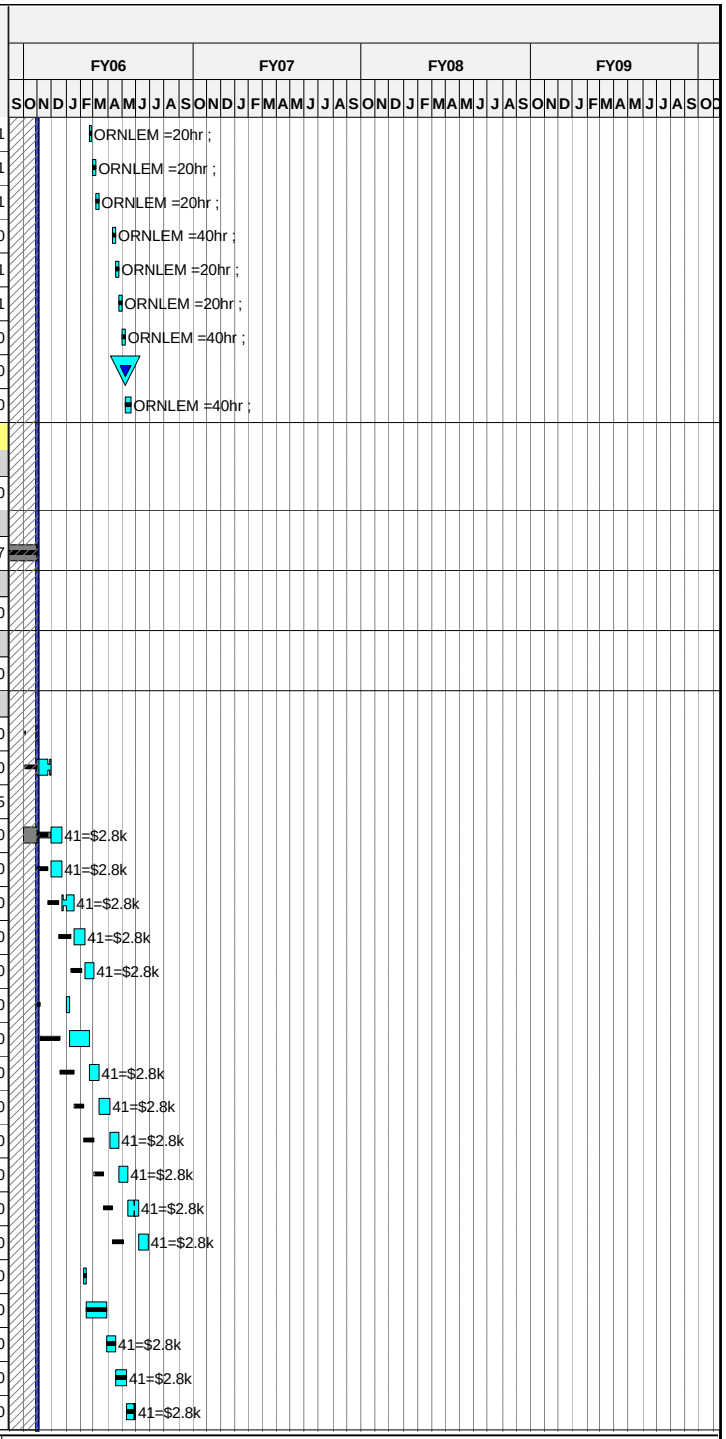
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
1416B-237	Coil-to-Coil -Windings Insul Blanket	20FEB06*	5	24FEB06	244			0.00	3,372.31
1416B-241	Coil-to-Coil -Bushing Installation	28FEB06*	5	06MAR06	238			0.00	3,372.31
1416B-245	Coil-to-Coil -Check and Promote	07MAR06	5	13MAR06	238			0.00	3,372.31
1416B-249	-Type-B Coil Asm Specification	11APR06*	5	17APR06	203			0.00	6,748.00
1416B-253	-Review and Approve Type-B Spec	18APR06	5	24APR06	203			0.00	3,372.31
1416B-257	-Update Coil Fab Procedures	25APR06	5	01MAY06	203			0.00	3,372.31
1416B-261	-Prepare and Conduct FDR	02MAY06*	5	08MAY06	203			0.00	6,748.00
1416B-262	TYPE B FDR		0	08MAY06	203			0.00	0.00
1416B-265	-Resolve FDR Comments	09MAY06	10	22MAY06	203			0.00	6,748.00
Job:1408-Mod Coil Winding Supplies-CHRZANOWSKI									
+ Prior Costs									
		01APR03A	64	30SEP03A			100	29,790.00	29,790.00
+ Copper Conductor									
		02AUG04A	315	31OCT05A			100	273,914.27	273,914.27
+ Insulation for conductor									
		09JUL04A	245	30JUN05A			100	26,901.00	26,901.00
+ Groundwrap Insulation									
		03JAN05A	41	28FEB05A			100	25,620.00	25,620.00
Cladding									
1408-501	Submet Requisition for Type C Cladding	31OCT05A	1	31OCT05A				0.00	0.00
1408-503	Bid and Award Type C Cladding	01NOV05	20	30NOV05	181			0.00	0.00
1408-505	PPPL Fabr Cladding Type C for Coil c1	01MAY05A	15	31MAY05A			100	3,586.65	3,586.65
1408-507	PPPL Fabr Cladding Type C for Coil c2	02OCT05A	57*	22DEC05	958		50	1,919.40	3,838.80
1408-509	Fabr Cladding Type C for Coil c3	01DEC05	15	21DEC05	181			0.00	3,838.80
1408-511	Fabr Cladding Type C for Coil c4	22DEC05	15	19JAN06	181			0.00	3,838.80
1408-513	Fabr Cladding Type C for Coil c5	20JAN06	15	09FEB06	181			0.00	3,838.80
1408-515	Fabr Cladding Type C for Coil c6	10FEB06	15	02MAR06	430			0.00	3,838.80
1408-517	Submet Requisition for Type A Cladding	03JAN06	5	09JAN06	186			0.00	0.00
1408-519	Bid and Award Type A Cladding	10JAN06	30	20FEB06	186			0.00	0.00
1408-521	Fabr Cladding Type A for Coil a1	21FEB06	15	13MAR06	186			0.00	3,838.80
1408-523	Fabr Cladding Type A for Coil a2	14MAR06	15	03APR06	191			0.00	3,838.80
1408-525	Fabr Cladding Type A for Coil a3	04APR06	15	24APR06	203			0.00	3,838.80
1408-527	Fabr Cladding Type A for Coil a4	25APR06	15	15MAY06	235			0.00	3,838.80
1408-529	Fabr Cladding Type A for Coil a5	16MAY06	15	06JUN06	267			0.00	3,838.80
1408-531	Fabr Cladding Type A for Coil a6	07JUN06	15	27JUN06	382			0.00	3,838.80
1408-533	Submet Requisition for Type B Cladding	09FEB06	5	15FEB06	226			0.00	0.00
1408-535	Bid and Award Type B Cladding	16FEB06	30	29MAR06	226			0.00	0.00
1408-537	Fabr Cladding Type B for Coil b1	30MAR06	15	19APR06	226			0.00	3,838.80
1408-539	Fabr Cladding Type B for Coil b2	20APR06	15	10MAY06	258			0.00	3,838.80
1408-541	Fabr Cladding Type B for Coil b3	11MAY06	15	01JUN06	301			0.00	3,838.80



Run Date 17NOV05 13:15

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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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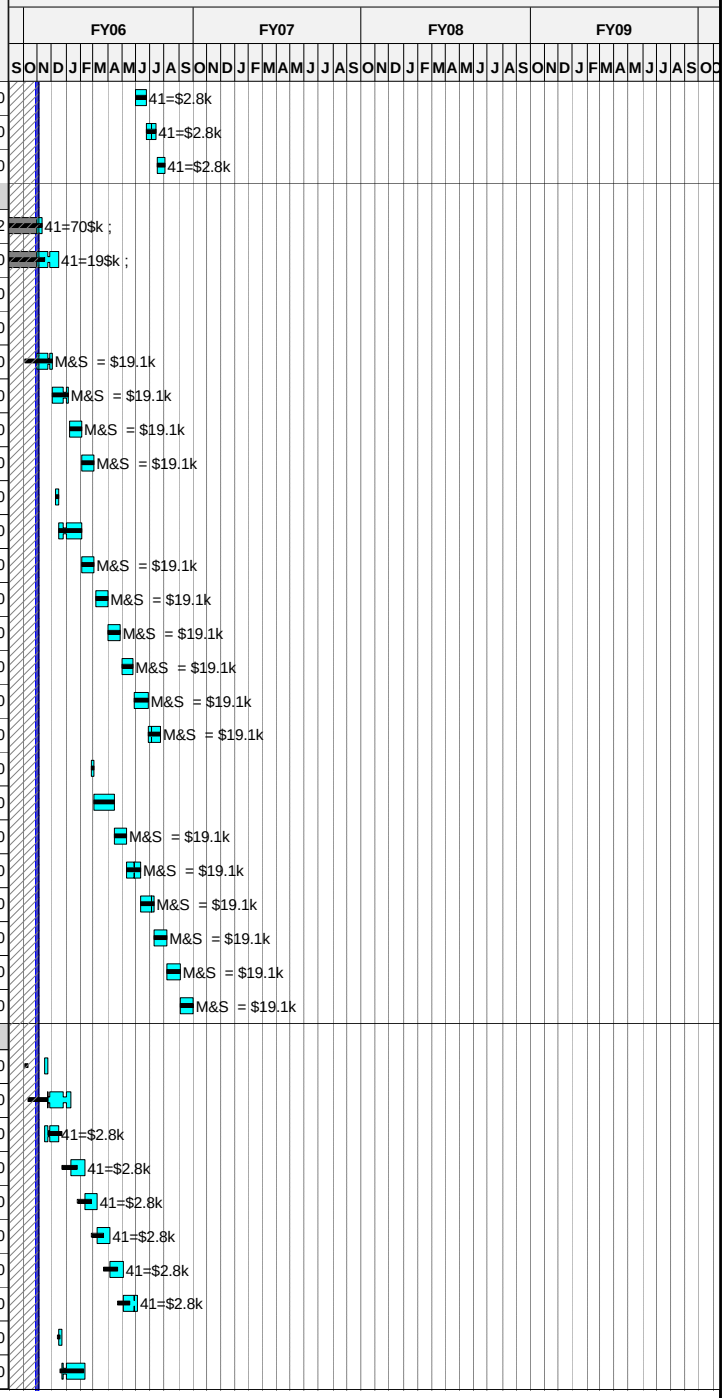
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
1408-543	Fabr Cladding Type B for Coil b4	02JUN06	15	22JUN06	304			0.00	3,838.80
1408-545	Fabr Cladding Type B for Coil b5	23JUN06	15	14JUL06	324			0.00	3,838.80
1408-547	Fabr Cladding Type B for Coil b6	17JUL06	15	04AUG06	367			0.00	3,838.80
Lead hardware & Fillers									
1408-705	Fabr Lead HW Type C for Coil c1	01JUL05A	94*	10NOV05	187		75	69,102.84	92,137.12
1408-707	Fabr Lead HW Type C for Coil c2	01JUL05A	117*	15DEC05	144		75	18,527.03	24,702.70
1408-701	Submet Requisition for Type C3-C6 Lead HW	01AUG05A	5	05AUG05A				0.00	0.00
1408-703	Bid and Award Type C3-C6 Lead HW	08AUG05A	30	31AUG05A				0.00	0.00
1408-709	Fabr Lead HW Type C for Coil c3	01NOV05	21*	01DEC05	189			0.00	26,186.10
1408-711	Fabr Lead HW Type C for Coil c4	02DEC05	20	06JAN06	196			0.00	26,186.10
1408-713	Fabr Lead HW Type C for Coil c5	09JAN06	20	03FEB06	196			0.00	26,186.10
1408-715	Fabr Lead HW Type C for Coil c6	06FEB06	20	03MAR06	440			0.00	26,186.10
1408-717	Submet Requisition for Type A Lead HW	09DEC05	5	15DEC05	203			0.00	0.00
1408-719	Bid and Award Type A Lead HW	16DEC05	30	03FEB06	203			0.00	0.00
1408-721	Fabr Lead HW Type A for Coil a1	06FEB06	20	03MAR06	203			0.00	26,186.10
1408-723	Fabr Lead HW Type A for Coil a2	06MAR06	20	31MAR06	203			0.00	26,186.10
1408-725	Fabr Lead HW Type A for Coil a3	03APR06	20	28APR06	210			0.00	26,186.10
1408-727	Fabr Lead HW Type A for Coil a4	01MAY06	20	26MAY06	237			0.00	26,186.10
1408-729	Fabr Lead HW Type A for Coil a5	30MAY06	20	26JUN06	237			0.00	26,186.10
1408-731	Fabr Lead HW Type A for Coil a6	27JUN06	20	25JUL06	374			0.00	26,186.10
1408-733	Submet Requisition for Type B Lead HW	24FEB06	5	02MAR06	221			0.00	0.00
1408-735	Bid and Award Type B Lead HW	03MAR06	30	13APR06	221			0.00	0.00
1408-737	Fabr Lead HW Type B for Coil b1	14APR06	20	11MAY06	221			0.00	26,186.10
1408-739	Fabr Lead HW Type B for Coil b2	12MAY06	20	09JUN06	276			0.00	26,186.10
1408-741	Fabr Lead HW Type B for Coil b3	12JUN06	20	10JUL06	284			0.00	26,186.10
1408-743	Fabr Lead HW Type B for Coil b4	11JUL06	20	07AUG06	284			0.00	26,186.10
1408-745	Fabr Lead HW Type B for Coil b5	08AUG06	20	04SEP06	299			0.00	26,186.10
1408-747	Fabr Lead HW Type B for Coil b6	05SEP06	20	02OCT06	337			0.00	26,186.10
Chill Plates									
1408-601	Submet Requisition for Type C Chill Plts	15NOV05	5	21NOV05	157			0.00	0.00
1408-603	Bid and Award Type C Chill Plts	22NOV05	30	12JAN06	157			0.00	0.00
1408-605	Fabr Chill Plts Type C for Coil c1	15NOV05*	20	14DEC05	161			0.00	3,838.80
1408-607	Fabr Chill Plts Type C for Coil c2	13JAN06	20	09FEB06	157			0.00	3,838.80
1408-609	Fabr Chill Plts Type C for Coil c3	10FEB06	20	09MAR06	160			0.00	3,838.80
1408-611	Fabr Chill Plts Type C for Coil c4	10MAR06	20	06APR06	167			0.00	3,838.80
1408-613	Fabr Chill Plts Type C for Coil c5	07APR06	20	04MAY06	167			0.00	3,838.80
1408-615	Fabr Chill Plts Type C for Coil c6	05MAY06	20	02JUN06	410			0.00	3,838.80
1408-617	Submet Requisition for Type A Chill Plts	15DEC05	5	21DEC05	234			0.00	0.00
1408-619	Bid and Award Type A Chill Plts	22DEC05	30	09FEB06	234			0.00	0.00



Run Date 17NOV05 13:15

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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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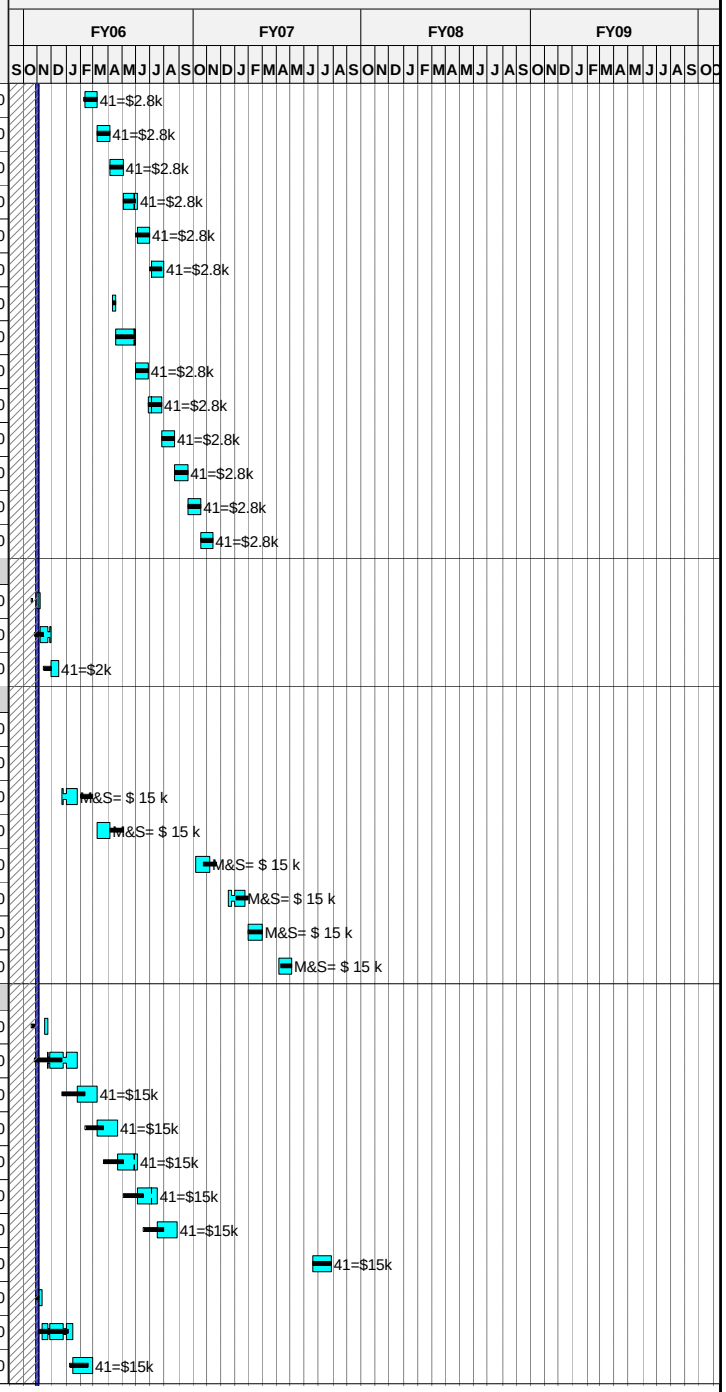
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
1408-621	Fabr Chill Plts Type A for Coil a1	10FEB06	20	09MAR06	234			0.00	3,838.80
1408-623	Fabr Chill Plts Type A for Coil a2	10MAR06	20	06APR06	234			0.00	3,838.80
1408-625	Fabr Chill Plts Type A for Coil a3	07APR06	20	04MAY06	241			0.00	3,838.80
1408-627	Fabr Chill Plts Type A for Coil a4	05MAY06	20	02JUN06	268			0.00	3,838.80
1408-629	Fabr Chill Plts Type A for Coil a5	05JUN06	20	30JUN06	269			0.00	3,838.80
1408-631	Fabr Chill Plts Type A for Coil a6	03JUL06	20	31JUL06	405			0.00	3,838.80
1408-633	Submet Requisition for Type B Chill Plts	11APR06	5	17APR06	224			0.00	0.00
1408-635	Bid and Award Type B Chill Plts	18APR06	30	30MAY06	224			0.00	0.00
1408-637	Fabr Chill Plts Type B for Coil b1	31MAY06	20	27JUN06	224			0.00	3,838.80
1408-639	Fabr Chill Plts Type B for Coil b2	28JUN06	20	26JUL06	280			0.00	3,838.80
1408-641	Fabr Chill Plts Type B for Coil b3	27JUL06	20	23AUG06	287			0.00	3,838.80
1408-643	Fabr Chill Plts Type B for Coil b4	24AUG06	20	20SEP06	287			0.00	3,838.80
1408-645	Fabr Chill Plts Type B for Coil b5	21SEP06	20	18OCT06	301			0.00	3,838.80
1408-647	Fabr Chill Plts Type B for Coil b6	19OCT06	20	15NOV06	340			0.00	3,838.80
Tubing									
1408-761	Submet Requisition for Tubing	01NOV05	5	07NOV05	161			0.00	0.00
1408-763	Bid and Award Tubing	08NOV05	15	30NOV05	161			0.00	0.00
1408-765	Deliver Tubing	01DEC05	10	14DEC05	161			0.00	2,742.00
Epoxy									
1408-111	Epoxy - Requisition	01JAN05A	5	31JAN05A			100	0.00	0.00
1408-114	Epoxy -Evaluate Bids & Award	01MAY05A	10	31MAY05A			100	0.00	0.00
1408-117	Epoxy -1st Delivery for Production	22DEC05	20	26JAN06	253			0.00	20,565.00
1408-119	Epoxy -2nd Delivery for Production	09MAR06	20	05APR06	228			0.00	20,565.00
1408-121	Epoxy -3rd Delivery for Production	10OCT06	20	06NOV06	149			0.00	20,565.00
1408-123	Epoxy -4th Delivery for Production	18DEC06	20	22JAN07	144			0.00	20,565.00
1408-125	Epoxy -5th Delivery for Production	31JAN07	20	27FEB07	164			0.00	20,565.00
1408-127	Epoxy -6th Delivery for Production	06APR07	20	03MAY07	157			0.00	20,565.00
Clamps									
1408-901	Submet Requisition for Type C Clamps	15NOV05	5	21NOV05	175			0.00	0.00
1408-903	Bid and Award Type C Clamps	22NOV05	40	26JAN06	175			0.00	0.00
1408-905	Fabr Clamps Type C for Coil c1	27JAN06	30	09MAR06	175			0.00	20,565.00
1408-907	Fabr Clamps Type C for Coil c2	10MAR06	30	20APR06	175			0.00	20,565.00
1408-909	Fabr Clamps Type C for Coil c3	21APR06	30	02JUN06	175			0.00	20,565.00
1408-911	Fabr Clamps Type C for Coil c4	05JUN06	30	17JUL06	175			0.00	20,565.00
1408-913	Fabr Clamps Type C for Coil c5	18JUL06	30	28AUG06	175			0.00	20,565.00
1408-915	Fabr Clamps Type C for Coil c6	18JUN07	30	27JUL07	173			0.00	20,565.00
1408-917	Submet Requisition for Type A Clamps	03NOV05	5	09NOV05	270			0.00	0.00
1408-919	Bid and Award Type A Clamps	10NOV05	40	16JAN06	270			0.00	0.00
1408-921	Fabr Clamps Type A for Coil a1	17JAN06	30	27FEB06	270			0.00	20,565.00



Run Date 17NOV05 13:15

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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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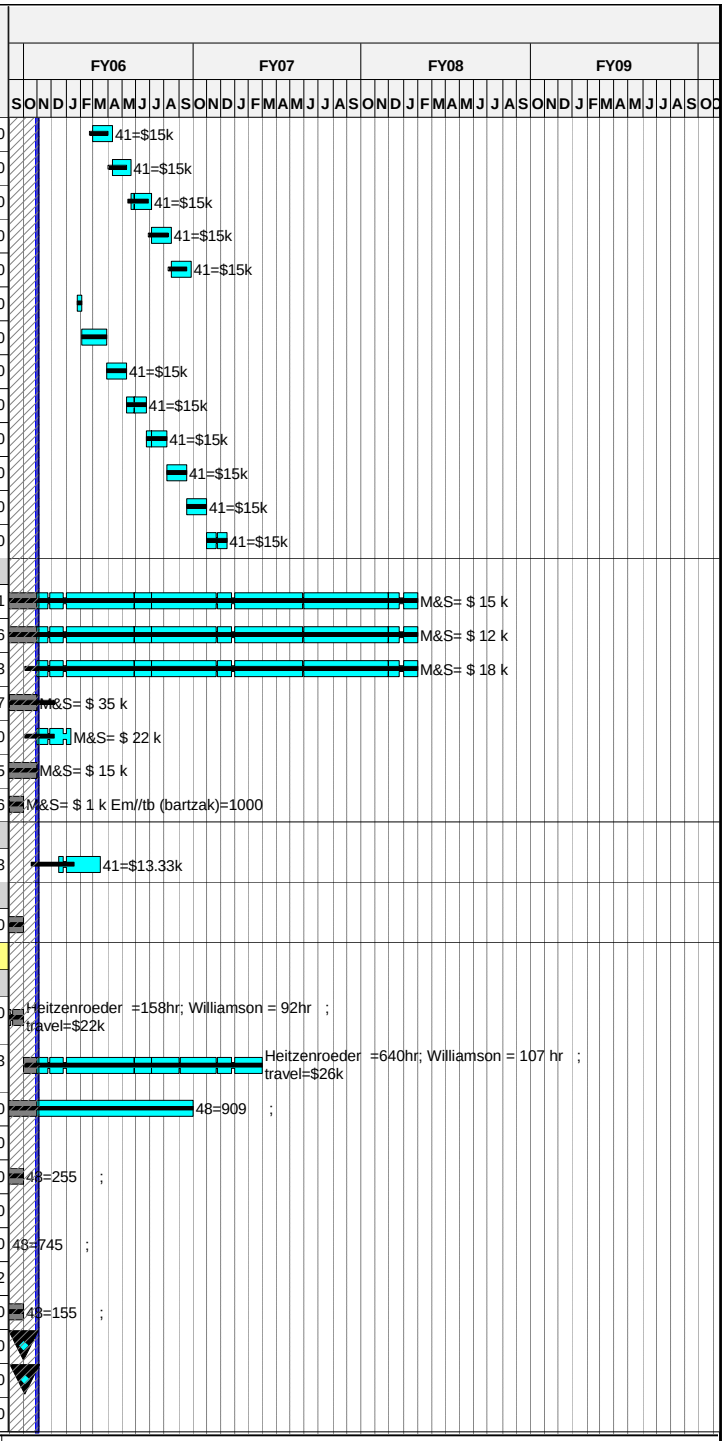
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
1408-923	Fabr Clamps Type A for Coil a2	28FEB06	30	10APR06	270			0.00	20,565.00
1408-925	Fabr Clamps Type A for Coil a3	11APR06	30	22MAY06	270			0.00	20,565.00
1408-927	Fabr Clamps Type A for Coil a4	23MAY06	30	05JUL06	282			0.00	20,565.00
1408-929	Fabr Clamps Type A for Coil a5	06JUL06	30	16AUG06	310			0.00	20,565.00
1408-931	Fabr Clamps Type A for Coil a6	17AUG06	30	27SEP06	390			0.00	20,565.00
1408-933	Submet Requisition for Type B Clamps	27JAN06	5	02FEB06	286			0.00	0.00
1408-935	Bid and Award Type B Clamps	03FEB06	40	30MAR06	286			0.00	0.00
1408-937	Fabr Clamps Type B for Coil b1	31MAR06	30	11MAY06	286			0.00	20,565.00
1408-939	Fabr Clamps Type B for Coil b2	12MAY06	30	23JUN06	298			0.00	20,565.00
1408-941	Fabr Clamps Type B for Coil b3	26JUN06	30	07AUG06	323			0.00	20,565.00
1408-943	Fabr Clamps Type B for Coil b4	08AUG06	30	18SEP06	323			0.00	20,565.00
1408-945	Fabr Clamps Type B for Coil b5	19SEP06	30	30OCT06	346			0.00	20,565.00
1408-947	Fabr Clamps Type B for Coil b6	31OCT06	30	13DEC06	346			0.00	20,565.00
Other									
1408-137	Safety & PPE equipt & supplies	01MAY05A	689*	31JAN08	434		35	7,144.41	20,412.61
1408-138	Misc. Supplies	01JUL05A	646*	31JAN08	434		65	10,656.01	16,393.86
1408-173	Epoxy for Shell Mold (Hysol)	01NOV05*	560*	31JAN08	434			0.00	24,765.43
1408-183	Tubing (Chem flor and Poly)	01SEP05A	67*	31OCT05A			100	46,373.37	46,373.37
1408-184	Vulcanizing tape, felt and RTV	01NOV05*	45	12JAN06	949			0.00	30,162.00
1408-185	Valves and Fittings	01AUG05A	66*	31OCT05A			100	19,644.55	19,644.55
1408-186	Manifolds	01SEP05A	209	30SEP05A			100	75,850.56	75,850.56
I&C									
174-035	Modular Coil local I&C -Procurement	16DEC05	60	17MAR06	253			0.00	18,275.43
FY05CV-21	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				33,000.00	33,000.00
Job: 1411-MCWF Fabrication S005242-HEITZENROEDER									
172-031	Title III engr	24MAY04A	340*	30SEP05A			LOE	76,273.90	76,273.90
172-031.1	Title III engr	01OCT05A	350*	01MAR07	660		LOE	10,028.84	167,147.43
MCWF-001	EIO Project Mgt. & Reporting	29OCT04A	497*	02OCT06	773		58	527,121.40	908,830.00
MCWF-011	Pattern A complete	29OCT04A	126*	01APR05A			100	290,125.00	290,125.00
MCWF-021	Pattern B complete	01DEC04A	220*	30SEP05A			100	255,120.00	255,120.00
MCWF-031	Major Tool Tooling Complete	29OCT04A	82*	28FEB05A			100	628,622.00	628,622.00
MCWF-041	Materials (MetalTek)	29NOV04A	282*	31AUG05A			100	744,750.00	744,750.00
MCWF-051	C1-MTK-casting upgrade	20DEC04A	63*	31MAR05A			100	146,248.12	146,248.12
MCWF-061	C1-MTM - machining/inspection	01APR05A	136*	30SEP05A		M	100	154,910.00	154,910.00
C-121.1	First MCWF C-1 Delivered		0	30SEP05A				0.00	0.00
MCWF-071	C1-Receive at PPPL		0	03OCT05A		CD		0.00	0.00
MCWF-081	C2-MTK-casting	01APR05A	66*	27JUN05A			100	142,920.00	142,920.00



Run Date 17NOV05 13:15

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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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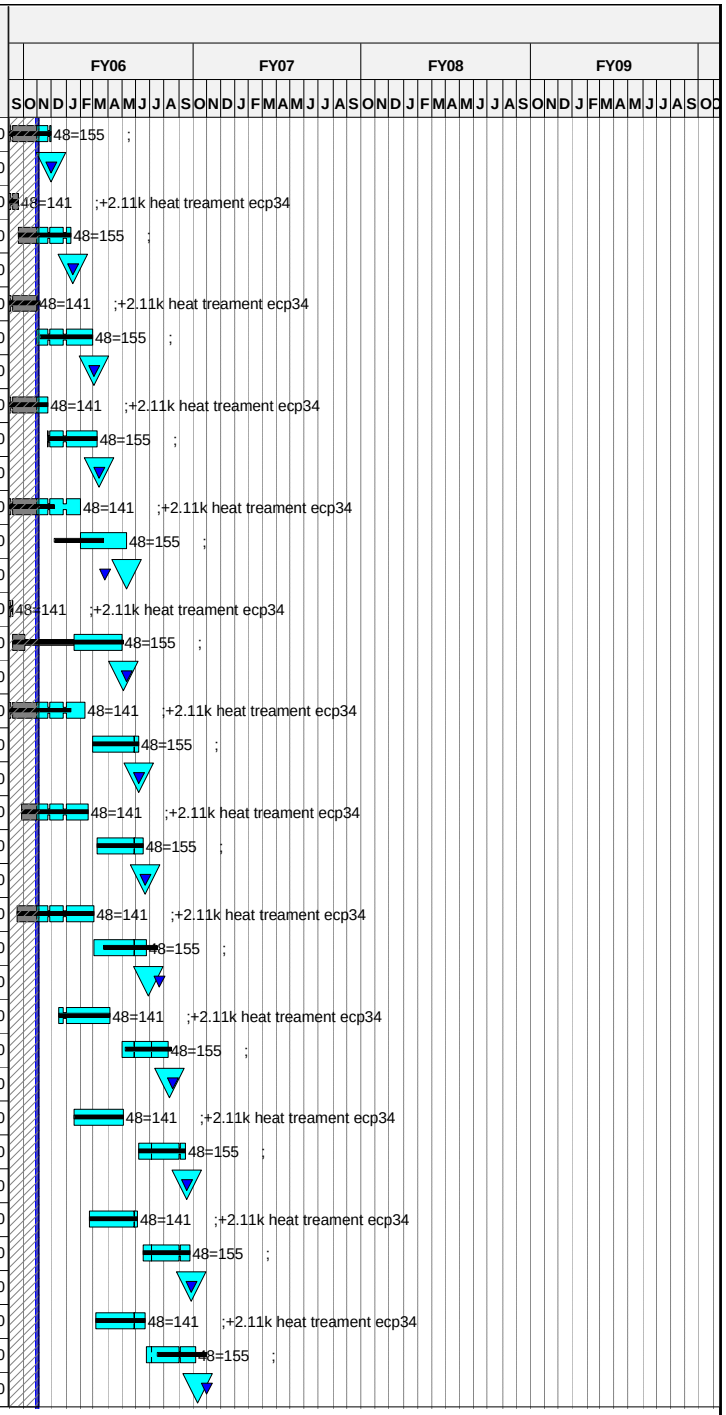
MCWF-091	C2-MTM - machining/inspection	28JUN05A	106*	28NOV05	145		85	131,673.50	154,910.00
MCWF-101	C2-Receive at PPPL		0	29NOV05	145			0.00	0.00
MCWF-141	C3-MTK-casting	12MAY05A	102*	19SEP05A			100	142,920.00	142,920.00
MCWF-151	C3-MTM - machining/inspection	20SEP05A	74*	11JAN06	145		25	38,727.50	154,910.00
MCWF-161	C3-Receive at PPPL		0	13JAN06	152			0.00	0.00
MCWF-201	C4-MTK-casting	16MAY05A	122*	31OCT05A			100	142,920.00	142,920.00
MCWF-211	C4-MTM - machining/inspection	31OCT05A	78*	27FEB06	143		7	10,843.70	154,910.00
MCWF-221	C4-Receive at PPPL		0	01MAR06	146			0.00	0.00
MCWF-261	C5-MTK-casting	30MAY05A	123*	21NOV05	158		80	114,336.00	142,920.00
MCWF-271	C5-MTM - machining/inspection	22NOV05*	70	09MAR06	158		2	3,098.20	154,910.00
MCWF-281	C5-Receive at PPPL		0	13MAR06	158			0.00	0.00
MCWF-291	C6-MTK-casting	16JUN05A	155*	01FEB06	376		5	7,146.00	142,920.00
MCWF-301	C6-MTM - machining/inspection	02FEB06	70	10MAY06	376			0.00	154,910.00
MCWF-311	C6-Receive at PPPL		0	12MAY06	376			0.00	0.00
MCWF-111	A1-MTK-casting	22APR05A	116*	08SEP05A			100	143,110.00	143,110.00
MCWF-121	A1-MTM - machining/inspection	09SEP05A	89*	01MAY06	147		10	15,491.00	154,910.00
MCWF-131	A1-Receive at PPPL		0	04MAY06	147			0.00	0.00
MCWF-171	A2-MTK-casting	17AUG05A	65	09FEB06	155		55	78,606.00	142,920.00
MCWF-181	A2-MTM - machining/inspection	28FEB06	70	06JUN06	143			0.00	154,910.00
MCWF-191	A2-Receive at PPPL		0	08JUN06	143			0.00	0.00
MCWF-351	A3-MTK-casting	26SEP05A	96*	16FEB06	176		50	71,555.00	143,110.00
MCWF-361	A3-MTM - machining/inspection	10MAR06	70	16JUN06	161			0.00	154,910.00
MCWF-371	A3-Receive at PPPL		0	21JUN06	161			0.00	0.00
MCWF-231	B1-MTK-casting	16SEP05A	111*	01MAR06	150		20	28,584.00	142,920.00
MCWF-241	B1-MTM - machining/inspection	02MAR06	80	22JUN06	150			0.00	154,910.00
MCWF-251	B1-Receive at PPPL		0	26JUN06	178			0.00	0.00
MCWF-381	A4-MTK-casting	15DEC05*	75	06APR06	188			0.00	142,920.00
MCWF-391	A4-MTM - machining/inspection	02MAY06	70	09AUG06	171			0.00	154,910.00
MCWF-401	A4-Receive at PPPL		0	14AUG06	171			0.00	0.00
MCWF-411	A5-MTK-casting	20JAN06*	75	04MAY06	193			0.00	142,920.00
MCWF-421	A5-MTM - machining/inspection	07JUN06	70	14SEP06	171			0.00	154,910.00
MCWF-431	A5-Receive at PPPL		0	19SEP06	193			0.00	0.00
MCWF-441	A6-MTK-casting	20FEB06*	75	05JUN06	206			0.00	142,920.00
MCWF-451	A6-MTM - machining/inspection	19JUN06	70	26SEP06	197			0.00	155,000.00
MCWF-461	A6-Receive at PPPL		0	28SEP06	315			0.00	0.00
MCWF-321	B2-MTK-casting	08MAR06*	75	21JUN06	151			0.00	142,920.00
MCWF-331	B2-MTM - machining/inspection	23JUN06	75	09OCT06	150			0.00	154,910.00
MCWF-341	B2-Receive at PPPL		0	11OCT06	150			0.00	0.00



Run Date 17NOV05 13:15

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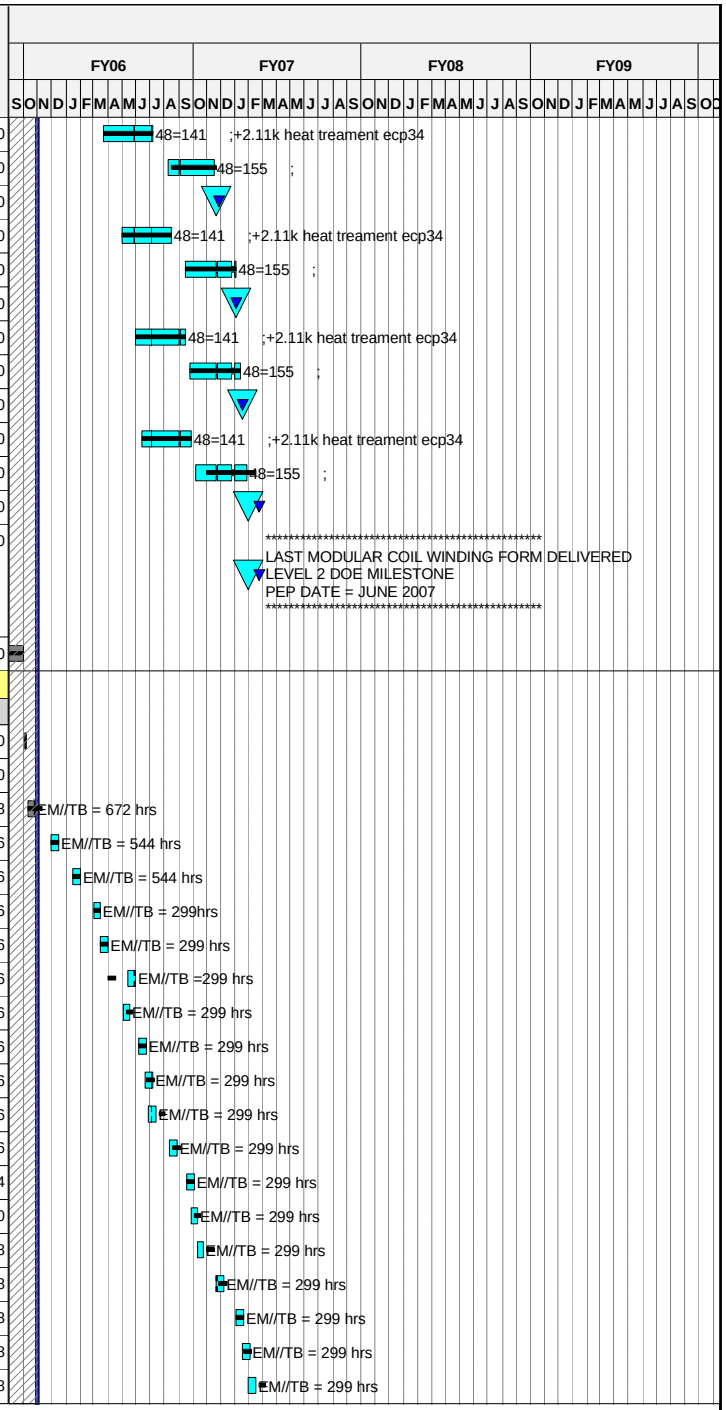
ECP-39 Status
xecp-39 baseline
Progress Bar
Critical Activity

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
MCWF-471	B3-MTK-casting	23MAR06*	75	07JUL06	202			0.00	142,920.00
MCWF-481	B3-MTM - machining/inspection	10AUG06	70	16NOV06	179			0.00	154,910.00
MCWF-491	B3-Receive at PPPL		0	20NOV06	179			0.00	0.00
MCWF-501	B4-MTK-casting	01MAY06*	75	15AUG06	192			0.00	142,920.00
MCWF-511	B4-MTM - machining/inspection	15SEP06	70	02JAN07	171			0.00	154,910.00
MCWF-521	B4-Receive at PPPL		0	04JAN07	171			0.00	0.00
MCWF-531	B5-MTK-casting	01JUN06*	75	15SEP06	204			0.00	142,920.00
MCWF-541	B5-MTM - machining/inspection	27SEP06	70	12JAN07	197			0.00	154,910.00
MCWF-551	B5-Receive at PPPL		0	17JAN07	197			0.00	0.00
MCWF-561	B6-MTK-casting	15JUN06*	75	29SEP06	253			0.00	142,920.00
MCWF-571	B6-MTM - machining/inspection	10OCT06	70	25JAN07	247			0.00	154,910.00
MCWF-581	B6-Receive at PPPL		0	30JAN07	247			0.00	0.00
C-501B1	Last MCWF Delivered		0	30JAN07	247			0.00	0.00
FY05CV-23	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				275,000.00	275,000.00
Job: 1451 - Mod Coil Winding-CHRZANOWSKI									
Station 1 Prep casring & Install Cladding									
C1RW	C! rework	03OCT05A	5	07OCT05A		1	100	46,663.50	46,663.50
1451TRAIN	Training for winding teams	25JUL05A	3	29JUL05A				0.00	0.00
P1-001	Rec C1,Prep& Instl Cladding>>@125% 1 shift	10OCT05A	23	24OCT05A		2	100	54,727.68	54,727.68
P1-091	Receive C2, Prep& Instl Cladding	30NOV05	11	14DEC05	145	2		0.00	44,303.36
P2-091	Receive C3, Prep& Instl Cladding	16JAN06	11	30JAN06	152	2		0.00	44,303.36
P3-091	Receive C4, Prep& Instl Cladding	02MAR06	11	16MAR06	146	2		0.00	24,350.56
P1-121	Receive C5, Prep& Instl Cladding	17MAR06	11	31MAR06	155	2		0.00	24,350.56
P2-031	Receive C6, Prep& Instl Cladding	15MAY06	11	30MAY06	376	2		0.00	24,350.56
P2-001	Receive A1, Prep& Instl Cladding	05MAY06	11	19MAY06	147	2		0.00	24,350.56
P3-001	Receive A2, Prep& Instl Cladding	09JUN06	11	23JUN06	143	2		0.00	24,350.56
P3-031	Receive A3, Prep& Instl Cladding	22JUN06	11	07JUL06	161	2		0.00	24,350.56
P1-031	Receive B1, Prep& Instl Cladding	27JUN06	11	12JUL06	178	2		0.00	24,350.56
P3-121	Receive A4, Prep& Instl Cladding	15AUG06	11	29AUG06	171	2		0.00	24,350.56
P1-061	Receive A5, Prep& Instl Cladding	20SEP06	11	04OCT06	193	2		0.00	24,654.94
P1-151	Receive A6, Prep& Instl Cladding	29SEP06	11	13OCT06	315	2		0.00	24,854.30
P2-121	Receive B2, Prep& Instl Cladding	12OCT06	11	26OCT06	150	2		0.00	24,882.78
P2-061	Receive B3, Prep& Instl Cladding	21NOV06	11	07DEC06	179	2		0.00	24,882.78
P2-151	Receive B4, Prep& Instl Cladding	05JAN07	11	19JAN07	171	2		0.00	24,882.78
P3-061	Receive B5, Prep& Instl Cladding	18JAN07	11	01FEB07	197	2		0.00	24,882.78
P3-151	Receive B6, Prep& Instl Cladding	31JAN07	11	14FEB07	247	2		0.00	24,882.78



Run Date 17NOV05 13:15

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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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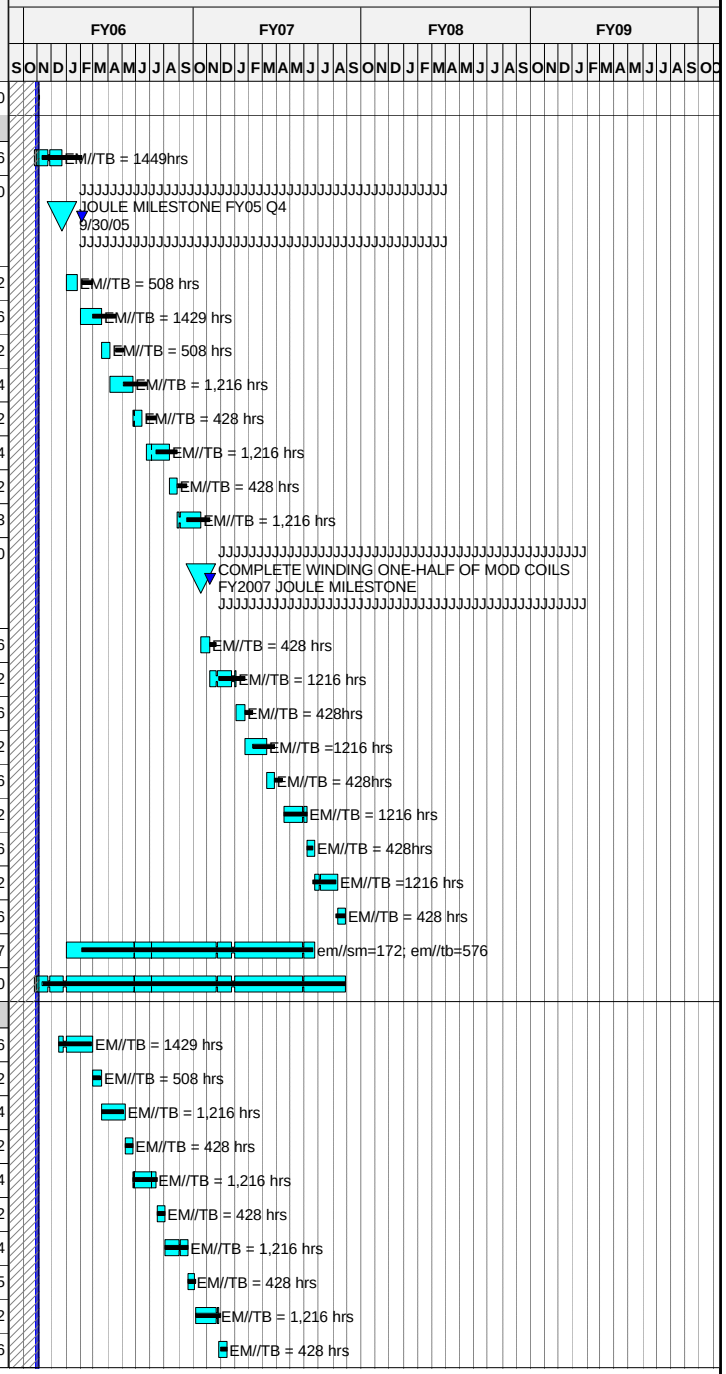
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
P1-000	ECP36 holes for cooling lines included in above	03NOV05*	1	03NOV05	986			0.00	0.00
Station 2-Winding, Instl Chill Plates,Tubing,Bag									
P1-011	Wind coil C1>>@150%	25OCT05A	42*	23DEC05	146	2	2	2,360.13	118,006.56
P1-011J	Complete Winding First Modular Coil		0	23DEC05	154	2		0.00	0.00
P1-020	Instl Chill Plates,Tubing, Bag C1>>@150%	03JAN06	18	26JAN06	154	2		0.00	41,371.52
P2-101	Wind coil C-3	31JAN06	35	20MAR06	152	2		0.00	116,377.76
P2-110	Instl Chill Plates,Tubing,Bag C3	21MAR06	12	05APR06	152	2		0.00	41,371.52
P1-131	Wind coil C5	06APR06	35	24MAY06	152	2		0.00	99,031.04
P1-140	Instl Chl Plates,Tubing, Bag C5	25MAY06	12	12JUN06	152	2		0.00	34,856.32
P3-011	Wind coil A2	26JUN06	35	14AUG06	143	2		0.00	99,031.04
P3-020	Instl Chill Plates,Tubing, Bag A2	15AUG06	12	30AUG06	143	2		0.00	34,856.32
P1-041	Wind coil B1	31AUG06	35	19OCT06	143	2		0.00	99,896.83
P2-041JOUL	JOULE FY07 Cmplt winding one-half modular coils		0	19OCT06	143	2		0.00	0.00
P1-050	Instl Chl Plates,Tubing, Bag B1	20OCT06	12	06NOV06	143	2		0.00	35,618.16
P1-071	Wind coil B2	07NOV06	35	04JAN07	143	2		0.00	101,195.52
P1-080	Instl Chl Plates,Tubing,Bag B2	05JAN07	12	22JAN07	143	2		0.00	35,618.16
P2-071	Wind coil B3	23JAN07	35	12MAR07	153	2		0.00	101,195.52
P2-080	Instl Chill Plates,Tubing,Bag B3	13MAR07	12	28MAR07	153	2		0.00	35,618.16
P3-071	Wind coil B5	17APR07	35	05JUN07	145	2		0.00	101,195.52
P3-080	Instl Chill Plates,Tubing,Bag B5	06JUN07	12	21JUN07	145	2		0.00	35,618.16
P1-161	Wind coil A6	22JUN07	35	10AUG07	145	2		0.00	101,195.52
P1-170	Instl Chill Plates,Tubing,Bag A6	13AUG07	12	28AUG07	145	2		0.00	35,618.16
174-037	Modular Coil local I&C -Install (from wbs 143)	03JAN06	372*	21JUN07	146			0.00	69,688.97
SSD-ST2	Second shift cost differential	25OCT05A	462*	28AUG07	145			352.00	32,000.00
Station 3-Winding, Instl Chill Plates,Tubing,Bag									
P1-101	Wind coil C-2>>@125%	16DEC05	46	27FEB06	144	2		0.00	116,377.76
P1-110	Instl Chill Plates,Tubing,Bag C2>>@125%	28FEB06	15	20MAR06	144	2		0.00	41,371.52
P3-101	Wind coil C4	21MAR06	35	08MAY06	144	2		0.00	99,031.04
P3-110	Instl Chill Plates,Tubing, Bag C4	09MAY06	12	24MAY06	144	2		0.00	34,856.32
P2-011	Wind coil A1	25MAY06	35	14JUL06	144	2		0.00	99,031.04
P2-020	Instl Chill Plates,Tubing, Bag A1	17JUL06	12	01AUG06	144	2		0.00	34,856.32
P3-041	Wind coil A3	02AUG06	35	20SEP06	144	2		0.00	99,031.04
P3-050	Instl Chl Plates,Tubing, Bag A3	21SEP06	12	06OCT06	144	2		0.00	35,173.75
P3-131	Wind coil A4	09OCT06	35	28NOV06	144	2		0.00	101,195.52
P3-140	Instl Chl Plates,Tubing, Bag A4	29NOV06	12	14DEC06	144	2		0.00	35,618.16



Run Date 17NOV05 13:15

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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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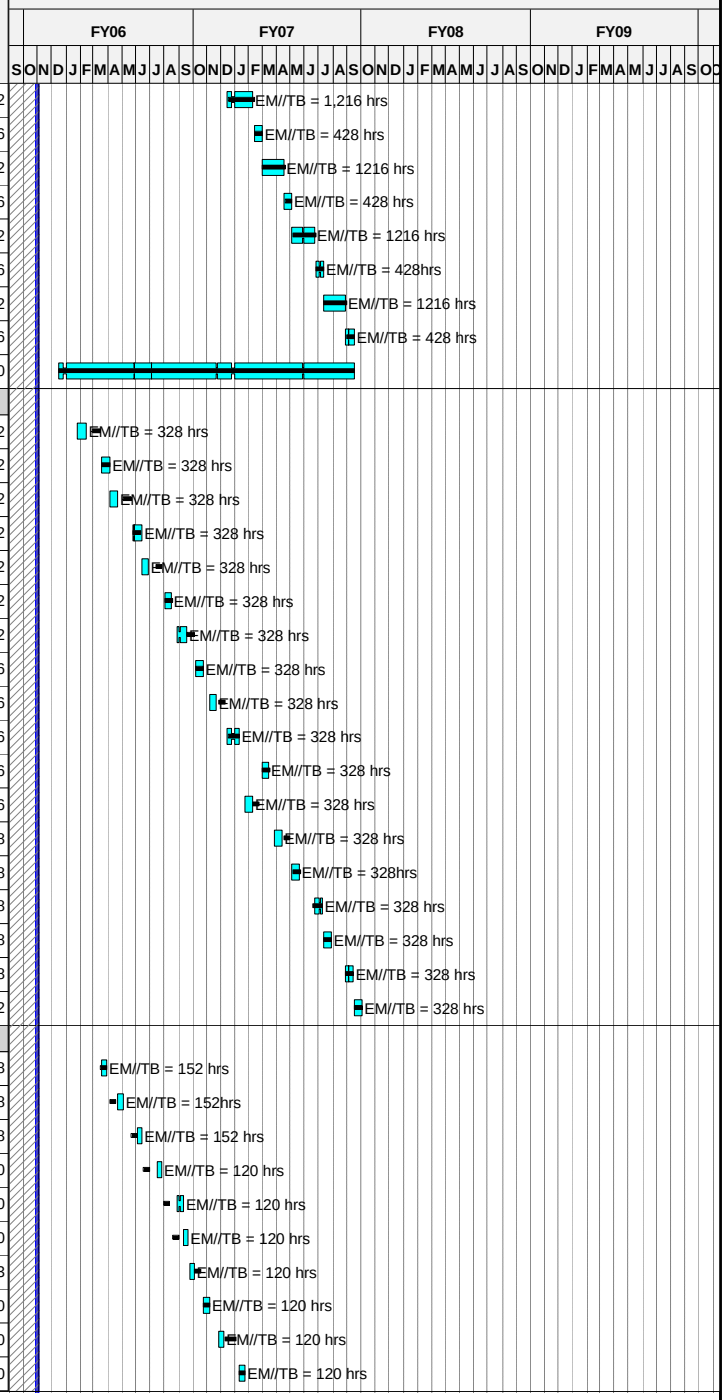
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
P2-131	Wind coil A5	15DEC06	35	09FEB07	144	2		0.00	101,195.52
P2-140	Instl Chl Plates,Tubing, Bag A5	12FEB07	12	27FEB07	144	2		0.00	35,618.16
P2-161	Wind coil B4	28FEB07	35	17APR07	144	2		0.00	101,195.52
P2-170	Instl Chill Plates,Tubing,Bag B4	18APR07	12	03MAY07	144	2		0.00	35,618.16
P2-041	Wind coil C6	04MAY07	35	22JUN07	144	2		0.00	101,195.52
P2-050	Instl Chl Plates,Tubing, Bag C6	25JUN07	12	11JUL07	144	2		0.00	35,618.16
P3-161	Wind coil B6	12JUL07	35	29AUG07	144	2		0.00	101,195.52
P3-170	Instl Chill Plates,Tubing,Bag B6	30AUG07	12	17SEP07	144	2		0.00	35,618.16
SSD-ST3	Second shift cost differential	16DEC05	440*	17SEP07	143			0.00	32,000.00
Station 5-VPI									
P1-021V	VPI (Station 5) C1	27JAN06	12	13FEB06	252			0.00	26,712.32
P1-111V	VPI (Station 5) C2	21MAR06	12	05APR06	227			0.00	26,712.32
P2-111V	VPI (Station 5) C3	06APR06	12	21APR06	227			0.00	26,712.32
P3-111V	VPI (Station 5) C4	25MAY06	12	12JUN06	204			0.00	26,712.32
P1-141V	VPI (Station 5) C5	13JUN06	12	28JUN06	204			0.00	26,712.32
P2-021V	VPI (Station 5) A1	02AUG06	12	17AUG06	181			0.00	26,712.32
P3-021V	VPI (Station 5) A2	31AUG06	12	18SEP06	172			0.00	26,712.32
P3-051V	VPI (Station 5) A3	09OCT06	12	24OCT06	158			0.00	27,296.16
P1-051V	VPI (Station 5) B1	07NOV06	12	22NOV06	149			0.00	27,296.16
P3-141V	VPI (Station 5) A4	15DEC06	12	09JAN07	152			0.00	27,296.16
P1-081V	VPI (Station 5) A5	28FEB07	12	15MAR07	162			0.00	27,296.16
P2-141V	VPI (Station 5) B2	23JAN07	12	07FEB07	143			0.00	27,296.16
P2-081V	VPI (Station 5) B3	29MAR07	12	13APR07	153			0.00	23,218.38
P3-081V	VPI (Station 5) B4	04MAY07	12	21MAY07	155			0.00	23,218.38
P2-171V	VPI (Station 5) B5	22JUN07	12	10JUL07	168			0.00	23,218.38
P2-051V	VPI (Station 5) C6	12JUL07	12	27JUL07	167			0.00	23,218.38
P1-171V	VPI (Station 5) A6	29AUG07	12	14SEP07	145			0.00	23,218.38
P3-171V	VPI (Station 5) B6	18SEP07	12	03OCT07	144			0.00	23,374.62
Station 1B Final Clamp Installation									
P1-021C	Final Clamps & Warm Test (Station1) C1	20MAR06	9	30MAR06	252			0.00	12,378.88
P1-111C	Final Clamps & Warm Test (Station1) C2	21APR06	9	03MAY06	237			0.00	12,378.88
P2-111C	Final Clamps & Warm Test (Station1) C3	05JUN06	9	15JUN06	216			0.00	12,378.88
P3-111C	Final Clamps & Warm Test (Station1) C4	18JUL06	9	28JUL06	195			0.00	9,772.80
P1-141C	Final Clamps & Warm Test (Station1) C5	29AUG06	9	11SEP06	174			0.00	9,772.80
P2-021C	Final Clamps & Warm Test (Station1) A1	12SEP06	9	22SEP06	174			0.00	9,772.80
P3-021C	Final Clamps & Warm Test (Station1) A2	25SEP06	9	05OCT06	174			0.00	9,867.73
P3-051C	Final Clamps & Warm Test (Station1) A3	25OCT06	9	06NOV06	161			0.00	9,986.40
P1-051C	Final Clamps & Warm Test (Station1) B1	27NOV06	9	07DEC06	149			0.00	9,986.40
P3-141C	Final Clamps & Warm Test (Station1) A4	10JAN07	9	22JAN07	155			0.00	9,986.40



Run Date 17NOV05 13:15

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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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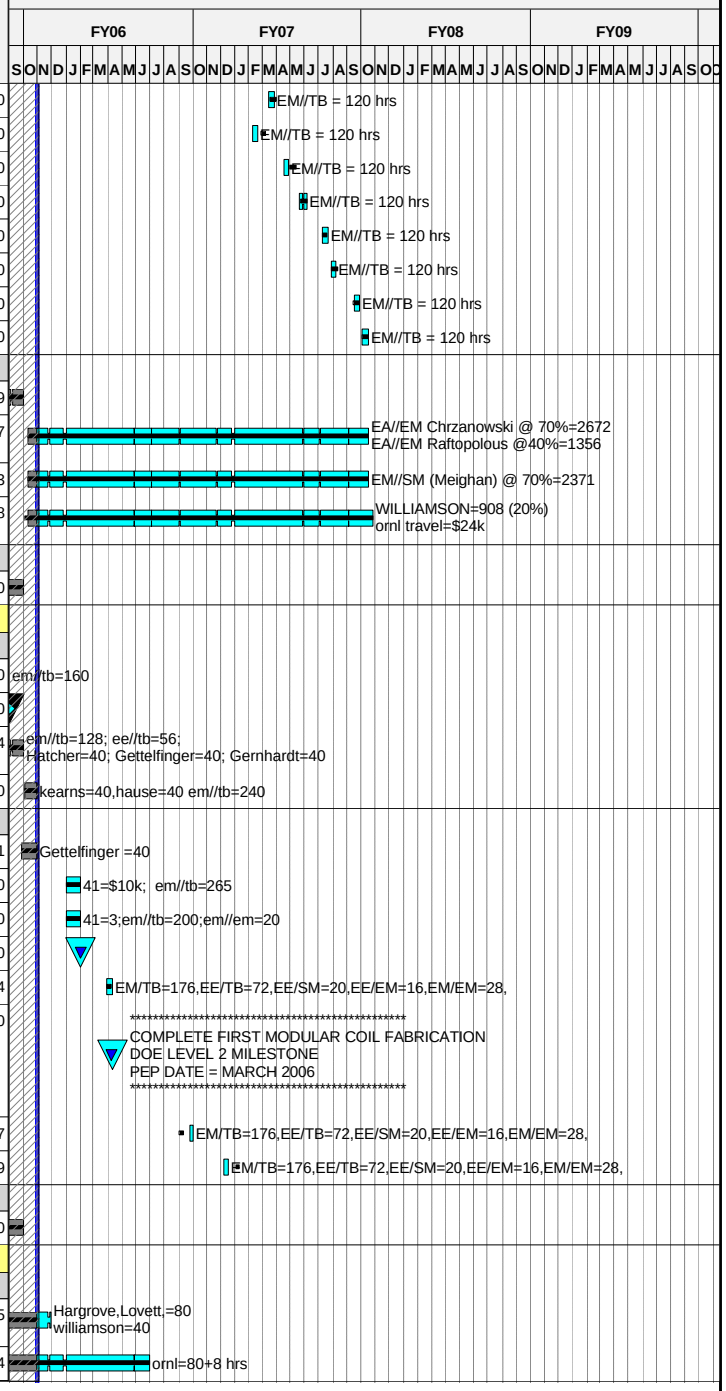
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
P1-081C	Final Clamps & Warm Test (Station1) A5	16MAR07	9	28MAR07	165			0.00	9,986.40
P2-141C	Final Clamps & Warm Test (Station1) B2	08FEB07	9	20FEB07	143			0.00	9,986.40
P2-081C	Final Clamps & Warm Test (Station1) B3	16APR07	9	26APR07	153			0.00	9,986.40
P3-081C	Final Clamps & Warm Test (Station1) B4	22MAY07	9	04JUN07	155			0.00	9,986.40
P3-171C	Final Clamps & Warm Test (Station1) B5	11JUL07	9	23JUL07	177			0.00	9,986.40
P2-051C	Final Clamps & Warm Test (Station1) C6	30JUL07	9	09AUG07	173			0.00	9,986.40
P1-171C	Final Clamps & Warm Test (Station1) A6	17SEP07	9	27SEP07	148			0.00	9,986.40
P2-171C	Final Clamps & Warm Test (Station1) B6	04OCT07	9	16OCT07	144			0.00	10,255.20
LOE Oversight & Supervision									
171-000	Winding Preparations (LOE) FY05	01AUG05A	49*	30SEP05A				53,382.29	53,382.29
171-040	Winding Oversight (LOE)	10OCT05A	505*	16OCT07	144			21,013.09	656,659.27
171-041	Tech Supervision	10OCT05A	505*	16OCT07	144			9,845.01	307,656.53
TITLE3W	Titel III Design ORNL- Component Fab & WINDING	10OCT05A	512*	25OCT07	493			6,079.25	196,104.78
FY05CV-25	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				81,000.00	81,000.00
Job: 1414 Coil Testing-Gettelfinger									
Twisted Racetrack Hardware Fabrication									
1409-141	Modify Cryostat for TRC	01APR05A	107*	31AUG05A			100	11,923.20	11,923.20
1406-020	Begin Testing of Twisted RT in Coil test Stand	31AUG05A	0				100	0.00	0.00
1406-021	Test Coil	10AUG05A	37*	30SEP05A			100	30,844.24	30,844.24
1406-023	Hi-pot & Dissect Coil	03OCT05A	0*	31OCT05A			100	26,060.80	26,060.80
Production Modular Coils									
1409-130	Production Cryostat Design	26SEP05A	26*	31OCT05A			100	6,839.71	6,839.71
1409-135	Production Cryostat Fabr & Install	03JAN06*	22	01FEB06	365			0.00	35,291.60
1409-136	Valve/pump repairs&safety mods to cryo pp sys	03JAN06*	21	31JAN06	366			0.00	23,871.20
1409-199	Closed Loop Facility Available for Production MC		0	01FEB06	365			0.00	0.00
P1-021	Test Coil (Coil Test Stand) C1	31MAR06	7	10APR06	324			0.00	30,321.24
P1-021.1	Complete First Mod Coil Fabrication C1		0	10APR06	324			0.00	0.00
P2-021	Test Coil (Coil Test Stand) A1	25SEP06	7	03OCT06	201			0.00	22,882.87
P1-051	Test Coil (Coil Test Stand) B1	08DEC06	7	18DEC06	149			0.00	18,967.19
FY05CV-19	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				88,000.00	88,000.00
Job: 1421-Mod Coil Interface Hardware-WILLIAMSON									
Coil-to-coil Interface Design									
1403-11.1	Compl assembly / interface drawings for ICDs	01NOV04A	271*	30NOV05	974		90	28,273.10	31,414.55
1403-16	Assembly bolts, nuts,washers	01OCT04A	437*	30JUN06	158		60	8,491.88	14,153.14



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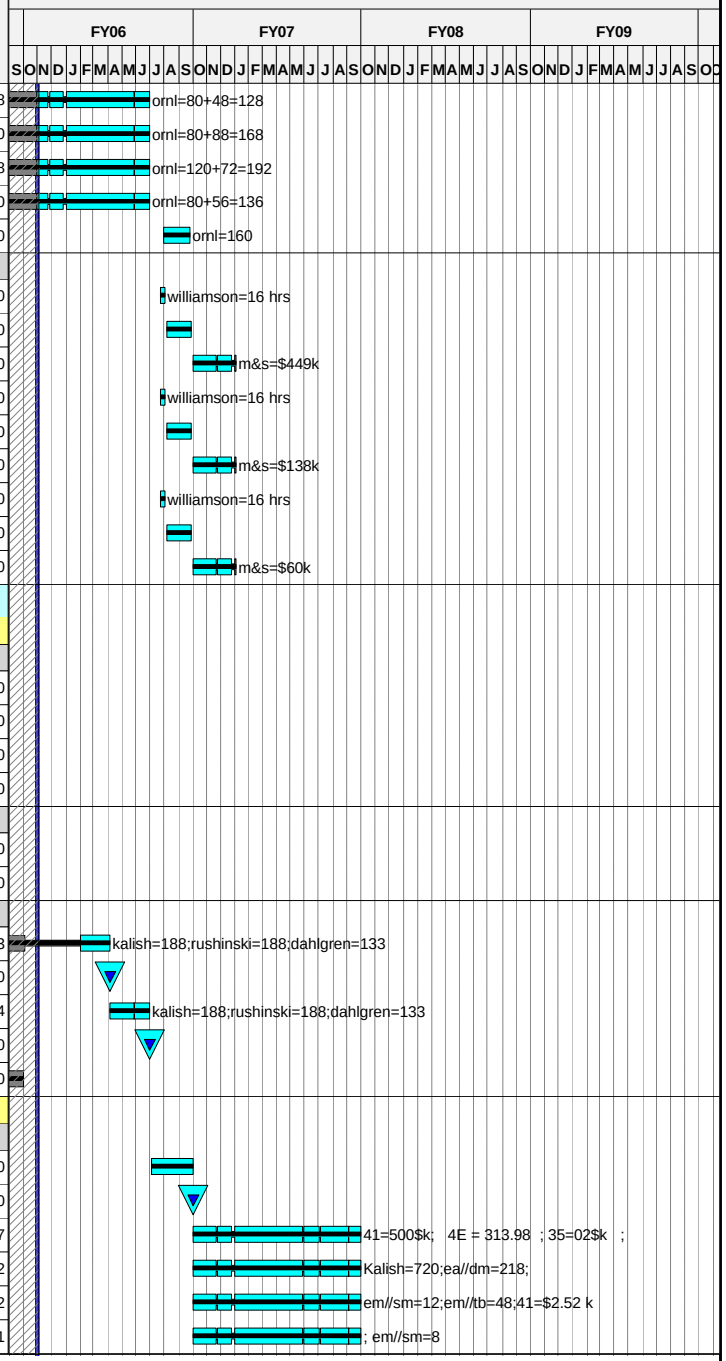
ECP-39 Status
xecp-39 baseline
Progress Bar
Critical Activity

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
1403-17	Assembly shims	01OCT04A	437*	30JUN06	158		60	12,351.83	20,586.38
1403-18	Eccentric ball assembly	08NOV04A	411*	30JUN06	829		60	8,124.48	27,081.60
1403-19	Top assembly dwgs for mod coil shell	01OCT04A	437*	30JUN06	829		60	11,425.44	30,879.58
1403-19A	Bladder Details	01JUL05A	251*	30JUN06	158		20	2,246.07	22,460.70
1403-20	3 coil assembly specification	01AUG06*	40	25SEP06	208			0.00	26,992.00
1421-100	Submet Requisition for - Assy bolts,nuts,washers	24JUL06*	10	04AUG06	144			0.00	2,699.20
1421-105	Procurement lead time for-Assy bolts,nuts,washer	07AUG06	40	29SEP06	144			0.00	0.00
1421-110	Deliver - Assy bolts,nuts,washers	02OCT06	60	03JAN07	144			0.00	449,000.00
1421-200	Submet Requisition for - Assembly shims	24JUL06*	10	04AUG06	144			0.00	2,699.20
1421-205	Procurement lead time for - Assembly shims	07AUG06	40	29SEP06	144			0.00	0.00
1421-210	Deliver - Assembly shims	02OCT06	60	03JAN07	144			0.00	138,000.00
1421-400	Submet Requisition for - Bladders	24JUL06*	10	04AUG06	144			0.00	2,699.20
1421-405	Procurement lead time for - Bladders	07AUG06	40	29SEP06	144			0.00	0.00
1421-410	Deliver - Bladders	02OCT06	60	03JAN07	144			0.00	60,000.00
15 - Structures									
Job: 1501 - Structures Design- Kalish									
PDR/PBR Task List									
1501-105	Project PDR	07OCT03A	1	07OCT03A			100	0.00	0.00
1501-109	Prepare FY 04 WP/WAF	31OCT03A	20	31OCT03A			100	12,360.00	12,360.00
1501-113	Prepare PBR documentation	04NOV03A	10	18NOV03A			100	6,180.00	6,180.00
1501-117	Performance baseline review		0	18NOV03A			100	0.00	0.00
Reqmnts,Configuration, Interfaces and PDR									
1501-125	Update drawings & models based on vendor	21OCT03A	30	26NOV03A			100	10,660.50	10,660.50
1501-133	Prepare a "scope sheet" which defines all interf	03NOV03A	124	30SEP04A			LOE	5,407.50	5,407.50
1501-FY05	Prelim Design Structures	01JUL05A	110*	03APR06	161		37*	45,219.12	85,946.73
1501-PDR	Structures PDR		0	03APR06	161			0.00	0.00
1501-FD	Final Design Structures	04APR06	63*	30JUN06	161			0.00	88,596.54
1501-FDR	Structures FDR		0	30JUN06	161			0.00	0.00
FY05CV-26	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-1,000.00	-1,000.00
Job:1550 - Structures Procurement -KALISH									
1501-245	Prep Spec,Solicit Bids, and Evaluate Bids	03JUL06	65	02OCT06	161			0.00	0.00
162-036.9	Award Coil Support Assy		0	02OCT06*	161			0.00	0.00
162-037	WBS 151Coil Support Assy Procurement [A/1]	03OCT06	249	01OCT07	161			0.00	1,013,788.47
162-031	Title III engr WBS 151	03OCT06	249	01OCT07	511			0.00	153,878.32
153.037	WBS 153 Support Structure I&C Procurement/Fab	03OCT06*	249	01OCT07	511			0.00	9,022.42
153.015	Title III design WBS 153 localI&C	03OCT06*	249	01OCT07	511			0.00	1,048.11



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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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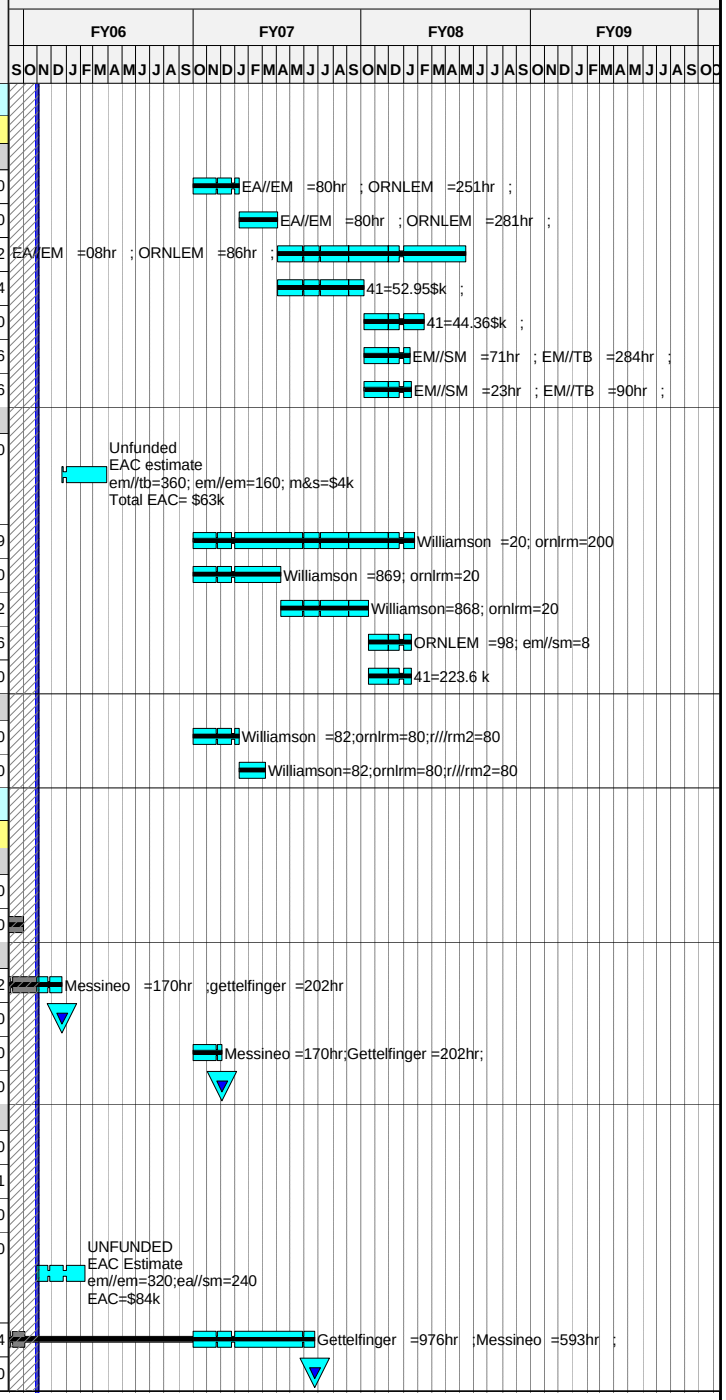
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
16 - Coil Services									
Job: 1601 - Coil Services Design-WILLIAMSON									
161 - LN2 Distribution									
191-001	Title I design WBS 161 LN2 manifolds&piping	02OCT06*	65	10JAN07	306			0.00	57,375.70
191-011	Title II design WBS 161 LN2 manifolds&piping	11JAN07	60	04APR07	306			0.00	114,923.30
191-031	Title III engr WBS 161	05APR07	280	15MAY08	356			0.00	16,567.82
191-037	Procurement WBS 161	05APR07	130	08OCT07	306			0.00	72,677.54
191-038	PDR#17	09OCT07*	86	15FEB08	420			0.00	62,325.80
191-041	LN2 Manifolds & ppg Fab/assy/instl WBS 161	09OCT07*	62	14JAN08	306			0.00	33,821.56
191-042	PDR #17,25,3	09OCT07*	65	17JAN08	441			0.00	10,785.36
162 - Electrical Leads									
162-100	Kickless cable testing	22DEC05	65	30MAR06	324			0.00	0.00
132-000	PDR #17 & 25	02OCT06	325	24JAN08	436			0.00	41,396.19
132-001	Title I design WBS 162 Coil leads	02OCT06*	130	11APR07	303			0.00	153,159.10
132-011	Title II design WBS 162 Coil leads	12APR07	130	15OCT07	303			0.00	153,686.42
132-015	Title III design WBS 162 Coil leads	16OCT07*	60	17JAN08	441			0.00	18,618.16
132-037	Coil Leads Procurement WBS 162	16OCT07*	60	17JAN08	303			0.00	314,186.10
163 - Coil Protection System									
163.001	Title I design WBS 163 Coil protection	02OCT06*	65	10JAN07	656			0.00	42,744.60
163.011	Title II design WBS 163 Coil protection	11JAN07	40	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			100	12,180.00	12,180.00
FY05CV-27	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				178,000.00	178,000.00
Base Support									
161-001	Title I design WBS 172 base support struct	01APR04A	435*	23DEC05	464		90	45,373.43	50,414.92
151-003	Base Support Struct PDR		0	23DEC05*	464			0.00	0.00
161-011	Final Design Base Support Structure WBS 172	02OCT06*	45	05DEC06	273			0.00	66,050.80
172-199	Base Support Structure FDR		0	05DEC06	273			0.00	0.00
Cryostat									
151-000	Adv Concep Design Cryostat shell & struct	01DEC03A	103*	31MAR04A			100	6,000.00	6,000.00
151-001	Title I design WBS 171 cryostat	01APR04A	270*	29APR05A			100	125,850.61	125,850.61
151-002	Cryostat PDR		0	29APR05A			100	0.00	0.00
171-100	Advanced Prelim Design Cryostat	01NOV05	65	09FEB06	924			0.00	0.00
151-011	Final Design Cryostat WBS 171	25JUL05A	231*	22JUN07	175		2	4,754.02	237,701.24
171-199	Cryostat FDR		0	22JUN07	175			0.00	0.00



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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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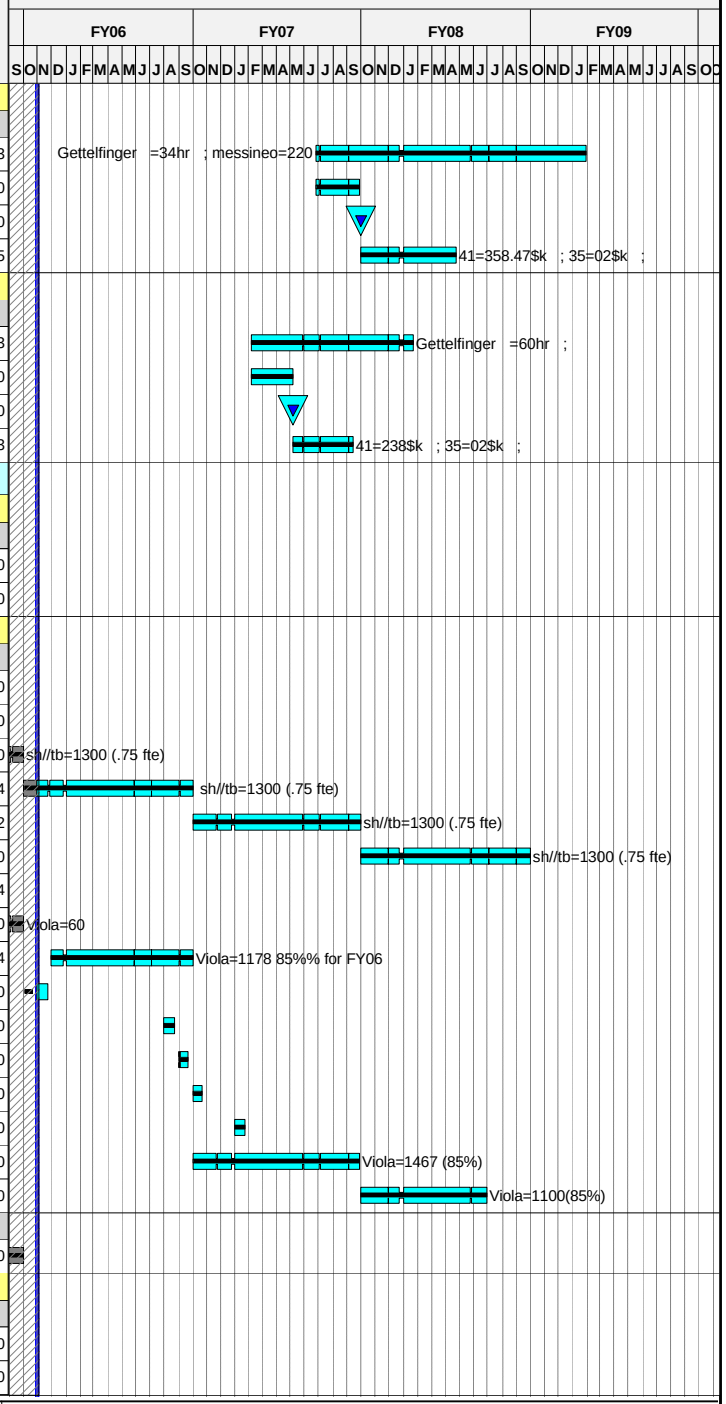
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
Job: 1751 - Cryostat Procurement									
171 - Cryostat									
151-031	Title III engr	25JUN07	405	28JAN09	175			0.00	33,260.63
151-036.8	Prep Spec, Solicit bids, and Select Vendor	25JUN07	65	25SEP07	175			0.00	0.00
151-036.9	Award Cryostat Procurement		0	01OCT07*	242			0.00	0.00
151-037	Cryostat Procurement [A/1]	02OCT07	141	25APR08	242			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	438			0.00	10,726.43
161-036.8	Prep Spec, Solicit bids, and Select Vendor	06FEB07*	65	07MAY07	235			0.00	0.00
161-036.9	Award Machine Base&supports Procurement		0	07MAY07	235			0.00	0.00
161-037	Machine Base&supports Procurement [A/1]	08MAY07	90	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			100	7,750.00	7,750.00
1801-002	Apr-Sept MIE Costs ORNL	01APR03A	42	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			LOE	61,119.60	61,119.60
181.201	D-Site Shift Supervisor LOE FY04	01JUL04A	64*	30SEP04A			LOE	25,920.40	25,920.40
181.210	HP Coverage in the TFTR TC LOE FY05	01OCT04A	249*	30SEP05A			LOE	136,539.00	136,539.00
181.222	HP Coverage in the TFTR TC LOE FY06	01OCT05A	250*	02OCT06	760			12,375.62	147,328.84
181.220	HP Coverage in the TFTR TC LOE FY07	02OCT06*	250*	01OCT07	511			0.00	150,543.22
181.221	HP Coverage in the TFTR TC LOE FY08	01OCT07*	251*	30SEP08	261			0.00	154,583.00
181.100	PPPL EM LOE FY04	13OCT03A	242*	30SEP04A			LOE	77,518.74	77,518.74
181.110	PPPL EM LOE FY05	01OCT04A	249*	30SEP05A			LOE	9,625.20	9,625.20
181.120	PPPL EM LOE FY06	01DEC05*	209*	02OCT06	760			0.00	204,416.14
181.2A	Procedure for VV prep	01NOV05*	15	21NOV05	334			0.00	0.00
181.2B	Procedure for MC HP subassy	01AUG06*	15	21AUG06	231			0.00	0.00
181.2C	Procedure for MC instl on VV	01SEP06*	15	22SEP06	258			0.00	0.00
181.2D	Procedure for TF HP sub assy	02OCT06*	15	20OCT06	277			0.00	0.00
181.2E	Procedure for Final FP assy	02JAN07*	15	22JAN07	211			0.00	0.00
181.121	PPPL EM LOE FY07	02OCT06*	249*	28SEP07	512			0.00	260,099.10
181.122	PPPL EM LOE FY08	01OCT07*	187*	30JUN08	325			0.00	200,288.00
FY05CV-28	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				57,000.00	57,000.00
Job: 1803- FP Assy Toolg/Constructability-BROWN									
1.00-VV Prep Station									
1803-1.01	Concept definition and requirements	01FEB05A	10	28FEB05A			100	16,056.00	16,056.00
1803-1.02	VV Support Fixture - model design& drawing detai	01FEB05A	73	31MAY05A			100	13,604.00	13,604.00



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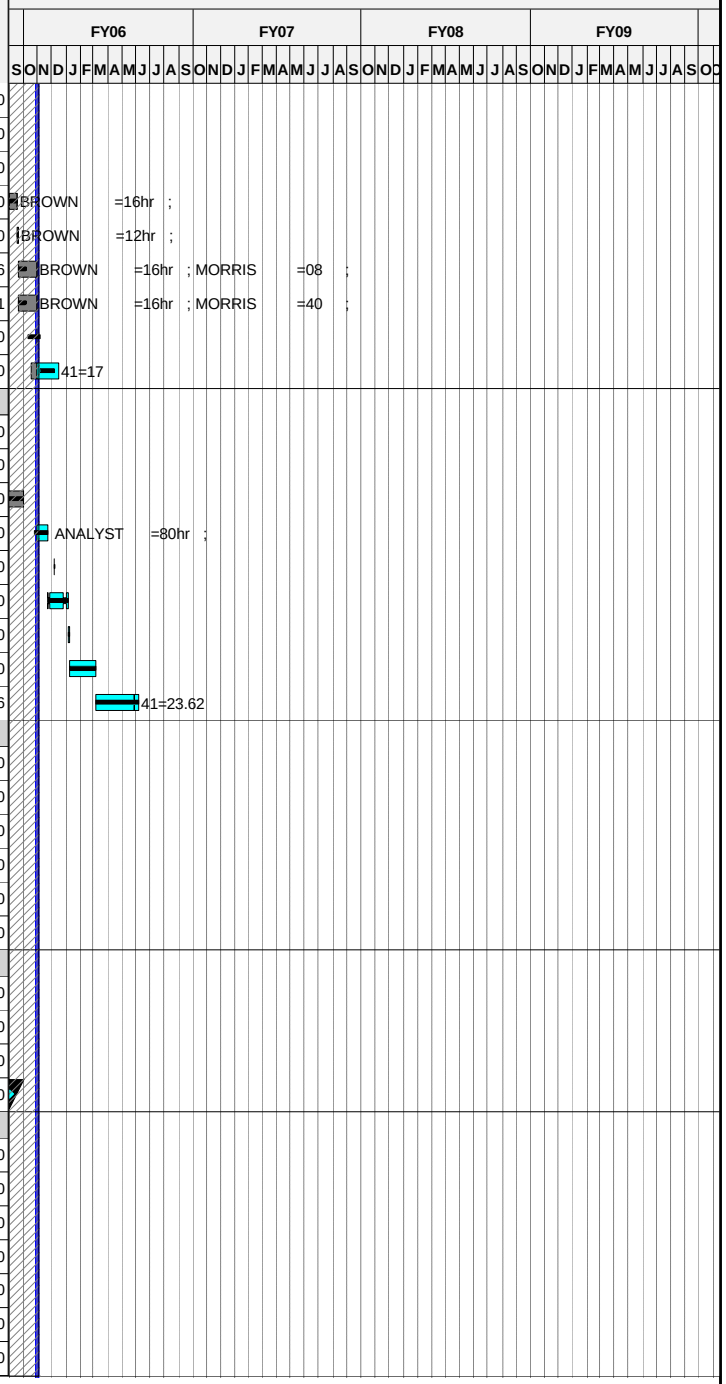
ECP-39 Status
xecp-39 baseline
Progress Bar
Critical Activity

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
1803-1.04	Metrology -sightline layout metrology support	13APR05A	18	31MAY05A			100	25,502.00	25,502.00
1803-1.05	Structural / Seismic Analysis check	01FEB05A	86*	31MAY05A			100	13,220.00	13,220.00
1803-1.06	Design review PDR VV Prep Station	01AUG05A	0*	10AUG05A			100	1,983.00	1,983.00
1803-1.09	Safety Review documentation / presentation	02SEP05A	10	15SEP05A			100	2,644.00	2,644.00
1803-1.061	Design review FDR VV Prep Station	16SEP05A	2	19SEP05A			100	1,983.00	1,983.00
1803-1.07	Design check and sign-off	20SEP05A	30*	31OCT05A			100	3,636.96	3,636.96
1803-1.10	Fab / Design Review - follow-up activities	20SEP05A	30*	31OCT05A			100	7,214.11	7,214.11
1803-1.08	Prep & Issue dwgs,and requisition	31OCT05A	5*	31OCT05A			100	0.00	0.00
1803-1.12	PPPL FAB - VV support Fixture (1)	17OCT05A	44*	15DEC05	334		75	17,480.25	23,307.00
2.00-Half Period Assembly									
1803-2.01	Concept definition and requirements	03JAN05A	52*	28FEB05A			100	16,056.00	16,056.00
1803-2.02	MC Holding Fixture - model design and drawing	01FEB05A	79*	29APR05A			100	21,728.00	21,728.00
1803-2.04	Metrology - sightline layout design details metr	01AUG05A	77*	30SEP05A			100	15,209.60	15,209.60
1803-2.05	Structural / Seismic Analysis check	01NOV05*	15*	21NOV05	286			0.00	13,924.80
1803-2.06	PDR Half Period Assy	07DEC05*	1	07DEC05	280			0.00	0.00
1803-2.061	FDR Half Period Assy	22NOV05	24*	04JAN06	286			0.00	0.00
1803-2.08A	Prep & Issue Spec,dwgs,and requisition	05JAN06	3	09JAN06	286			0.00	0.00
1803-2.08	Procurement Lead Time and Award	10JAN06	40	06MAR06	286			0.00	0.00
1803-2.11	Fab MC HP Assy Fixtures (1)	07MAR06	65	06JUN06	286			0.00	31,889.46
3.00-MC Installation									
1803-3.01	Concept definition and requirements	25OCT04A	5	29OCT04A			100	6,610.00	6,610.00
1803-3.02	MC Turning Fixture and base - model design and d	15NOV04A	48*	31JAN05A			100	1,983.00	1,983.00
1803-3.03	MC Gantry Crane - model design and drawing detai	29NOV04A	40*	31JAN05A			100	14,265.00	14,265.00
1803-3.04	VV support stand - model design and drawing deta	29NOV04A	104*	29APR05A			100	8,849.00	8,849.00
1803-3.05	Platform - design and drawing details	01FEB05A	7	29APR05A			100	9,179.50	9,179.50
1803-3.084	Industry Info Meeting	21FEB05A	1	21FEB05A			100	0.00	0.00
3.10 MC Turning Fixture-Industry Option									
1803-3.10A	Issue dwgs	02MAY05A	30	31MAY05A			100	20,243.80	20,243.80
180303.10A	Issue RFP		0	31MAY05A			100	0.00	0.00
1803-3.10C	Proposals Due		0	17JUN05A			100	0.00	0.00
1803-3.14	DECISION ON APPROACH		0	31AUG05A			100	0.00	0.00
3.20 MC Turning Fixture-Crane Option									
1803-3.30	Develop Crane Design Option	01MAY05A	6*	31MAY05A			100	0.00	0.00
1803-3.33	Design Equivalent Test Simulation Model	16MAY05A	33*	17JUN05A			100	6,416.80	6,416.80
1803-3.36	Design Test Track	20JUN05A	7	24JUN05A			100	6,416.80	6,416.80
1803-3.39	Fab Test Track	27JUN05A	24*	29JUL05A			100	56,326.60	56,326.60
1803-3.40	Site Prep	27JUN05A	5	30JUN05A			100	0.00	0.00
1803-3.43	Assembly of Test Article	29JUL05A	5	29JUL05A			100	11,923.20	11,923.20
1803-3.46	Metrology set-up	29JUL05A	5	29JUL05A			100	0.00	0.00



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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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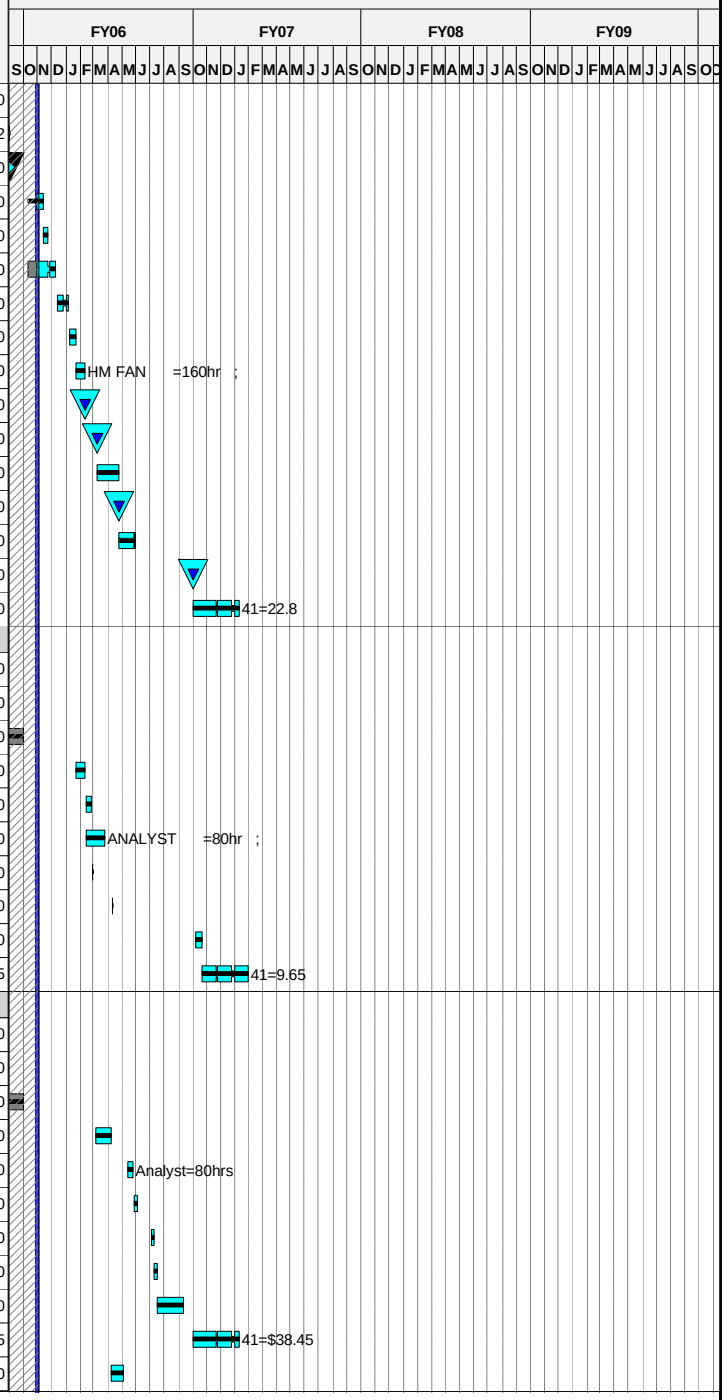
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
1803-3.49	Run Test	29JUL05A	3	29JUL05A			100	11,004.00	11,004.00
1803-3.50	Test Evaluation and Write up	31AUG05A	0*	31AUG05A			100	2,566.72	2,566.72
1803-3.52	DECISION ON APPROACH		0	31AUG05A			100	0.00	0.00
1803-3.15	MC Crane load support sys	01NOV05*	9*	11NOV05	303			0.00	0.00
1803-3.60	Laser Screen Guide Mods	14NOV05*	8*	23NOV05	303			0.00	0.00
1803-3.62	VV support stand and misc fixtures	10OCT05A	43*	09DEC05	293		50	0.00	0.00
1803-3.64	Platform for flange bolting	12DEC05*	14*	06JAN06	293			0.00	0.00
1803-3.66	Metrology layout	09JAN06*	10*	20JAN06	293			0.00	0.00
1803-3.07	Seismic Analysis check	23JAN06*	15*	10FEB06	293			0.00	27,849.60
1803-3.15B	PDR Turning fixture & Base		0	10FEB06*	293			0.00	0.00
1803-3.15E	FDR Turning fixture & Base		0	08MAR06*	275			0.00	0.00
1803-3.07A	Prep Procurement Pkg	09MAR06*	35	26APR06	275			0.00	0.00
1803-3.08A	Issue RFP		0	26APR06	275			0.00	0.00
1803-3.08B	Recieve & Evaluate Bids	27APR06	25	01JUN06	275			0.00	0.00
1803-3.15D	Award Fabrication Contract		0	02OCT06*	189			0.00	0.00
1803-3.15C	Fab Crane Support & Laser screens	03OCT06*	65	11JAN07	189			0.00	31,258.80
4.00-TF HP Assembly									
1803-4.01	Concept definition and requirements	01MAR05A	5	28MAR05A			100	10,704.00	10,704.00
1803-4.03	TF HP support turning fixture - model design d	01APR05A	15	30JUN05A			100	14,265.00	14,265.00
1803-5.002	TF Rotation Fixture plus dwgs start	02MAY05A	129*	30SEP05A			100	32,592.00	32,592.00
1803-4.06	TF Rotation Fixture plus dwgs complete	23JAN06*	15*	10FEB06	351			0.00	0.00
1803-4.06A	Metrology layout	13FEB06*	10*	24FEB06	370			0.00	0.00
1803-4.07	Structural / Seismic Analysis check	13FEB06*	30*	24MAR06	351			0.00	13,924.80
1803-4.08	PDR Final FP Assy	28FEB06	1	28FEB06*	369			0.00	0.00
1803-4.081	FDR Final FP Assy	11APR06	1	11APR06*	340			0.00	0.00
1803-4.10A	Prep & Issue Spec,dwgs,and req-pltfrm&sprts	09OCT06*	10	20OCT06	214			0.00	0.00
1803-4.13	FAB-TF Support Stands (1)	23OCT06	65	31JAN07	214			0.00	13,230.15
5.00-Final FP Assembly									
1803-4.02	MC Support Stand - model design and drawing deta	01APR05A	89*	31MAY05A			100	14,265.00	14,265.00
1803-5.001	Concept definition and requirements	02MAY05A	10	31MAY05A			100	10,704.00	10,704.00
1803-4.04	FP Assembly platform - model design drawing det	01AUG05A	65*	30SEP05A			100	21,397.50	21,397.50
1803-5.003	MC support stand	06MAR06*	25*	07APR06	261			0.00	0.00
1803-5.004	Structural Analysis	17MAY06*	8*	26MAY06	254			0.00	13,924.80
1803-5.005	PDR	30MAY06	5	05JUN06*	254			0.00	0.00
1803-5.006	FDR	05JUL06	5	11JUL06*	234			0.00	0.00
1803-5.007	Pre & Issue Specs and Dwgs	12JUL06	5	18JUL06	234			0.00	0.00
1803-5.008	Procurement Lead Time	19JUL06	40	12SEP06	234			0.00	0.00
1803-5.009	Fabricate	02OCT06*	65	10JAN07	221			0.00	52,714.95
1803-5.100	FP Assy Platform	10APR06*	20*	05MAY06	261			0.00	0.00



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

0510

NCSX

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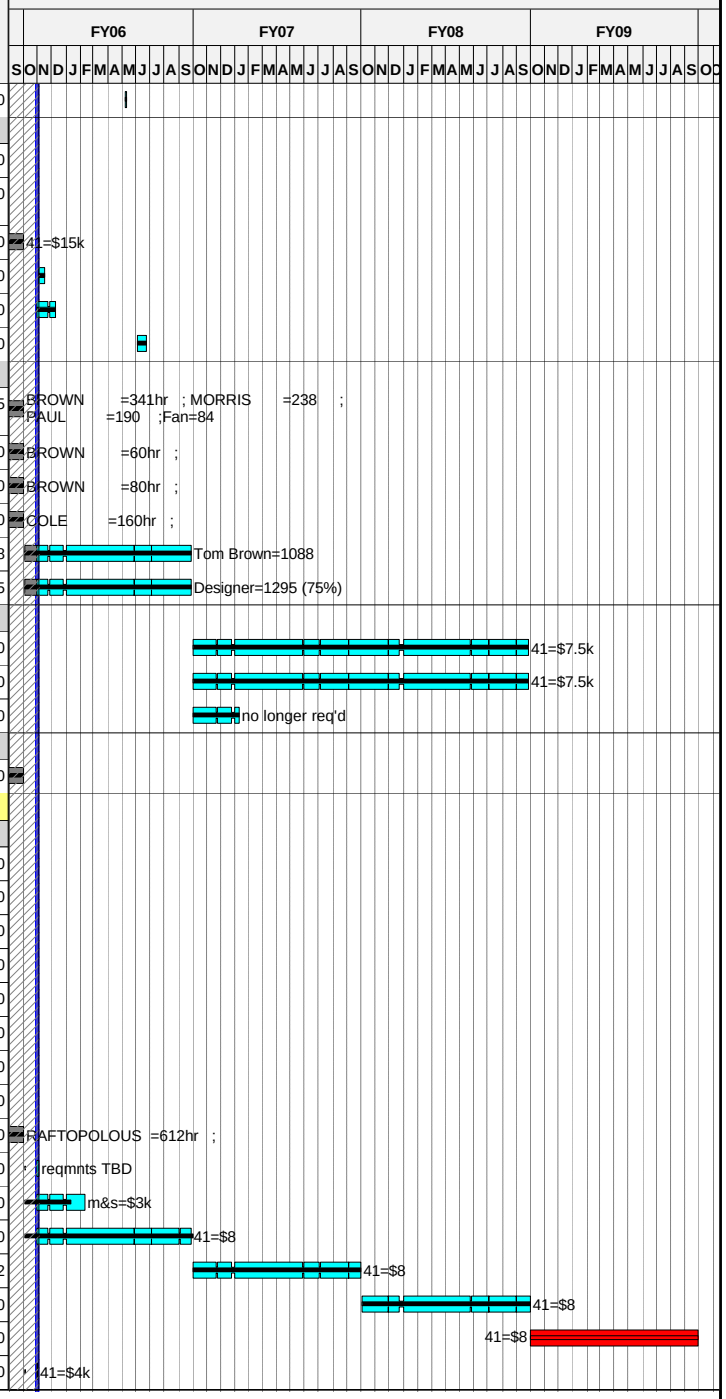
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
1803-5.200	Metrology layout/support stand dwgs	08MAY06*	5*	12MAY06	264			0.00	0.00
6.00-Interface/Test Activities									
1803-5.01	Finalize TFTR test cell FPA assembly layout draw	01JUN05A	42*	29JUL05A			100	9,066.40	9,066.40
1803-5.03	Design MC assy test components	01JUN05A	25*	30JUN05A			100	32,112.00	32,112.00
1803-5.04	Fab - Test Articles	01JUL05A	65*	30SEP05A			100	19,215.00	19,215.00
1803-5.02A	Generate as built spherical seat dwg	04NOV05*	8*	15NOV05	422			0.00	0.00
1803-5.05	Run test/metrology measurements	01NOV05*	26*	08DEC05	968			0.00	0.00
1803-5.02	TFTR Test Cell FPA arrgmnt dwg	05JUN06*	15*	23JUN06	834			0.00	0.00
7.00-Oversight									
1803-7.01	Meetings Prep and Reporting	01NOV04A	230*	30SEP05A			LOE	114,037.05	114,037.05
1803-7.02	Develop and maintain concept definition document	01NOV04A	230*	30SEP05A			LOE	9,915.00	9,915.00
1803-7.03	Develop and maintain assembly plan document	01NOV04A	349*	30SEP05A			LOE	9,254.00	9,254.00
1803-7.04	Mike Cole's FY05 on-site involvement in assembly	01NOV04A	230*	30SEP05A			LOE	24,800.00	24,800.00
1803-7.10	Tom Brown Engineering	03OCT05A	250*	29SEP06	765		LOE	15,907.69	189,377.28
1803-7.20	Design Activity	03OCT05A	250*	29SEP06	765		LOE	12,599.99	149,999.85
Tooling Design & Fabrication									
713A.040	General procurements	02OCT06*	498	26SEP08	263			0.00	10,410.00
713A.050	Welding tools, materials & equipt	02OCT06*	498	26SEP08	263			0.00	10,410.00
713A.060	Instl He gas piping from NSTX to D-site tc NOT R	02OCT06*	65	10JAN07	270			0.00	0.00
FY05CV-29	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-148,000.00	-148,000.00
Job: 1804-FP Assy Measurement Sys-RAFTOPOULOS									
Metrology									
740.010	Final Design Measurement systems	19JAN04A	181*	30SEP04A			LOE	26,000.00	26,000.00
740.011	3-D Scanner/Faro Arm FDR		0	30JAN04A				0.00	0.00
740.015	Prepare Requisition 3-D scanner & Romer Arm	30JAN04A	10	30JAN04A				0.00	0.00
740.030	Deliver 3-D Scanner & Romer Arm	01APR04A	10*	30APR04A			100	171,990.00	171,990.00
740.030A	Romer Arm Training	06JUL04A	3*	08JUL04A			100	0.00	0.00
740.031	Metrology Software Review		0	30JAN04A				0.00	0.00
740.032	Prepare Met Software Requisition	30JAN04A	10	30JAN04A				0.00	0.00
740.045	Purchase- second Faro Arm PE005330	01OCT04A	102	29OCT04A			100	70,455.00	70,455.00
1803-8	Metrology Support (moved from 1803)	01NOV04A	230*	30SEP05A			LOE	101,133.00	101,133.00
740.035	Deliver Metrology Software	01NOV05*	1	01NOV05	988			0.00	0.00
740.100	Romer CMM- spare probes	01NOV05*	65	09FEB06	924			0.00	4,113.00
740.105	Romer CMM-Software support&warranty renewal	01NOV05*	228*	29SEP06	761			0.00	10,968.00
740.106	Romer CMM-Software support&warranty renewal	03OCT06*	249*	01OCT07	511			0.00	10,978.92
740.107	Romer CMM-Software support&warranty renewal	03OCT07*	249*	30SEP08	261			0.00	11,240.00
740.108	Romer CMM-Software support&warranty renewal	03OCT08*	259*	30SEP09	0			0.00	11,520.00
740.110	Romer CMM-Laptop for 2nd arm	01NOV05*	0*	31OCT05	989			0.00	0.00



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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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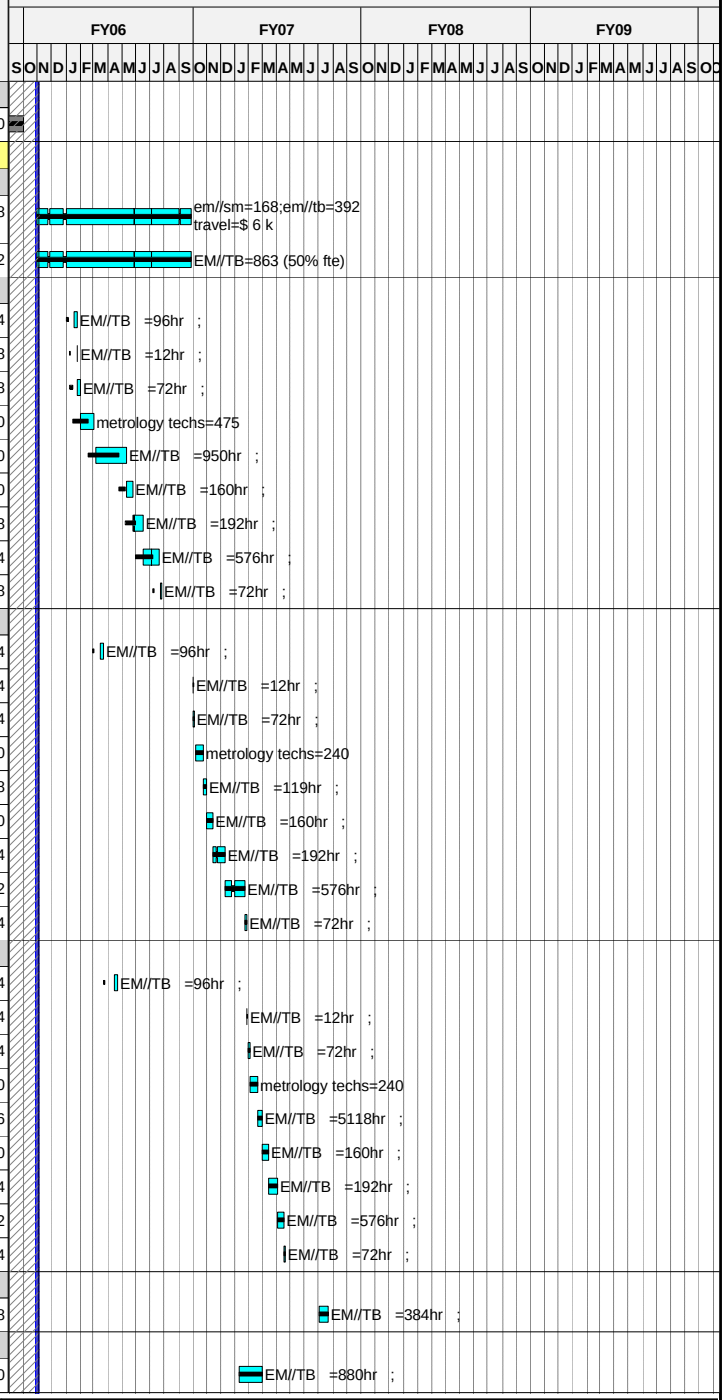
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
FY05CV-30	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				68,000.00	68,000.00
Job:1810 - Field Period Assembly-VIOLA									
Prep TFTR TC for Assembly operations									
740.020	Facility Prep	01NOV05*	228*	29SEP06	761			0.00	63,992.08
S0P0-100	LOE Crane support, fixture setupfor TFTR TC.	01NOV05*	229*	29SEP06	765			0.00	70,282.72
Stage 1 VV Prep (instl diag & insul)FP#1									
S1P1-101	Receive VV and inspect	18JAN06	4	23JAN06	302			0.00	7,818.24
S1P1-102	Mount VV on VV Prep fixture (top side up)	24JAN06	1	24JAN06	302			0.00	977.28
S1P1-103	Establish metrology setting; align VV base	25JAN06	4	30JAN06	302			0.00	5,863.68
S1P1-103.1	Layout diagnostic&coolant paths on vsl w/templt	31JAN06	24	03MAR06	302			0.00	38,684.00
S1P1-107	Wind magnetic diagnostic sensors	06MAR06	48	10MAY06	302			0.00	77,368.00
S1P1-107.1	Loop termination & verification	11MAY06	10	24MAY06	302			0.00	13,030.40
S1P1-106	Attach studs for coolant lines	25MAY06	16	16JUN06	302			0.00	15,636.48
S1P1-108	Install cooling/htg lines to vac vsl	19JUN06	24	21JUL06	302			0.00	46,909.44
S1P1-116	Prepare and transfer completed VV to holding are	24JUL06	3	26JUL06	302			0.00	5,863.68
Stage 1 VV Prep (instl diag & insul)FP#2									
S1P2-101	Receive VV and inspect	16MAR06	4	21MAR06	399			0.00	7,818.24
S1P2-102	Mount VV on VV Prep fixture (top side up)	02OCT06*	1	02OCT06	263			0.00	998.64
S1P2-103	Establish metrology setting; align VV base	03OCT06	4	06OCT06	263			0.00	5,991.84
S1P2-103.1	Layout diagnostic&coolant paths on vessel	09OCT06	12	24OCT06	263			0.00	19,972.80
S1P2-107	Wind magnetic diagnostic sensors	25OCT06	6	01NOV06	263			0.00	9,903.18
S1P2-107.1	Loop termination & verification	02NOV06	10	15NOV06	263			0.00	13,315.20
S1P2-106	Attach studs forcoolant lines	16NOV06	16	11DEC06	263			0.00	15,978.24
S1P2-108	Install cooling/htg lines to vac vsl	12DEC06	24	22JAN07	263			0.00	47,934.72
S1P2-116	Prepare and transfer completed VV to holding are	23JAN07	3	25JAN07	263			0.00	5,991.84
Stage 1 VV Prep (instl diag & insul)FP#3									
S1P3-101	Receive VV and inspect	17APR06	4	20APR06	476			0.00	7,818.24
S1P3-102	Mount VV on VV Prep fixture (top side up)	26JAN07	1	26JAN07	286			0.00	998.64
S1P3-103	Establish metrology setting; align VV base	29JAN07	4	01FEB07	286			0.00	5,991.84
S1P3-103.1	Layout diagnostic&coolant paths on vessel	02FEB07	12	19FEB07	286			0.00	19,972.80
S1P3-107	Wind magnetic diagnostic sensors	20FEB07	6	27FEB07	286			0.00	9,819.96
S1P3-107.1	Loop termination & verification	28FEB07	10	13MAR07	286			0.00	13,315.20
S1P3-106	Attach studs forcoolant lines	14MAR07	16	04APR07	286			0.00	15,978.24
S1P3-108	Install cooling/htg lines to vac vsl	05APR07	8	16APR07	286			0.00	47,934.72
S1P3-116	Prepare and transfer completed VV to holding are	17APR07	3	19APR07	286			0.00	5,991.84
Spool pieces (3) (spacers)									
S1SP-101	Attachdiagnostics, studs and coolant lines	02JUL07*	16	23JUL07	368			0.00	31,956.48
Stage 2 MC HP Sub-assembly (bolt 3 MC together)									
S2P1-100	Assemble Mod-Coils a1.b1,c1 FP 1 left	12JAN07	35	01MAR07	138			0.00	73,233.60



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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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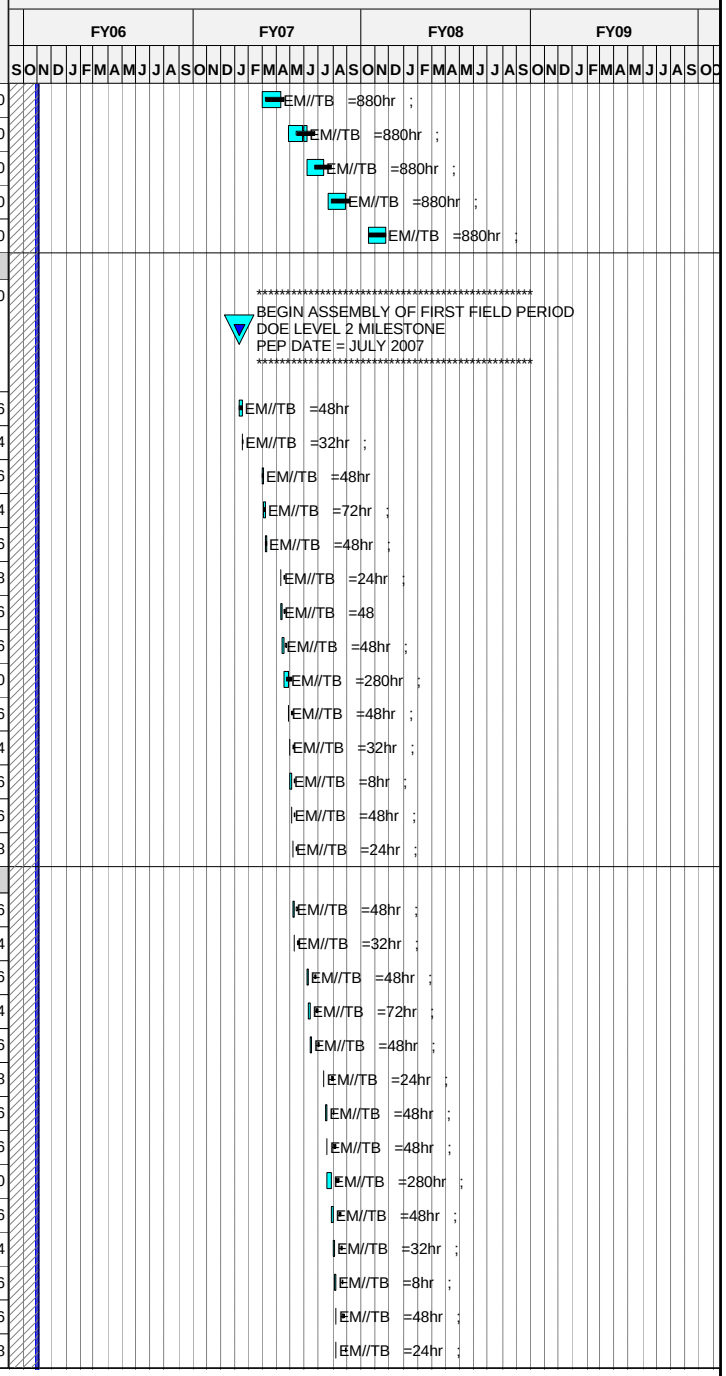
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
S2P1-200	Assemble Mod-Coils a2.b2,c2 FP 1 right	02MAR07	27	09APR07	138			0.00	73,233.60
S2P2-100	Assemble Mod-Coils a3.b3,c3 FP 2 left	27APR07	27	05JUN07	155			0.00	73,233.60
S2P2-200	Assemble Mod-Coils a4.b4,c4 FP 2 right	06JUN07	27	12JUL07	155			0.00	73,233.60
S2P3-100	Assemble Mod-Coils a5.b5,c5 FP 3 left	24JUL07	27	29AUG07	177			0.00	73,233.60
S2P3-200	Assemble Mod-Coils a6.b6,c6 FP 3 right	17OCT07	27	22NOV07	143			0.00	75,204.80
Stage 3 MC Instl (rotate MC over Vsl)-FP#1									
S3P1-000	Begin Assembly of First Field Period Assy	12JAN07	0		189			0.00	0.00
S3P1-101	VV to MC turning fixt base; metr check	12JAN07	2	15JAN07	189			0.00	3,994.56
S3P1-101.1	Attach local protective strips to VV&locate sens	16JAN07	2	17JAN07	189			0.00	2,663.04
S3P1-102	Mount MC on crane; perform metr checks	02MAR07	2	05MAR07	158			0.00	3,994.56
S3P1-103	Rotate right MC to stand-off position&chk	06MAR07	3	08MAR07	158			0.00	5,991.84
S3P1-104	Transfer load to sprt sys and recheck position	09MAR07	2	12MAR07	158			0.00	3,994.56
S3P1-105	Move MC turning fixt; mount MC on crane	10APR07	1	10APR07	138			0.00	1,997.28
S3P1-106	Rotate left MC to stand-off position and check p	11APR07	2	12APR07	138			0.00	3,994.56
S3P1-107	Move left & right MC to final position & measure	13APR07	2	16APR07	138			0.00	3,994.56
S3P1-108	Install shims (as reqd); ream 24 holes	17APR07	7	25APR07	138			0.00	23,301.60
S3P1-109	Bolt together at flange interface.	26APR07	2	27APR07	138			0.00	3,994.56
S3P1-110	Perform final metrology position check	30APR07	2	01MAY07	138			0.00	2,663.04
S3P1-110.1	Remove temp interference strips&sensors	02MAY07	1	02MAY07	138			0.00	665.76
S3P1-111	Secure VV to MC's using temporary supports.	03MAY07	2	04MAY07	138			0.00	3,994.56
S3P1-112	Prep& xfr completed assembly to Stage 4 area	07MAY07	1	07MAY07	138			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	08MAY07	2	09MAY07	191			0.00	3,994.56
S3P2-101.1	Attach local protective strips to VV&locate sens	10MAY07	2	11MAY07	191			0.00	2,663.04
S3P2-102	Mount MC on crane; perform metr checks	06JUN07	2	07JUN07	175			0.00	3,994.56
S3P2-103	Rotate right MC to stand-off position&chk	08JUN07	3	12JUN07	175			0.00	5,991.84
S3P2-104	Transfer load to supt sys and recheck position	13JUN07	2	14JUN07	175			0.00	3,994.56
S3P2-105	Move MC turning fixt; mount MC on crane	13JUL07	1	13JUL07	155			0.00	1,997.28
S3P2-106	Rotate left MC to stand-off position and check p	16JUL07	2	17JUL07	155			0.00	3,994.56
S3P2-107	Move left & right MC to final position & measure	18JUL07	2	19JUL07	155			0.00	3,994.56
S3P2-108	Install shims (as reqd); ream 24 holes	20JUL07	7	30JUL07	155			0.00	23,301.60
S3P2-109	Bolt together at flange interface.	31JUL07	2	01AUG07	155			0.00	3,994.56
S3P2-110	Perform final metrology position check	02AUG07	2	03AUG07	155			0.00	2,663.04
S3P2-110.1	Remove temp interference strips&sensors	06AUG07	1	06AUG07	155			0.00	665.76
S3P2-111	Secure VV to MC's using temporary supports.	07AUG07	2	08AUG07	155			0.00	3,994.56
S3P2-112	Prep& xfr completed assembly to Stage 4 area	09AUG07	1	09AUG07	155			0.00	1,997.28



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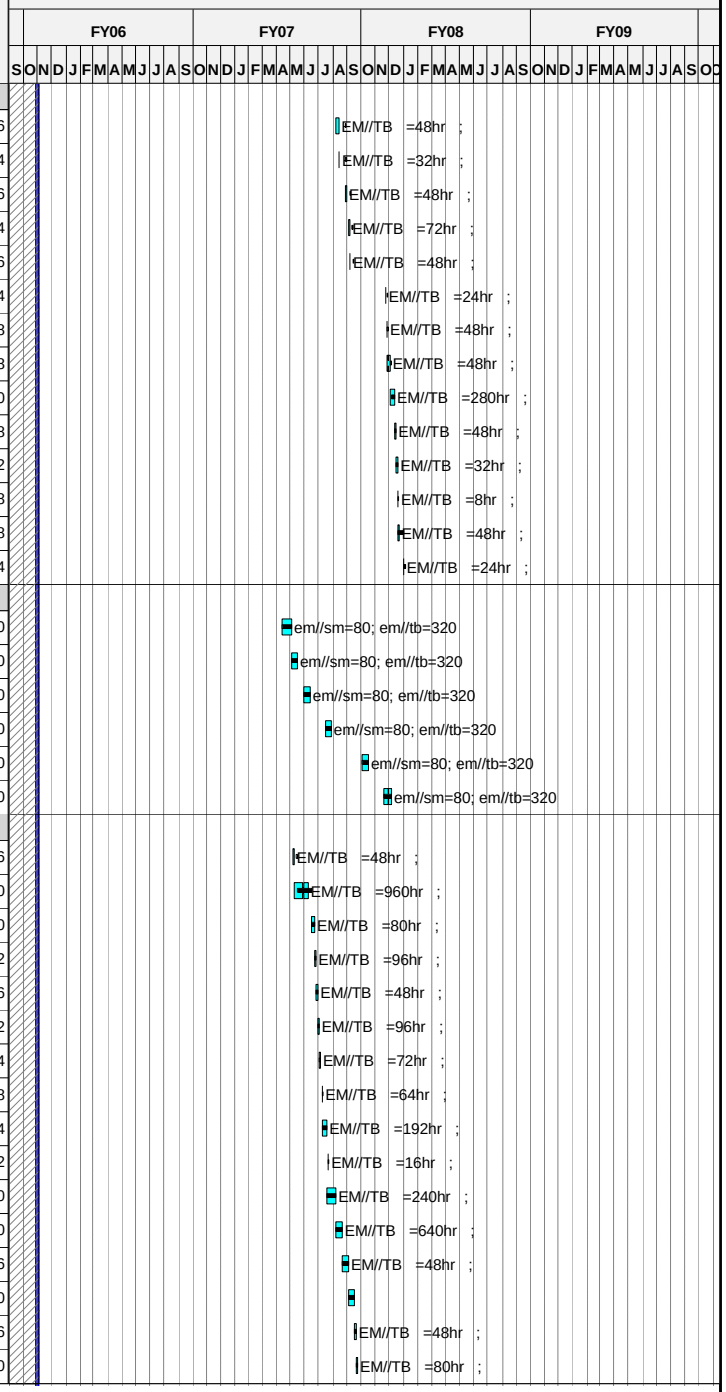
ECP-39 Status
xecp-39 baseline
Progress Bar
Critical Activity

0510

NCSX
OCTOBER 2005 STATUS against ECP-39 Baseline

Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
Stage 3 MC Instl (rotate MC over Vsl)-FP#3									
S3P3-101	Mount VV to MC turning fixt base; metr check	10AUG07	2	13AUG07	207			0.00	3,994.56
S3P3-101.1	Attach local protective strips to VV&locate sens	14AUG07	2	15AUG07	207			0.00	2,663.04
S3P3-102	Mount MC on crane; perform metr checks	30AUG07	2	31AUG07	197			0.00	3,994.56
S3P3-103	Rotate right MC to stand-off position&chk	03SEP07	3	05SEP07	197			0.00	5,991.84
S3P3-104	Transfer load to supt sysand recheck position	06SEP07	2	07SEP07	197			0.00	3,994.56
S3P3-105	Move MC turning fixt; mount MC on crane	23NOV07	1	23NOV07	143			0.00	2,051.04
S3P3-106	Rotate left MC to stand-off position and check p	26NOV07	2	27NOV07	143			0.00	4,102.08
S3P3-107	Move left & right MC to final position & measure	28NOV07	2	03DEC07	143			0.00	4,102.08
S3P3-108	Install shims (as reqd); ream 24 holes	04DEC07	7	12DEC07	143			0.00	23,928.80
S3P3-109	Bolt together at flange interface.	13DEC07	2	14DEC07	143			0.00	4,102.08
S3P3-110	Perform final metrology position check	17DEC07	2	18DEC07	143			0.00	2,734.72
S3P3-110.1	Remove temp interference strips&sensors	19DEC07	1	19DEC07	143			0.00	683.68
S3P3-111	Secure VV to MC's using temporary supports.	20DEC07	2	21DEC07	143			0.00	4,102.08
S3P3-112	Prep& xfr completed assembly to Stage 4 area	02JAN08	1	02JAN08	143			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	161			0.00	37,110.40
184-105	Assemble 3 TF coils&structure -Right -Period #1	04MAY07	10	17MAY07	161			0.00	37,110.40
184-110	Assemble 3 TF coils&structure -Left-Period #2	31MAY07	10	13JUN07	217			0.00	37,110.40
184-115	Assemble 3 TF coils&structure -Right -Period #2	17JUL07	10	30JUL07	195			0.00	37,110.40
184-120	Assemble 3 TF coils&structure -Left -Period #3	04OCT07	10	17OCT07	209			0.00	38,108.80
184-125	Assemble 3 TF coils&structure -Right -Period #3	20NOV07	10	05DEC07	186			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	08MAY07	2	09MAY07	138			0.00	3,994.56
S4P1-102	Position and weld all ports to VV	10MAY07	20	07JUN07	138			0.00	79,891.20
S4P1-103	Inspect Welds	15JUN07	5	21JUN07	133			0.00	6,657.60
S4P1-104	Assemble left TF Coil Assembly check position	22JUN07	3	26JUN07	133			0.00	7,989.12
S4P1-105	Change platforms	27JUN07	2	28JUN07	133			0.00	3,994.56
S4P1-106	Assemble right TF Coil Assembly chk position	29JUN07	3	03JUL07	133			0.00	7,989.12
S4P1-107	Attach TF coils to MC's	04JUL07	3	06JUL07	133			0.00	5,991.84
S4P1-108	Change platforms	09JUL07	2	10JUL07	134			0.00	5,326.08
S4P1-109	Position, weld two large horizontal diag ports	11JUL07	8	20JUL07	134			0.00	15,978.24
S4P1-110	Inspect Welds	23JUL07	1	23JUL07	134			0.00	1,331.52
S4P1-111	Assemble external trim coils to TF Coil	18JUL07	15	07AUG07	123			0.00	19,972.80
S4P1-112	Close up VV, leak check	08AUG07	10	21AUG07	123			0.00	53,260.80
S4P1-113	Adjust final support base interfaces	22AUG07	10	04SEP07	123			0.00	3,994.56
S4P1-113.5	Final metrology outside & inside	05SEP07	10	18SEP07	123			0.00	0.00
S4P1-114	Prepare Field Period for shipment	19SEP07	2	20SEP07	123			0.00	3,994.56
S4P1-115	Transfer completed assy to C-site test cell	21SEP07	2	24SEP07	123			0.00	6,657.60



Run Date 17NOV05 13:15

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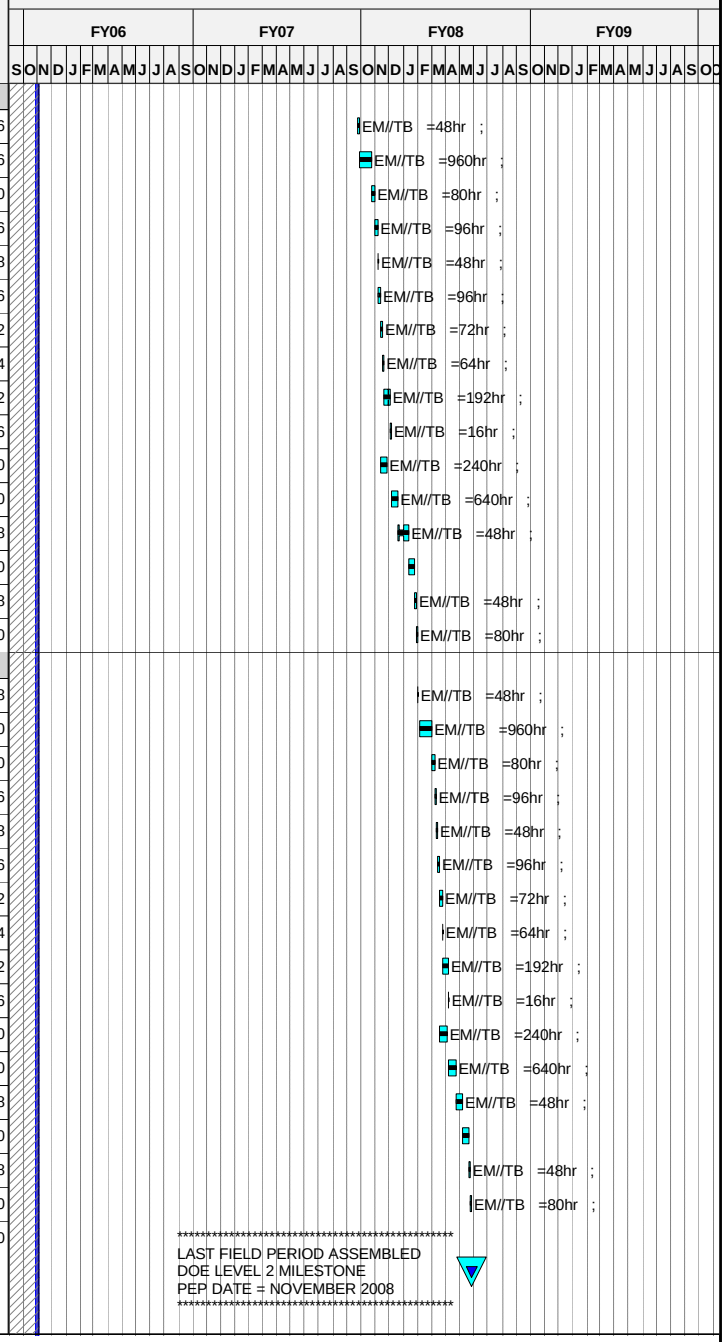
ECP-39 Status
xecp-39 baseline
Progress Bar
Critical Activity

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	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	25SEP07	2	26SEP07	123			0.00	3,994.56
S4P2-102	Position and weld all ports to VV	27SEP07	20	24OCT07	123			0.00	81,826.56
S4P2-103	Inspect Welds	25OCT07	5	31OCT07	123			0.00	6,836.80
S4P2-104	Assemble left TF Coil Assembly check position	01NOV07	3	05NOV07	123			0.00	8,204.16
S4P2-105	Change platforms	06NOV07	2	07NOV07	123			0.00	4,102.08
S4P2-106	Assemble right TF Coil Assembly chk position	08NOV07	3	12NOV07	123			0.00	8,204.16
S4P2-107	Attach TF coils to MC's	13NOV07	3	15NOV07	123			0.00	6,153.12
S4P2-108	Change platforms	16NOV07	2	19NOV07	123			0.00	5,469.44
S4P2-109	Position, weld two large horizontal diag ports	20NOV07	8	03DEC07	123			0.00	16,408.32
S4P2-110	Inspect Welds	04DEC07	1	04DEC07	123			0.00	1,367.36
S4P2-111	Assemble external trim coils to TF Coil	13NOV07	10	26NOV07	127			0.00	20,510.40
S4P2-112	Close up VV, leak check	05DEC07	10	18DEC07	123			0.00	54,694.40
S4P2-113	Adjust final support base interfaces	19DEC07	10	10JAN08	123			0.00	4,102.08
S4P2-113.5	Final metrology outside & inside	11JAN08	10	24JAN08	123			0.00	0.00
S4P2-114	Prepare Field Period for shipment	25JAN08	2	28JAN08	123			0.00	4,102.08
S4P2-115	Transfer completed assy to C-site test cell	29JAN08	2	30JAN08	123			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	31JAN08	2	01FEB08	123			0.00	4,102.08
S4P3-102	Position and weld all ports to VV*2 shift*	04FEB08	20	29FEB08	123			0.00	82,041.60
S4P3-103	Inspect Welds	03MAR08	5	07MAR08	123			0.00	6,836.80
S4P3-104	Assemble left TF Coil Assembly check position	10MAR08	3	12MAR08	123			0.00	8,204.16
S4P3-105	Change platforms	13MAR08	2	14MAR08	123			0.00	4,102.08
S4P3-106	Assemble right TF Coil Assembly chk position	17MAR08	3	19MAR08	123			0.00	8,204.16
S4P3-107	Attach TF coils to MC's	20MAR08	3	24MAR08	123			0.00	6,153.12
S4P3-108	Change platforms	25MAR08	2	26MAR08	123			0.00	5,469.44
S4P3-109	Position, weld two large horizontal diag ports	27MAR08	8	07APR08	123			0.00	16,408.32
S4P3-110	Inspect Welds	08APR08	1	08APR08	123			0.00	1,367.36
S4P3-111	Assemble external trim coils to TF Coil	20MAR08	10	02APR08	127			0.00	20,510.40
S4P3-112	Close up VV, leak check	09APR08	10	22APR08	123			0.00	54,694.40
S4P3-113	Adjust final support base interfaces	23APR08	10	06MAY08	123			0.00	4,102.08
S4P3-113.5	Final metrology outside & inside	07MAY08	10	20MAY08	123			0.00	0.00
S4P3-114	Prepare Field Period for shipment	21MAY08	2	22MAY08	123			0.00	4,102.08
S4P3-115	Transfer completed assy to C-site test cell	23MAY08	2	26MAY08	123			0.00	6,836.80
S4P3-115X	Last field period assembled		0	26MAY08	123			0.00	0.00



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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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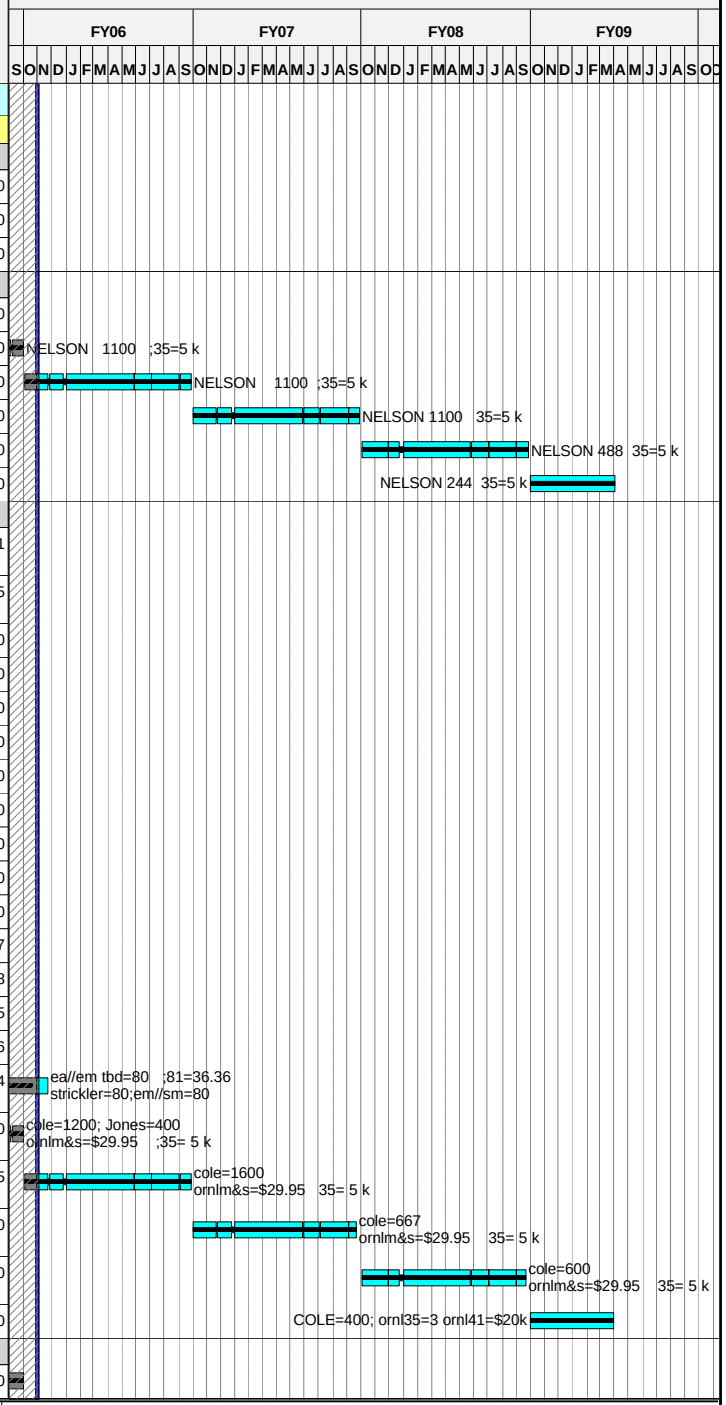
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
19 - Stellarator Core Management and Integration									
Job: 1901 - Stellarator Core Mngtt&Integr-NELSON									
Prior Costs									
1901-002	Apr-Sept MIE Costs ORNL	01APR03A	248	30SEP03A			100	187,090.00	187,090.00
1901-003	Apr-Sept MIE Costs PPPL	01APR03A	248	30SEP03A			100	67,070.00	67,070.00
1901-ECP16	ecp16	01OCT03A	250*	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			LOE	101,500.00	101,500.00
0191-5	LOE-FY05 WBS 191	01OCT04A	249*	30SEP05A			LOE	175,500.00	175,500.00
0191-6	LOE-FY06 WBS 191	03OCT05A	249*	29SEP06	514		LOE	16,613.02	197,774.00
0191-6X	LOE-FY07 WBS 191	03OCT06*	247	27SEP07	513		LOE	0.00	201,498.00
0191-7	LOE-FY08 WBS 191	03OCT07*	247	26SEP08	263		LOE	0.00	99,976.00
191-8	LOE-FY089 WBS 191	03OCT08*	130	02APR09	129		LOE	0.00	51,804.00
192 - Stellarator Core Integration & Analysis									
192-4	LOE-FY05 WBS 192-4 Design Integration Activities	01OCT03A	250*	30SEP04A			LOE	234,660.11	234,660.11
192-5	LOE-FY05 WBS 192-5 VV & Coil Services Integr	01OCT03A	250*	30SEP04A			LOE	36,676.65	36,676.65
192-6	LOE-FY05 WBS 192-6 Integrated Analysis	01OCT03A	271	30SEP04A			LOE	42,333.00	42,333.00
192-6.07	Time constant calcs using SPARK	01APR04A	42*	28MAY04A			100	6,180.00	6,180.00
192-6.08	Indep check time constant calcs using EDDYCUFF	01MAY04A	138*	30SEP04A			100	10,295.20	10,295.20
192-6.09	Revised VV geometry	02FEB04A	6	27FEB04A			100	3,090.00	3,090.00
192-6.10	MC interf during assly, geometry, assly trajecto	02FEB04A	31	27FEB04A			100	32,957.60	32,957.60
192-6.11	Range of motion reqts for Assly MC fixture.	02FEB04A	20	27FEB04A			100	17,507.60	17,507.60
192-6.12	Final Check & Verification	01MAY04A	6	28MAY04A			100	3,708.00	3,708.00
192-6.2	Final Mod Coil Trajectories		0	27FEB04A				0.00	0.00
192-6.5	Structural Design criteria		0	28MAY04A			100	0.00	0.00
192-6.01	Document coil tolerance and trim coil requiremen	01MAR04A	357*	29JUL05A			100	19,284.37	19,284.37
192-6.02	Check critical coil tolerance calculations.	01APR04A	207*	31JAN05A			100	11,098.48	11,098.48
192-6.03	Method for determining current center	01FEB04A	234*	30DEC04A			100	86,626.35	86,626.35
192-6.06	Coil positions to minimize islands.	02FEB04A	270	28FEB05A			100	66,401.76	66,401.76
192-6.031	Demo Method for current center on TRC	18JUN05A	110*	21NOV05	979		90	64,420.05	71,577.84
0192-5	LOE-FY05 WBS 192	01OCT04A	249*	30SEP05A			LOE	280,350.00	280,350.00
0192-6	LOE-FY06 WBS 192	03OCT05A	249*	29SEP06	519		LOE	26,248.45	312,481.45
0192-6X	LOE-FY07 WBS 192	03OCT06*	242	20SEP07	518		LOE	0.00	158,033.60
0192-7	LOE-FY08 WBS 192	03OCT07*	242	19SEP08	268		LOE	0.00	151,531.40
0192-99	LOE-FY09	01OCT08*	130	31MAR09	131		LOE	0.00	101,860.00
FY05CV-31	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				9,000.00	9,000.00



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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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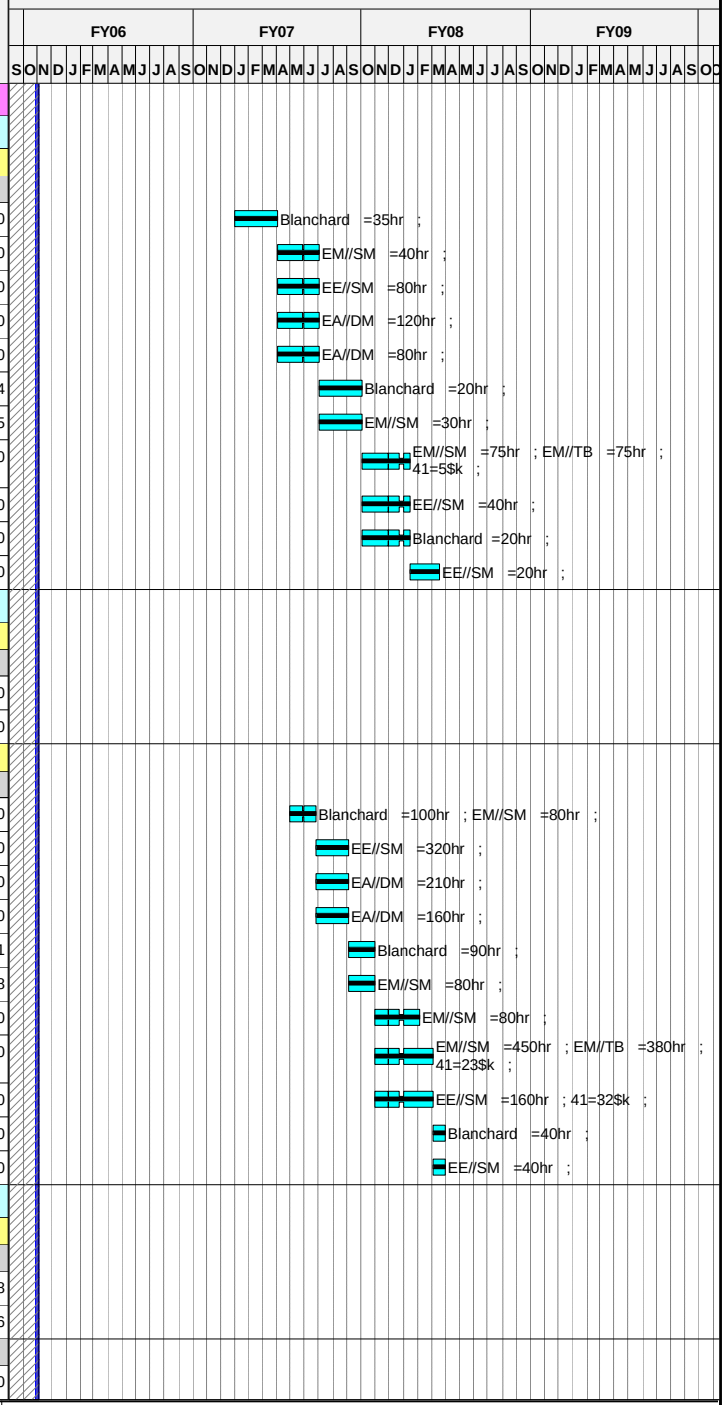
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
2 - Plasma Heating, Fueling & Vac Systems									
21 - Fueling Systems									
Job: 2101 - Fueling Systems									
ECP 16 October 2004									
21-10	Eng. Work Planning and Design	02JAN07*	65	02APR07	227			0.00	6,205.50
21-15	Design Gas Handling Hardware	03APR07	65	03JUL07	227			0.00	5,240.00
21-20	Design PLC Controls	03APR07	65	03JUL07	292			0.00	10,353.60
21-25	Electrical Drafting for pumping system	03APR07	65	03JUL07	292			0.00	14,203.20
21-30	Drafting	03APR07	65	03JUL07	292			0.00	9,468.80
21-35	Eng. Work Planning and Design during fab	04JUL07	65	02OCT07	292			0.00	3,548.94
21-40	Fabrication/Install Hardware	04JUL07	65	02OCT07	227			0.00	3,933.25
21-45	Fabrication/installation	03OCT07	65	14JAN08	227			0.00	23,523.50
21-55	Install PLC Controls	03OCT07	65	14JAN08	227			0.00	5,316.40
21-60	Integrated Systems Testing/Eng	03OCT07	65	14JAN08	227			0.00	3,641.60
21-65	Integrated Systems Testing/Tech Support	15JAN08	45	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			100	38,000.00	38,000.00
2001-100	PDR Support	01JUN03A	164*	30SEP03A			LOE	25,667.20	25,667.20
Job: 2201 - Vacuum Pumping Systems									
22-25	Eng. Work Planning and Design	01MAY07*	40	26JUN07	230			0.00	28,210.00
22-30	Design PLC based control system	27JUN07	50	04SEP07	270			0.00	41,414.40
22-35	Electrical Drafting for pumping system	27JUN07	50	04SEP07	290			0.00	24,855.60
22-40	Drafting	27JUN07	50	04SEP07	230			0.00	18,937.60
22-45	Eng. Work Planning and Design during fab	05SEP07	40	30OCT07	250			0.00	16,193.61
22-50	Perform maint. & repair of pmpg sys	05SEP07	40	30OCT07	230			0.00	10,634.88
22-55	Repair and Calibration of vac instrumentation	31OCT07	60	04FEB08	250			0.00	10,761.60
22-60	Fabrication/installation	31OCT07	80	03MAR08	230			0.00	125,323.80
22-65	Fab PLC conrols	31OCT07	80	03MAR08	230			0.00	66,225.60
22-70	Integrated Systems Testing/Eng	04MAR08	20	31MAR08	230			0.00	7,283.20
22-75	Integrated Systems Testing/Tech Support	04MAR08	20	31MAR08	230			0.00	5,316.40
25 - Neutral Beam Injection System									
Job: 2501 - Neutral Beam Refurbishment-STEVENSON									
FY04 Work Plan									
2501-014	FY04 work accomplished	03NOV03A	227	30JUN04A				81,334.78	81,334.78
2501-014.1	FY04 work closeout *TBD*	01JUL04A	64*	30SEP04A			LOE	48,614.06	48,614.06
Prior Costs									
2501-001	Apr-Sept MIE Cost	01APR03A	43*	30SEP03A			100	123,000.00	123,000.00



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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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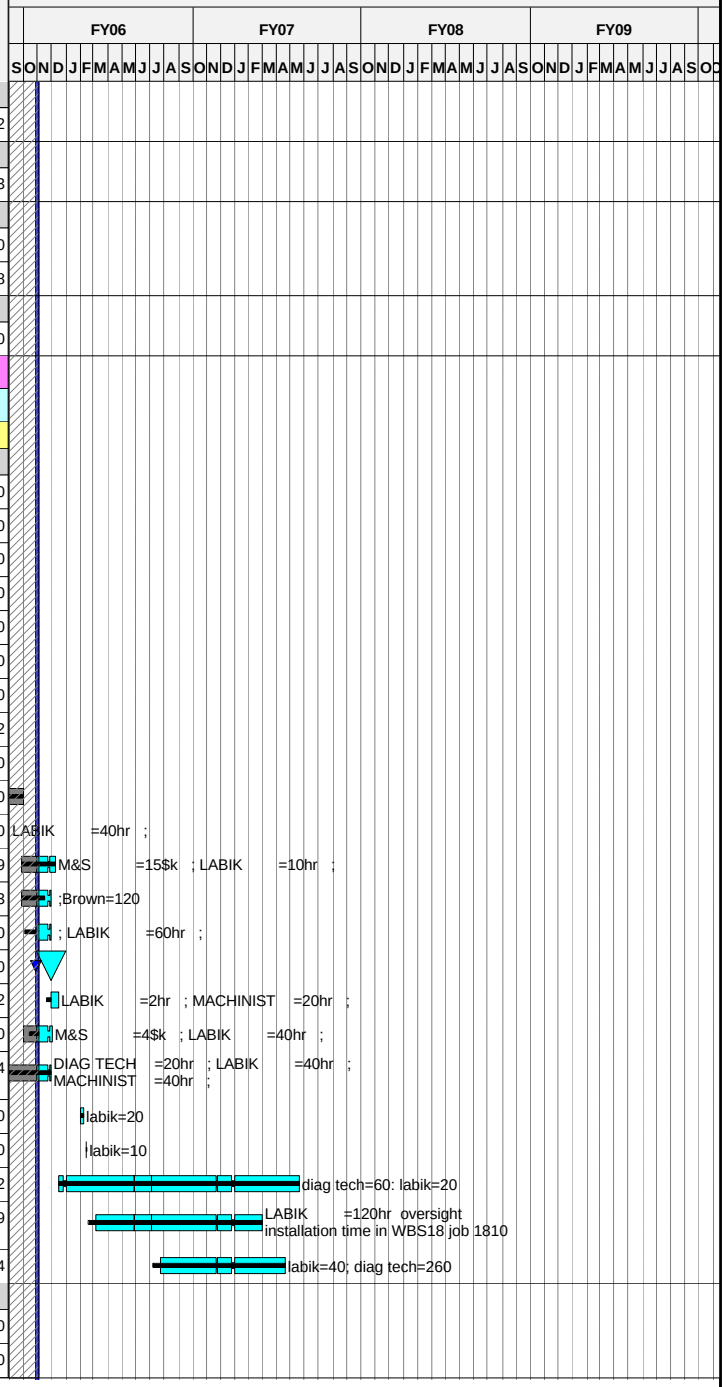
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
RefurbishmentCD-3 deleted scope**									
25-099	FY04 work accomplished	01MAR04A	846*	30JUN04A				21,384.62	21,384.62
Re-Install BeamlineCD-3 deleted scope**									
25-190.1	33) Fabr BL alignment measur fixture,	01JUN04A	699*	30JUN04A				2,060.33	2,060.33
Re-Install CablesCD-3 deleted scope**									
25-225.1	Cabling-Design & WP Procedures	01APR04A	872*	30JUN04A				4,812.60	4,812.60
25-230.1	Cabling-Fabr and Install new Junction Box	02JUN04A	190	30JUN04A				727.68	727.68
Beamline ConnectionsCD-3 deleted scope**									
25-310.1	Drafting Labor Support	01JUN04A	298	30JUN04A				2,433.60	2,433.60
3 - Diagnostics									
31 - Magnetic Diagnostics									
Job: 3101 Magnetic Diagnostics									
Vacuum Vessel Saddle Loops									
3101-105	DEVELOP LOCATING, MOUNTING STRATEGY	01JAN05A	20	31JAN05A			100	1,000.00	1,000.00
3101-109	INTEGRATE LOOP AND LEAD DESIGN WITH H/C	01JAN05A	40	28FEB05A			100	6,416.80	6,416.80
3101-113	INTEGRATE LAYOUT, MEAS NEEDS W/ VSL	01JAN05A	40	28FEB05A			100	3,208.40	3,208.40
3101-117	DEVELOP CONSTRAINTS FOR ARRAY LAYOUT	01JAN05A	20	31JAN05A			100	0.00	0.00
3101-121	LAYOUT CANDIDATE SENSOR ARRAY ON PRO-E	01FEB05A	20	28FEB05A			100	0.00	0.00
3101-125	PDR PREP -VESSEL SADDLE LOOP MOUNTING	02MAY05A	5	31MAY05A			100	9,483.60	9,483.60
3101-126	PEER REVIEW -VESSEL SADDLE LOOP		0	31MAY05A			100	0.00	0.00
3101-129	DESIGN AND PROTOTYPE SADDLE LOOP	01MAR05A	107*	29JUL05A			100	7,643.52	7,643.52
3101-133	Prototype loops on vsl proto segment using ARI	01MAR05A	107*	29JUL05A			100	6,189.20	6,189.20
3101-137	FINAL OPTIMIZATION OF LOOP LOCATION, AREA	01JAN05A	193*	30SEP05A			100	0.00	0.00
3101-149	PREPARE METROLOGY	01JUN05A	87*	31AUG05A			100	6,416.80	6,416.80
3101-145	Procure MI Cable	26SEP05A	53*	09DEC05	146		50	11,080.20	22,160.39
3101-139	Develop ProE model of loops, flat dev, fiducials	26SEP05A	45*	29NOV05	975		30	6,230.92	20,769.73
3101-141	FDR PREP- VESSEL SADDLE LOOPS	01NOV05*	19*	29NOV05	336			0.00	10,410.60
3101-142	FDR - VESSEL SADDLE LOOPS		0	29NOV05	336			0.00	0.00
3101-153	Fab Installation Templates	30NOV05*	12*	15DEC05	352			0.00	2,911.02
3101-146	Procure remaining materials	01OCT05A	42*	01DEC05	416		20	2,484.88	12,424.40
3101-157	Design & fab tooling and clamps	01JUN05A	128*	30NOV05	363		60	7,570.22	12,617.04
3101-167	Design voltage loop connections	02FEB06*	5	08FEB06	416			0.00	3,470.20
3101-169	Voltage loop connection peer review	15FEB06*	1	15FEB06	412			0.00	1,735.10
3101-165	Identify lead wires at multiple locations	15DEC05*	357*	21MAY07	607			0.00	8,437.42
3101-161	SUPT LOOP INSTL 200 LOOPS), TESTING	06MAR06	247*	27FEB07	286			0.00	21,003.49
3101-225	Terminate saddle loops	24JUL06	186*	19APR07	286			0.00	28,564.04
Modular Coil C-wound Loops									
3101-205	MOUNTING/LOCATING STRATEGY MC	01JAN05A	20	31JAN05A			100	3,208.40	3,208.40
3101-209	PROTOTYPE ON TWISTED RACETRACK	01MAR05A	20	31MAR05A			100	4,741.80	4,741.80



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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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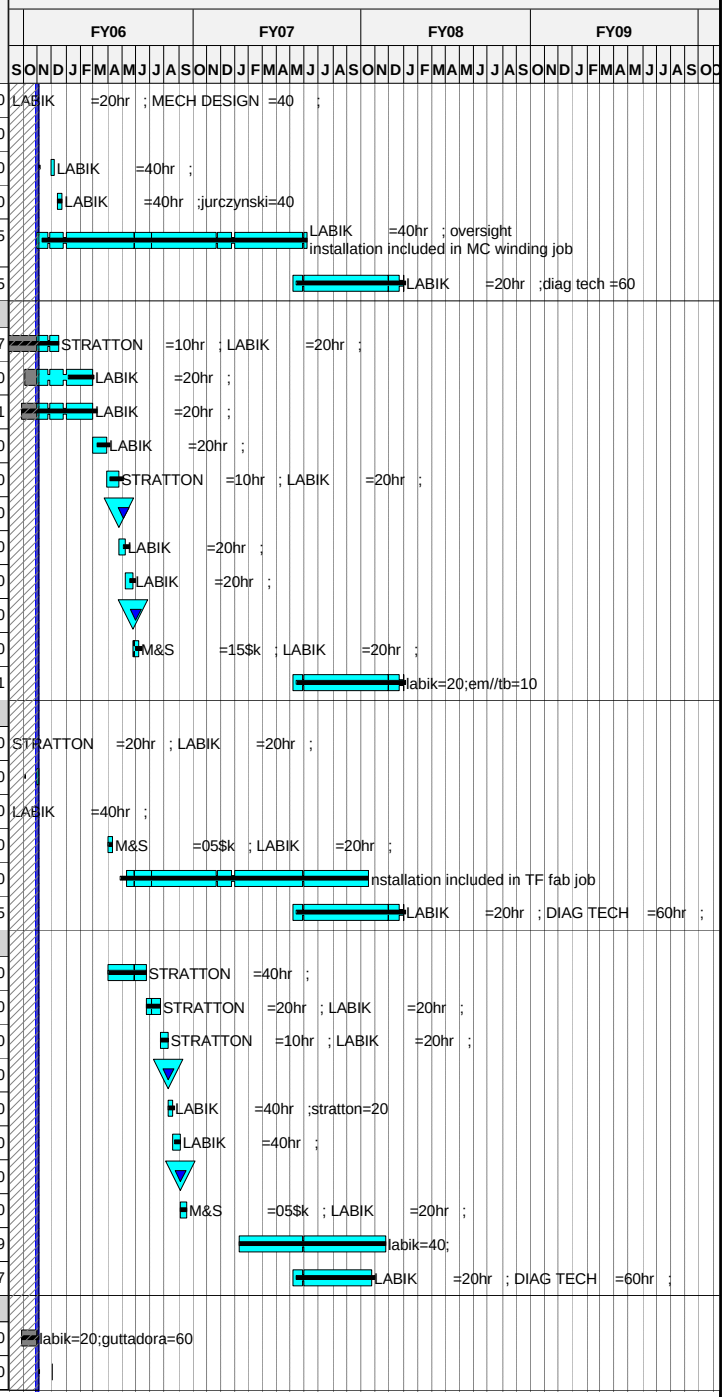
3101-213	DESIGN TERMINATION	01MAR05A	130*	31AUG05A			100	7,302.40	7,302.40
3101-221	PROCURE MATERIALS	25JUL05A	0*	29JUL05A			100	6,410.90	6,410.90
3101-217	Peer review of lead routing	01DEC05*	5*	07DEC05	148			0.00	6,940.40
3101-230	Install heat shrink tubing on MI cable	12DEC05*	10	23DEC05	146			0.00	12,068.40
3101-229	SUPPORT NSTALLATION, TERMINATION, TESTING	01NOV05	397*	05JUN07	146			0.00	7,004.55
3101-231	Terminate MC co-wound loops	07MAY07	163*	02JAN08	143			0.00	11,517.05
Rogowski Coils									
3101-301	LAYOUT LOCATION ROWGOSKI COIL &EST COIL	01JUN05A	139*	15DEC05	410		80	3,908.45	4,885.57
3101-305	work on coil design with vendor	03OCT05A	99*	28FEB06	916		20	694.04	3,470.20
3101-309	DESIGN COIL MOUNTING TECHNIQUE	26SEP05A	104*	28FEB06	343		80	2,766.09	3,457.61
3101-313	DESIGN LEAD ROUTING AND TERMINATION	01MAR06*	20	28MAR06	343			0.00	3,470.20
3101-317	PDR PREP- ROWGOWSKI COIL	29MAR06*	20	25APR06	343			0.00	5,126.10
3101-318	PDR - ROWGOWSKI COIL		0	25APR06*	343			0.00	0.00
3101-321	Specify Rogowski Coils	26APR06*	10	09MAY06	343			0.00	3,470.20
3101-325	FDR PREP ROWGOSKI COIL	10MAY06*	10	23MAY06	343			0.00	3,470.20
3101-326	FDR - ROWGOSKI COIL		0	23MAY06	343			0.00	0.00
3101-329	FAB ROWGOWSKI COILS (2)	24MAY06	10	07JUN06	343			0.00	24,035.20
3101-337	INSTALL COILS AND TERMINATIONS	07MAY07	163*	02JAN08	143			0.00	4,420.91
TF Co-wound Loops									
3101-401	MOUNTING/LOCATING TECHNIQUE TF	25JUL05A	28*	31AUG05A			100	6,275.20	6,275.20
3101-405	DESIGN TERMINATION N/R	01NOV05	1	01NOV05	993			0.00	0.00
3101-409	FINALIZE LOOP LOCATION/MOUNTING	01AUG05A	20	31AUG05A			100	6,416.80	6,416.80
3101-417	PROCURE MATERIALS	03APR06*	8	12APR06	282			0.00	10,325.20
3101-425	INSTALL TF CO-WOUND LOOPS	12MAY06	361*	15OCT07	187			0.00	0.00
3101-429	INSTALL TERMINATIONS	07MAY07	163*	02JAN08	143			0.00	8,622.45
Modular Coil Shell Saddle Loops									
3101-501	DETERMINE NUMEBR AND LOCATION OF LOOPS	03APR06*	59	23JUN06	774			0.00	6,623.60
3101-505	MOUNTING/LOCATING TECHN MC SHELL SADDLE	26JUN06	20	24JUL06	774			0.00	6,782.00
3101-513	PDR PREP -MC SHELL SADDLE LOOPS	25JUL06*	11	08AUG06	774			0.00	5,126.10
3101-514	PDR-MC SHELL SADDLE LOOPS		0	08AUG06	774			0.00	0.00
3101-521	FINALIZE LOOP LOCATION/MOUNTING	09AUG06*	8	18AUG06	774			0.00	10,252.20
3101-525	FDR PREP - MC SHELL SADDLE LOOPS	21AUG06	11	04SEP06	774			0.00	6,940.40
3101-526	FDR - MC SHELL SADDLE LOOPS		0	04SEP06	774			0.00	0.00
3101-529	PROCURE MATERIALS	05SEP06	10	18SEP06	774			0.00	10,325.20
3101-533	INSTALL MC SHELL SADDLE LOOPS	12JAN07	224*	22NOV07	143			0.00	7,125.29
3101-537	INSTALL TERMINATIONS	07MAY07	120	22OCT07	186			0.00	8,569.87
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	02DEC05*	1	02DEC05	416			0.00	0.00



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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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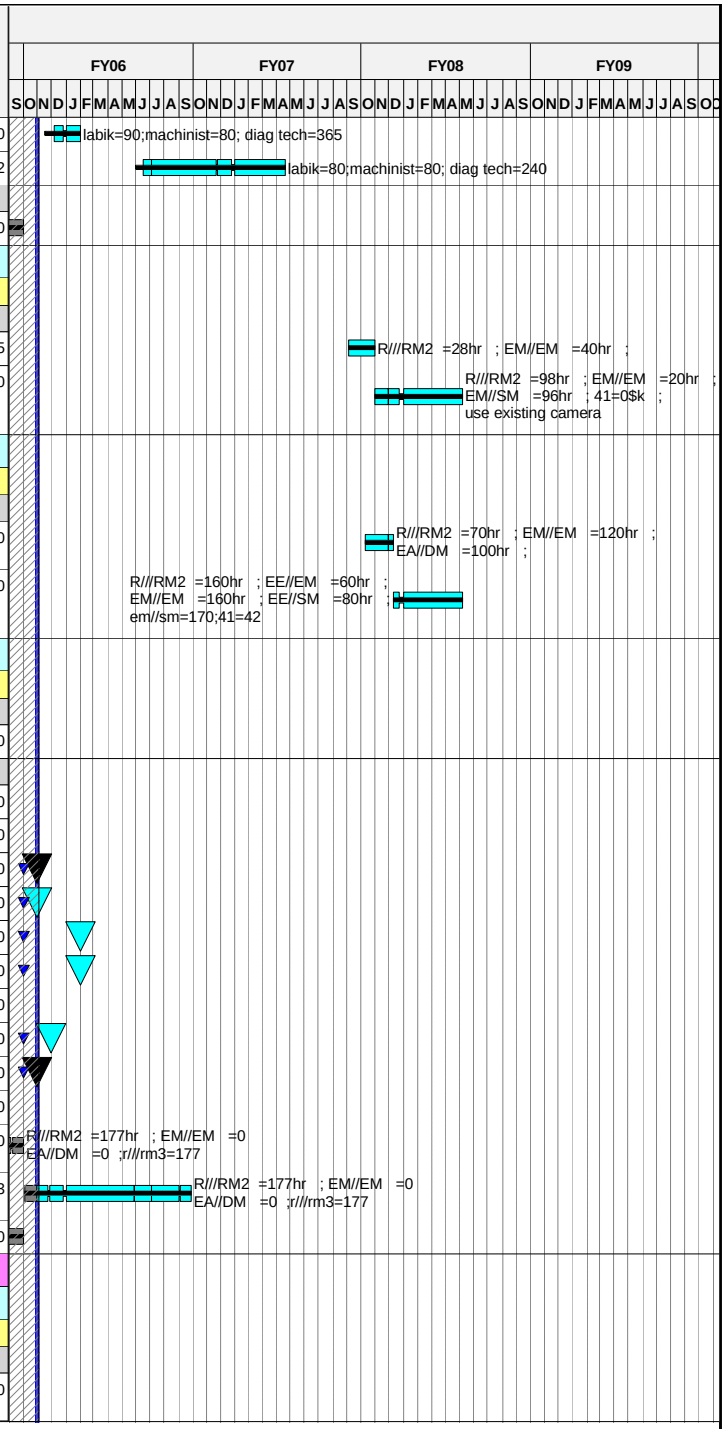
3101-517	Fab termination boxes (24)	05DEC05*	37*	01FEB06	416			0.00	55,597.50
3101-517A	Install termination boxes	19JUN06	210*	19APR07	286			0.00	33,899.42
FY05CV-32	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				30,000.00	30,000.00
36 - Edge and Divertor Diagnostics									
Job: 3601 - Edge and Divertor Diagnostics									
361-001	Design Visible Camera sys	04SEP07	40	29OCT07	186			0.00	11,997.15
361-015	Fab/Assy/Installation Visible Camera	30OCT07*	130	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	186			0.00	46,167.80
380-015	Fab & Install Beam probe	11DEC07*	102	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			100	155,450.00	155,450.00
390-100	Finalize VV ports (number,size,locations)		0	30JUN04A			100	0.00	0.00
390-110	Resolve port interferences.Final port config		0	30JUN04A			100	0.00	0.00
390-120	Update port map&revise diag port assignments		0	31OCT05A			100	0.00	0.00
390-130	Rvw status of existing ICD's w/VV & Mod Coils		0	31OCT05*	989		100	0.00	0.00
390-140	Write ICD's-Define external space for diagnostic		0	30JAN06*	932		50	0.00	0.00
390-150	Write ICD's-Define space f/racks in cntrl rm		0	30JAN06*	932		50	0.00	0.00
390-160	Start recruiting diag team at HTPD conference		0	30JUN04A			100	0.00	0.00
390-170	Develop space envelopes for SXR		0	30NOV05*	969		95	0.00	0.00
390-180	Hold CDR's co-wound mag sensors&ext saddle loops		0	31OCT05A			100	0.00	0.00
390-010	LOE Support FY04	01OCT03A	250*	30SEP04A			LOE	65,000.00	65,000.00
390-015	LOE Support FY05 **reduced scope	01OCT04A	249*	30SEP05A			LOE	66,357.30	66,357.30
390-020	LOE Support FY06	03OCT05A	249*	29SEP06	761			5,923.26	70,515.03
FY05CV-33	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-12,000.00	-12,000.00
4 - Electrical Power Systems									
41 - AC Power									
Job: 4101 - AC Power-RAMAKRISHNAN									
411 - Auxiliary AC Power Systems									
4101-100	Prepare Preliminary One line diagram	01MAR04A	173*	30SEP04A			100	8,442.00	8,442.00



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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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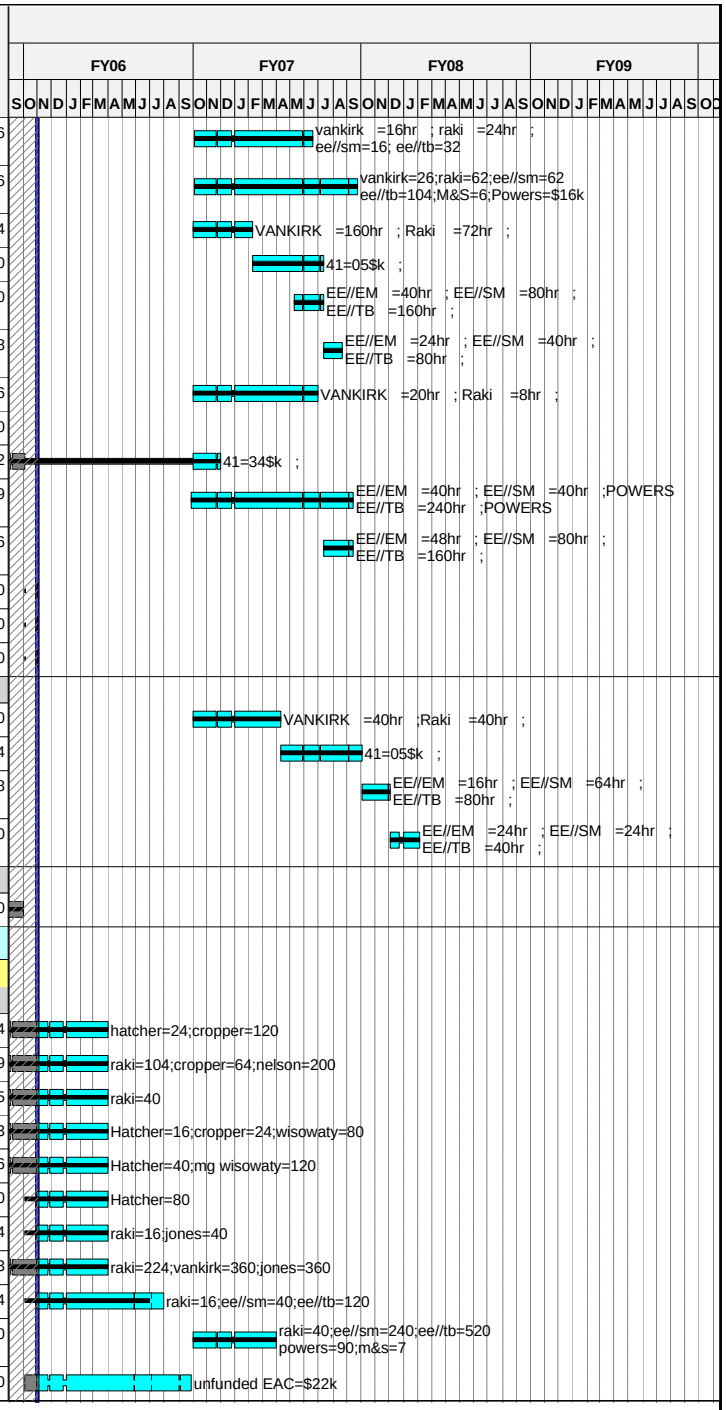
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
4101-100.1	Prepare Preliminary One line diagram	06OCT06*	173	18JUN07	584			0.00	1,076.96
411-1-100	Ex-Test cell AC pwr-Reactivate& new instl	06OCT06*	241	24SEP07	516			0.00	60,631.46
411-2-2	Grounding-Dsn	02OCT06*	86	08FEB07	364			0.00	31,305.04
411-2-4	Grounding-Procure	09FEB07*	107	11JUL07	364			0.00	6,855.00
411-2-6	Grounding-Install	10MAY07*	43	11JUL07	364			0.00	64,912.20
411-2-8	Grounding-Commission	12JUL07*	29	21AUG07	364			0.00	16,005.68
411-3-2	Test Cell AC Power Distr-Dsn	02OCT06*	186	29JUN07	400			0.00	3,741.36
411-3-2.04	Test Cell AC Power fy04	01APR04A	186*	30SEP04A			100	73,000.00	73,000.00
411-3-4	Test Cell AC Power Distr-Procure(pnls & xfrmrs)	01JUL05A	107*	30NOV06	544		20	8,956.74	44,783.72
411-3-6	Test Cell AC Power Distr-Install	28SEP06*	358	14SEP07	347		50	15,101.51	30,202.99
411-3-8	Test Cell AC Power Distr-Commission	13JUL07*	45	14SEP07	347			0.00	32,011.36
411-4-2	Standby Power for Cryo Sys -Dsn	01NOV05	0	31OCT05	989			0.00	0.00
411-4-4	Standby Power for Cryo Sys -Procure	01NOV05	0	31OCT05	989			0.00	0.00
411-4-6	Standby Power for Cryo Sys -Install	01NOV05	0	31OCT05	989			0.00	0.00
412 - Experimental AC Power Systems									
412-1-2	D-site Pulsed AC Power Distr-Dsn	02OCT06*	128	09APR07	236			0.00	11,605.20
412-1-4	D-site Pulsed AC Power Distr-Procure	10APR07	125	04OCT07	236			0.00	6,860.44
412-1-6	D-site Pulsed AC Power Distr-Install	05OCT07	40	03DEC07	236			0.00	18,215.68
412-1-8	D-site Pulsed AC Power Distr-Commission	04DEC07	40	05FEB08	236			0.00	10,866.80
FY05CV-34	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				2,000.00	2,000.00
43 - DC Systems									
Job: 4301 - DC Systems-RAMAKRISHNAN									
431 - C-Site DC Systems									
431-200	Condition/spare parts inventory	01OCT04A	371*	31MAR06	888		95	16,852.08	17,739.04
431-210	Organize & verify documentation	01OCT04A	371*	31MAR06	888		95	43,123.43	45,393.09
431-215	Document status	01OCT04A	371*	31MAR06	888		90	5,753.57	6,392.85
431-225	Reactivate DF & PEI units	01JUL05A	186*	31MAR06	888		15	1,787.30	11,915.33
431-230	Load test	01JUL05A	186*	31MAR06	888		15	2,420.12	16,134.16
431-240	Simulate each of 6 pwr loops in PSCAD	01NOV05*	101*	31MAR06	888			0.00	13,447.20
431-250	c-site dc sys DGS dsn documentation	01NOV05*	101*	31MAR06	888			0.00	7,322.64
431-260	Power loop design	01NOV04A	350*	31MAR06	888		90	101,636.59	112,929.53
431-265	Fabricate bus components	01NOV05*	185	31JUL06	804			0.00	17,600.64
431-275	Power cabling & Installation	02OCT06*	121	29MAR07	492			0.00	214,510.20
431-276	Maint of C-site rectifiers	03OCT05A	249*	29SEP06	761		10	0.00	0.00



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

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NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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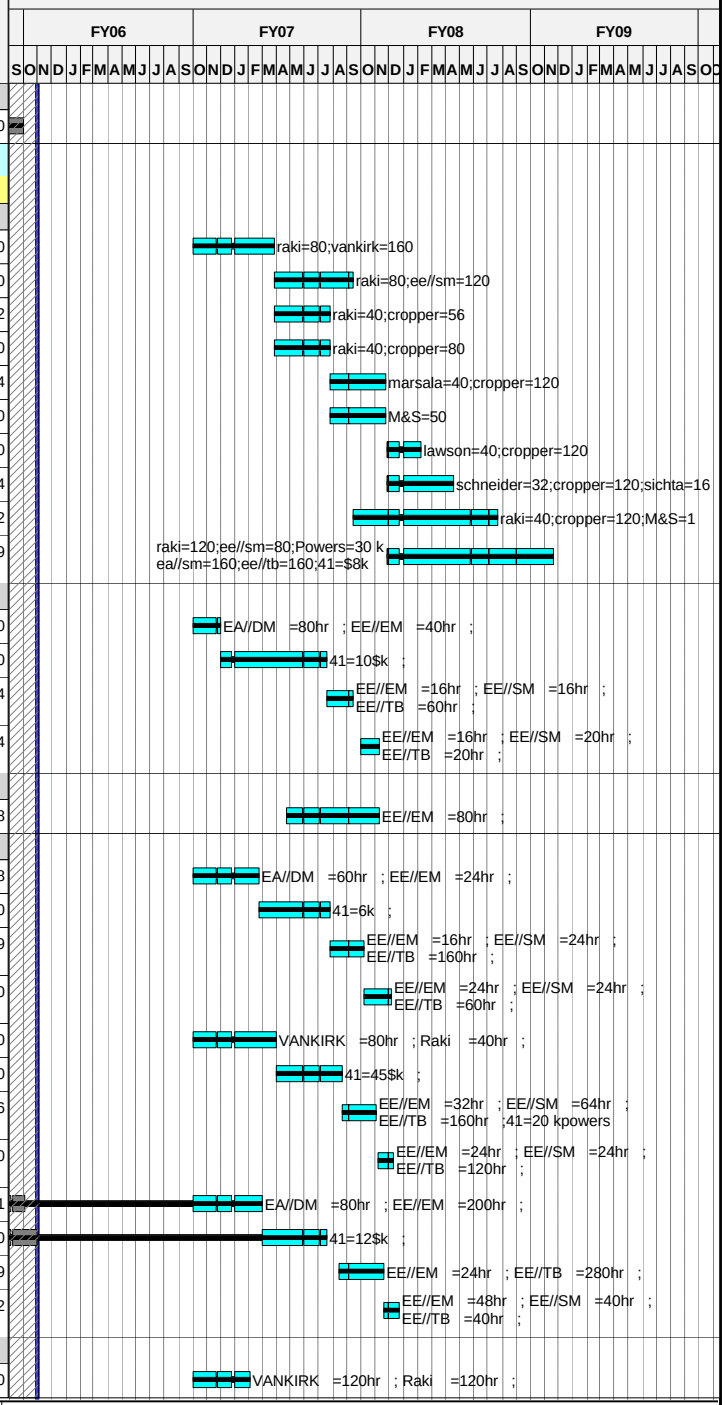
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
FY05CV-35	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				69,000.00	69,000.00
44 - Control and protection Systems									
Job: 4401 - Control & Protection-RAMAKRISHNAN									
441 - Electrical Interlocks									
441-095	Design Interlock sys	03OCT06*	118	27MAR07	224			0.00	32,679.20
441-097	Install Interlock sys	28MAR07	119	13SEP07	309			0.00	29,272.00
441-100	PLC Specification	28MAR07	85	26JUL07	224			0.00	14,118.32
441-105	Prep Block diagrams	28MAR07	85	26JUL07	224			0.00	17,224.40
441-110	PLC CWD's & Cabling	27JUL07*	85	23NOV07	224			0.00	22,685.24
441-115	deliver PLC	27JUL07*	85	23NOV07	472			0.00	70,250.00
441-120	Program PLC Logic	26NOV07	45	06FEB08	427			0.00	23,004.80
441-125	Program Control pages	26NOV07	97	18APR08	375			0.00	24,097.84
441-130	Pre-commissioning tests	14SEP07	214	23JUL08	309			0.00	24,377.02
441-135	Install I/O Cabling	26NOV07	248	20NOV08	224			0.00	119,268.19
442 - Kirk Key Interlocks									
442-1-2	Kirk Keys-Dsn	02OCT06*	41	29NOV06	290			0.00	16,339.60
442-1-4	Kirk Keys-Procure	30NOV06	158	19JUL07	290			0.00	13,710.00
442-1-6	Kirk Keys-Install	20JUL07	40	14SEP07	290			0.00	44,123.84
442-1-8	Kirk Keys-Commission	01OCT07	30	09NOV07	290			0.00	7,202.24
443 - Real Time Control Systems									
443-1-2	Develop Control Algorithms-Dsn	23APR07*	142	09NOV07	274			0.00	13,819.68
444 - Instrument Systems									
444-2-2	DC Potential Transducers (DCPTs)-Dsn	02OCT06*	95	21FEB07	466			0.00	11,224.08
444-2-4	DC Potential Transducers (DCPTs)-Procure	22FEB07	109	26JUL07	466			0.00	8,226.00
444-2-6	DC Potential Transducers (DCPTs)-Install	27JUL07	51	08OCT07	466			0.00	19,328.29
444-2-8	DC Potential Transducers (DCPTs)-Commission	09OCT07	40	05DEC07	466			0.00	12,588.60
444-3-2	DC Shunts-Dsn	02OCT06*	122	30MAR07	463			0.00	16,339.60
444-3-4	DC Shunts-Procure	02APR07	101	22AUG07	463			0.00	61,695.00
444-3-6	DC Shunts-Install	23AUG07	51	02NOV07	463			0.00	55,304.86
444-3-8	DC Shunts-Commission	05NOV07	24	10DEC07	463			0.00	17,754.00
444-4-2	Signal Conditioning & Cabling-Dsn	01JUL05A	165*	28FEB07	454		8	3,366.33	42,079.11
444-4-4	Signal Conditioning & Cabling-Procure	01JUL05A	511*	18JUL07	454		8	1,285.94	16,074.30
444-4-6	Signal Conditioning & Cabling-Install	15AUG07	68	19NOV07	454			0.00	27,988.59
444-4-8	Signal Conditioning & Cabling-Commission	20NOV07	22	21DEC07	454			0.00	17,226.72
445 - Coil Protection Systems									
445-1-2	Ground Fault Protection-Dsn	02OCT06*	82	02FEB07	407			0.00	34,815.60



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

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OCTOBER 2005 STATUS against ECP-39 Baseline

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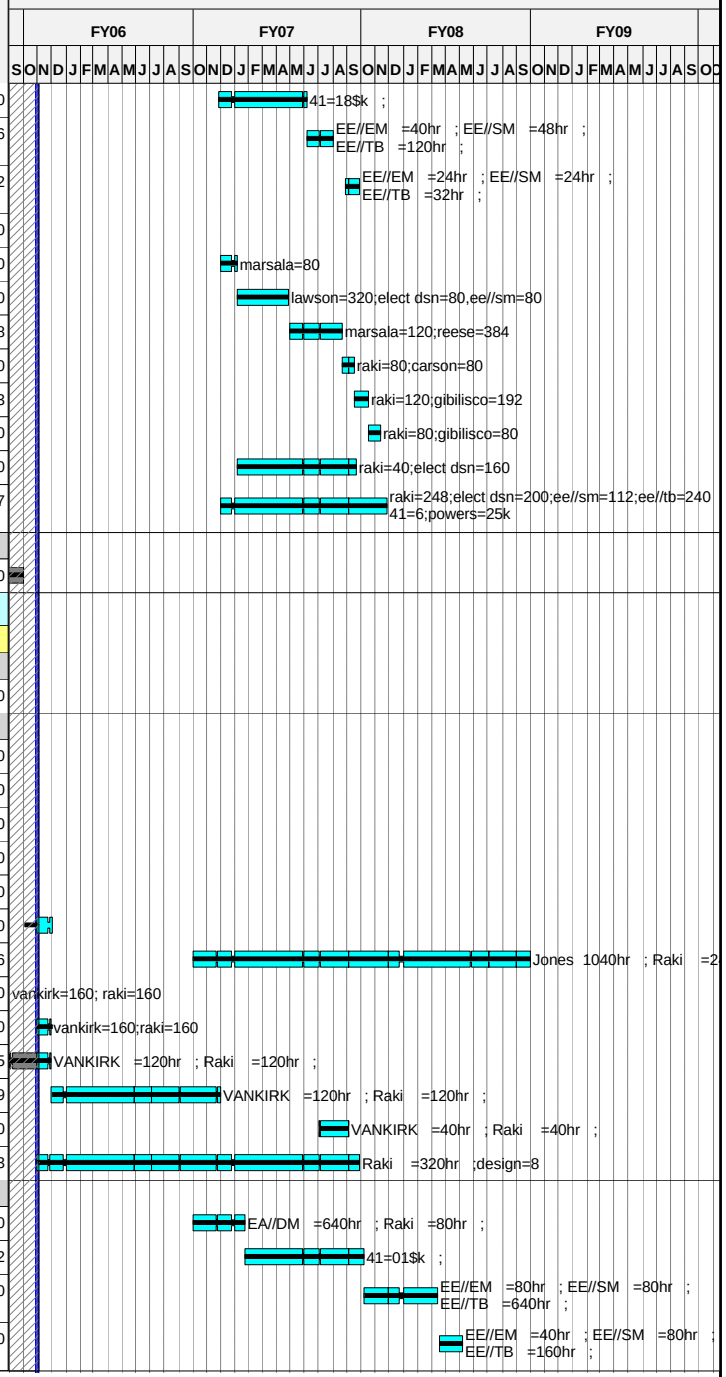
445-1-4	Ground Fault Protection-Procure	27NOV06*	130	05JUN07	321			0.00	24,678.00
445-1-6	Ground Fault Protection-Install	06JUN07*	40	01AUG07	321			0.00	23,142.56
445-1-8	Ground Fault Protection-Commission	30AUG07	20	27SEP07	321			0.00	9,911.12
445-2-0	Overload Protection & Cabling-Prelim Dsn	01MAR04A	272	30SEP04A				1,054.90	1,054.90
445-2-105	Overload Protect-Write spec and approve	01DEC06*	20	05JAN07	470			0.00	13,741.60
445-2-110	Overload Protect-Design	08JAN07	80	27APR07	480			0.00	74,788.80
445-2-115	Overload Protect-Fabr 4 chassis 120 modls	30APR07*	79	20AUG07	480			0.00	70,309.68
445-2-120	Overload Protect-Test 4 units	21AUG07	20	18SEP07	480			0.00	24,095.20
445-2-125	Overload Protect-Install & Rack wiring	19SEP07	20	16OCT07	480			0.00	46,195.73
445-2-130	Overload Protect-Write & perform ISTP	17OCT07	20	13NOV07	480			0.00	24,744.00
445-2-135	Overload Protect-Documentation	08JAN07*	180	19SEP07	519			0.00	25,808.40
445-2-140	Overload Protection&cabling design,procure instl	01DEC06*	249	27NOV07	470			0.00	144,022.27
FY05CV-36	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				49,000.00	49,000.00
45 - Power System Design and Integration									
Job: 4501 - Power Sys Dsn & Integr-RAMAKRISHNAN									
Prior Costs									
4501-001	Apr-Sept MIE Cost	01APR03A	43*	30SEP03A			100	112,340.00	112,340.00
451 - System Design & Interfaces									
4501-100	Design Drawings	02FEB04A	193*	30SEP04A			100	19,807.80	19,807.80
4501-110	Calculations-FY04	01MAR04A	151*	30SEP04A			100	0.00	0.00
451-0-1	C-Site Decision	30APR04A	0	30APR04A			100	0.00	0.00
451-7-2	FDR DC transmission-Dsn	01MAY04A	0*	28MAY04A			100	10,084.00	10,084.00
451-7-20	FDR DC transmission		0	28MAY04A			100	0.00	0.00
451-0-2	Develop SRD	01NOV05	21	01DEC05	968			0.00	0.00
451-3-2	Dwgs,asbuilts -Elect Dsn	02OCT06*	500*	30SEP08	261			0.00	166,541.26
451-2-1	CDR Power system -Dsn	01DEC04A	208*	31AUG05A			100	41,299.20	41,299.20
451-2-2	PDR Power system -Dsn	01NOV05	20*	30NOV05	719			0.00	45,427.20
451-6-2	FDR C-Site -Cabling	01SEP05A	62*	30NOV05	969		20	6,604.35	33,021.75
451-2-2.1	FDR C-Site	01DEC05	250*	30NOV06	719			0.00	34,195.59
451-4-2	FDR AC auxiliaries & grounding-Dsn	02JUL07*	45	04SEP07	530			0.00	11,605.20
451-1-2	Calculations-Dsn	01NOV05*	477*	28SEP07	512			0.00	55,340.73
452 - Electrical Systems Support									
452-1-2	Diagnostics AC Power Distr-Dsn	03OCT06*	72	22JAN07	186			0.00	89,492.00
452-1-4	Diagnostics AC Power Distr-Procure	23JAN07	182	08OCT07	186			0.00	1,372.12
452-1-6	Diagnostics AC Power Distr-Install	09OCT07	105	13MAR08	186			0.00	79,841.60
452-1-8	Diagnostics AC Power Distr-Commission	19MAR08	37	08MAY08	186			0.00	31,462.80



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

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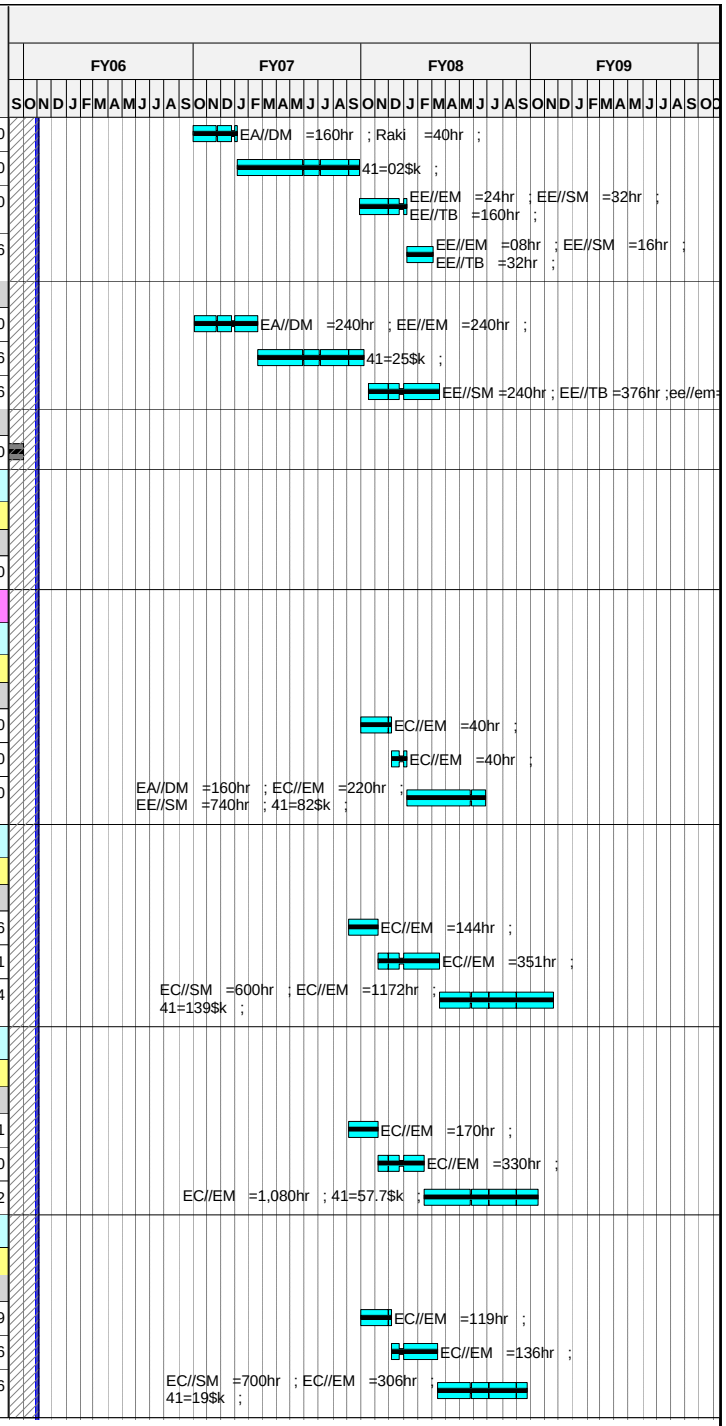
OCTOBER 2005 STATUS against ECP-39 Baseline

Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
452-2-2	Diagnostics sensor cabling-Dsn	03OCT06*	61	05JAN07	234			0.00	25,808.40
452-2-4	Diagnostics sensor cabling-Procure	08JAN07	185	26SEP07	234			0.00	2,742.00
452-2-6	Diagnostics sensor cabling-Install	27SEP07	65	07JAN08	234			0.00	22,242.90
452-2-8	Diagnostics sensor cabling-Commission	08JAN08	40	03MAR08	234			0.00	6,292.56
453 - System Testing (PTP's)									
453-1-2	New Procedures	06OCT06*	90	20FEB07	345			0.00	69,631.20
453-1-4	Preop Testing-Procure test equipt	21FEB07*	160	05OCT07	345			0.00	34,301.56
453-1-8	Testing PTPs, ISTPs	19OCT07*	100	18MAR08	236			0.00	213,785.76
FY05CV-37	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-52,000.00	-52,000.00
46 - FCPC Building Modifications									
Job: 4601 - FCPC Bldg Mods-RAMAKRISHNAN									
Prior Costs									
4601-001	Apr-Sept MIE Cost	01APR03A	43*	30SEP03A			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	239			0.00	6,260.40
51-20	Final Network Design (Title II)	05DEC07	20	09JAN08	239			0.00	6,260.40
51-30	Installation, Testing, Documentation (Title III)	10JAN08	120	26JUN08	239			0.00	267,865.10
52 - Central Instrumentation & Control									
5201 - I&C Systems									
52-10	Preliminary Design (Title I)	04SEP07*	45	05NOV07	138			0.00	22,288.16
52-20	Final Design (Title II)	06NOV07	87	17MAR08	138			0.00	54,935.01
52-30	Installation, Testing, Documentation (Title III)	18MAR08	173	18NOV08	138			0.00	452,889.24
53 - Data Acquisition & Facility Computing									
5301 - Data Acquisition									
53-10	Preliminary Design (Title I)	04SEP07*	45	05NOV07	160			0.00	26,312.41
53-20	Final Design (Title II)	06NOV07	65	14FEB08	160			0.00	51,648.30
53-30	Coding, Configuration, Testing (Title III)	15FEB08	173	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	178			0.00	18,624.69
54-20	Final Design (Title II)	06DEC07	65	13MAR08	178			0.00	21,285.36
54-30	Installation, Testing, Documentation (Title III)	14MAR08	135	23SEP08	178			0.00	155,913.06



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ECP-39 Status
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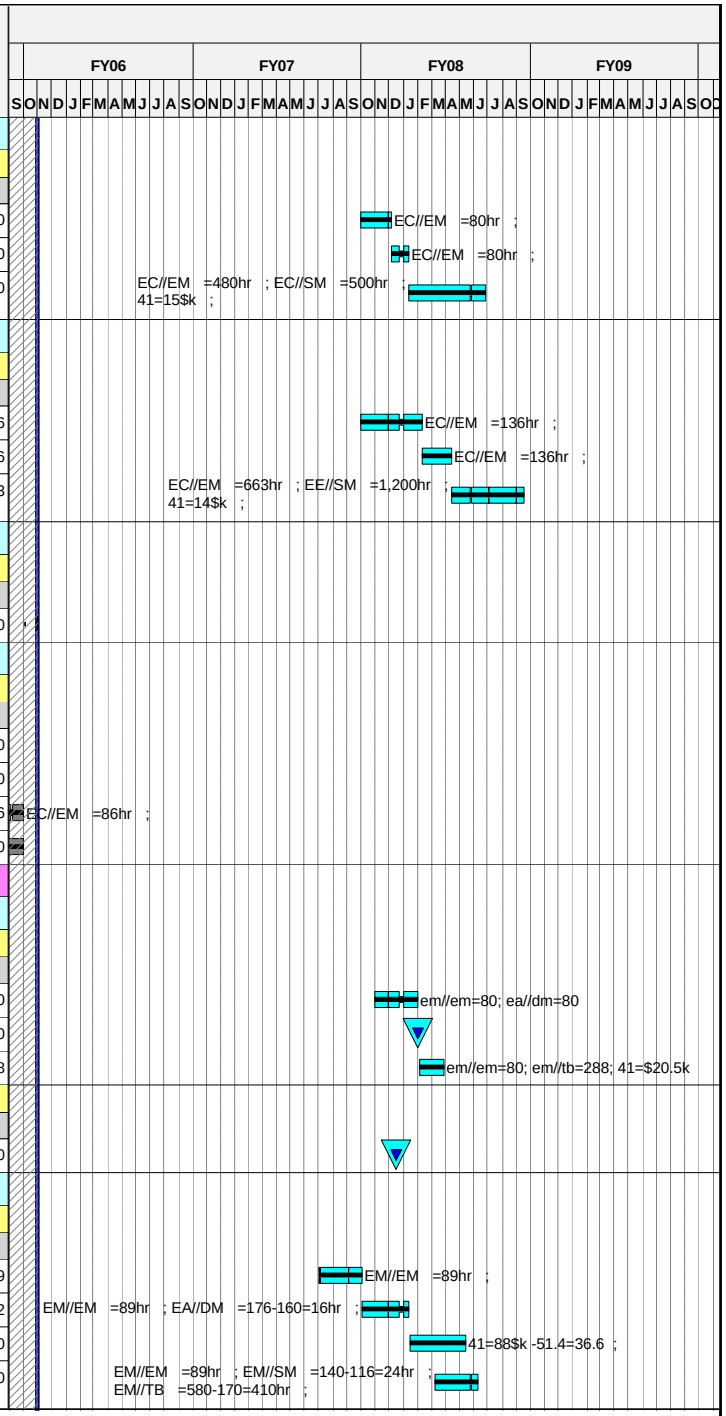
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
55 - Real Time Plasma & Power Supply Control Sys									
5501 - Real Time Control System									
55-10	Preliminary Design (Title I)	02OCT07*	45	05DEC07	238			0.00	12,520.80
55-20	Final Design (Title II)	06DEC07	20	10JAN08	238			0.00	12,520.80
55-30	Installation, Testing, Documentation (Title III)	11JAN08	120	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	183			0.00	21,285.36
56-20	Final Design (Title II)	12FEB08	45	14APR08	183			0.00	21,285.36
56-30	Installation, Testing, Documentation (Title III)	15APR08	108	16SEP08	183			0.00	282,928.13
57 - Control Room Facility									
Job: 5701 - Control Room Facility									
57-10		01NOV05	0	31OCT05	989			0.00	0.00
58 - Central I&C management and Integration									
Job: 5801 -Central I&C Integr & Oversight-SICHTA									
51-00	FY03	01APR03A	250*	30SEP03A			LOE	11,900.00	11,900.00
51-01	FY04 LOE support	01OCT03A	250*	30SEP04A			LOE	16,000.00	16,000.00
51-02	FY05 LOE support	01OCT04A	249*	30SEP05A			LOE	12,462.26	12,462.26
FY05CV-38	FY05 unrecoverable cost variance	01OCT04A	251	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	210			0.00	24,290.40
623.013	FDR WBS 612		0	01FEB08	210			0.00	0.00
632.021	WBS 612 Assembly/Fabrication/Installation	04FEB08	40	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	252			0.00	15,792.79
631-010	Final Design**reduced scope	03OCT07	65	11JAN08	252			0.00	18,149.92
631-020	Procurement **reduced scope	14JAN08	88	14MAY08	252			0.00	123,078.00
631-015	Fab/Assy/Installation**reduced scope	10MAR08	65	09JUN08	252			0.00	71,991.50



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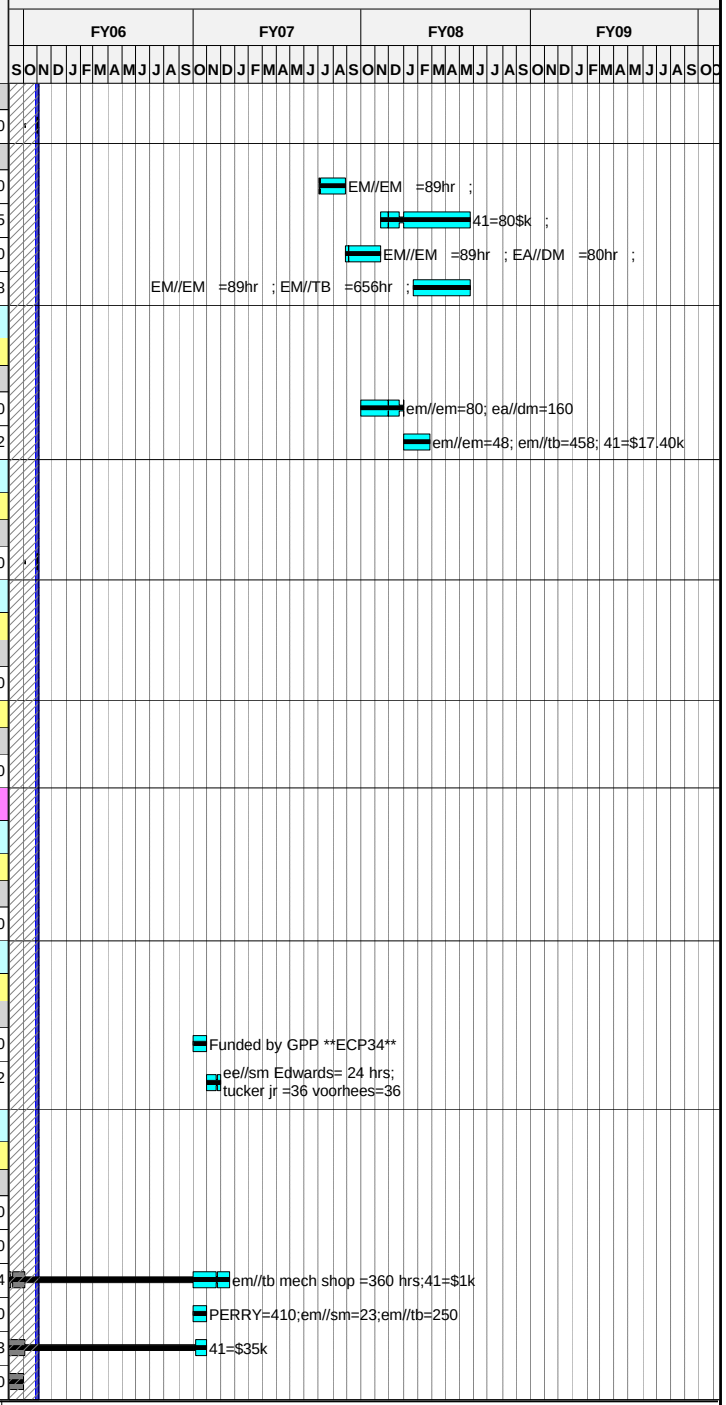
OCTOBER 2005 STATUS against ECP-39 Baseline

Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
622 - LN2 Coil Cooling Supply									
632-001	**deleted scope	01NOV05	0	31OCT05	989			0.00	0.00
623 - GN2 Cryostat Cooling System									
633-001	Preliminary Design	02JUL07*	40	27AUG07	262			0.00	15,779.70
633-020	Procurement	14NOV07	130	23MAY08	262			0.00	112,329.75
633-010	Final Design	28AUG07	55	13NOV07	262			0.00	25,644.50
633-015	Fab/Assy/Installation	23JAN08	88	23MAY08	262			0.00	72,266.88
63 - Utility Systems									
Job: 6301 - Utility Systems									
640.011	Design GN2, Air & Vent Systems	01OCT07*	59	01JAN08	251			0.00	34,014.40
640.021	Assembly/Fabrication	02JAN08	40	26FEB08	251			0.00	72,889.52
64 - PFC/VV Heating & Cooling*ELIMINATED*									
Job: 6401 - PFC/VV Heating & Cooling									
650.001	Eliminated scope	01NOV05	0	31OCT05	989			0.00	0.00
65 - Facility Systems Integration									
Job: 6163 - Facility Systems Support FY04									
65-03	LOE WBS 6	01OCT03A	250*	30SEP04A			LOE	15,000.00	15,000.00
Job: 6501 - Facility Systems Integration-DUDEK									
Prior Costs									
6501-001	Apr-Sept MIE Cost PPPL	01APR03A	0	30SEP03A			100	9,380.00	9,380.00
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			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	719			0.00	0.00
711B.050	Complete Control Room Flooring	03NOV06*	18	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			100	6,416.80	6,416.80
712.010	Final Design	02MAY05A	43*	30JUN05A			100	53,163.80	53,163.80
711A.040	Platform nut plates	01APR05A	187*	22DEC06	703		90	26,209.21	29,121.34
712.020	Platform Parts	02OCT06*	22	31OCT06	743			0.00	25,591.00
712.030	Miscs Hardware/Material	01JUL05A	83*	31OCT06	393		80	36,414.50	45,518.13
FY05CV-39	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-50,000.00	-50,000.00



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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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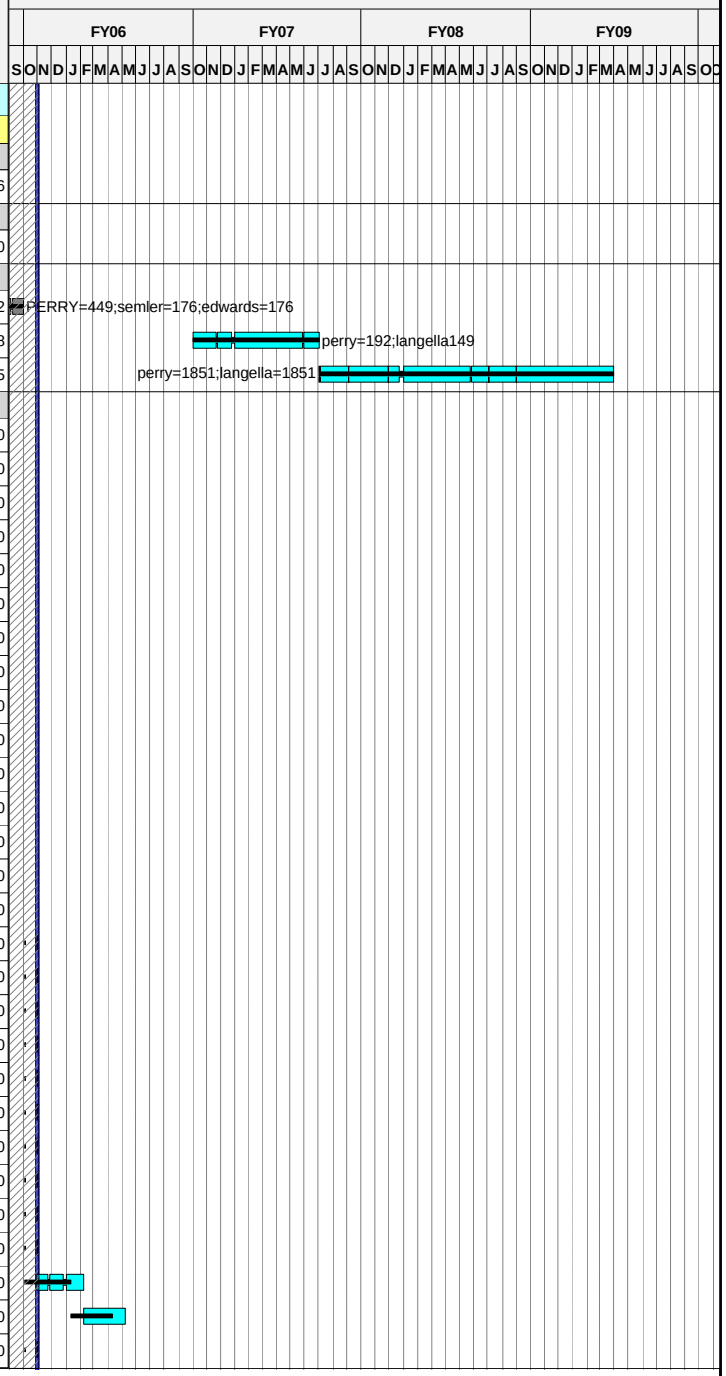
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
74 - Machine Assembly Planning and Oversight									
Job: 7401 - TC Prep & Mach Assy Planning-PERRY									
Oversight and Supervision									
711A.020	LOE FY04	01OCT03A	256*	30SEP04A			LOE	148,582.46	148,582.46
Prior Costs									
7401-001	Apr-Sept MIE Cost PPPL	01APR03A	66	30SEP03A			100	164,000.00	164,000.00
Project Scope									
714.010	LOE FY05	01OCT04A	249*	30SEP05A			LOE	109,972.42	109,972.42
714.020	LOE FY06 prior to assy starting	02OCT06*	187*	02JUL07	574			0.00	53,510.98
714.030	LOE FY07 thru first plasma	02JUL07*	444*	31MAR09	131			0.00	877,620.95
FED/Infrastructure Support (non Project cost)									
613.010	Remove Shield Walls ** GPP **	01APR04A	64*	22JUN04A			100	0.00	0.00
613.015	Fabricate New Bottom Course of Blocks **GPP**	01APR04A	207*	31JAN05A			100	0.00	0.00
613.017	Install New Bottom Course **GPP**	01AUG05A	0*	31AUG05A			100	0.00	0.00
613.020	Remove south PLT shielding (cc 7230)	01JUN04A	0*	22JUN04A			100	0.00	0.00
613.025	Dispose of old south PLT shielding **GPP**	01AUG04A	0*	31AUG04A			100	0.00	0.00
EXFAC003	Clear PBX control room & Safe PBX (cc7230)	27JAN03A	110*	30JUN03A			100	0.00	0.00
EXFAC004	Remove Fire protection PLT wall (cc7230)	01MAY03A	21	09MAY03A			100	0.00	0.00
EXFAC005	Remove Fire Protection under platform (cc7230)	01APR03A	21	30APR03A			100	0.00	0.00
EXFAC006	Remove Fire Protection Control rm walls(cc7230)	01MAY03A	21	09MAY03A			100	0.00	0.00
EXFAC007	Remove PBX Base Plates cc7230)	25FEB04A	48*	12MAR04A			100	0.00	0.00
GPP001	GPP-Upgarde C-Site central chilled wtr plant*TBD	01OCT02A	1	01OCT02A			100	0.00	0.00
GPP004	GPP-Roofing Design	01APR04A	291	31MAY05A			100	0.00	0.00
GPP004.1	GPP-Roofing Install	01MAY05A	0	31MAY05A			100	0.00	0.00
GPP005	GPP-Test Cell lighting Design	01APR04A	206*	31JAN05A			100	0.00	0.00
GPP005.1	GPP-Test Cell lighting Install ***TBD***	02MAY05A	0	31MAY05A			100	0.00	0.00
GPP006	GPP-Test Cell HVAC/dew point control Design*TBD	01NOV05	0	31OCT05	989			0.00	0.00
GPP006.1	GPP-Test Cell HVAC/dew point control InstallTBD	01NOV05*	0	31OCT05	989			0.00	0.00
GPP007	GPP-C-Site elevators Design	01NOV05*	0	31OCT05	989			0.00	0.00
GPP007.1	GPP-C-Site elevators Install	01NOV05	0	31OCT05	989			0.00	0.00
GPP008	GPP-Fire suppression high bay design*TBD*	01NOV05	0	31OCT05	989			0.00	0.00
GPP008.1	GPP-Fire suppression high bay install*TBD*	01NOV05	0	31OCT05	989			0.00	0.00
GPP009	Control Room Lights & Outlets design*TBD*	01NOV05	0	31OCT05	925			0.00	0.00
GPP009.1	Control Room Lights & Outlets install*TBD*	01NOV05	0	31OCT05	925			0.00	0.00
GPP010	Control Room HVAC Design **TBD**	01NOV05	0	31OCT05	925			0.00	0.00
GPP010.1	Control Room HVAC Install **TBD**	01NOV05	0	31OCT05	925			0.00	0.00
GPP011	Control Room Ceiling Design	01NOV05*	64	08FEB06	861			0.00	0.00
GPP011.1	Control Room Ceiling Install	09FEB06	64	09MAY06	861			0.00	0.00
GPP012	Control Rm Fire Detection & Suppression Design	01NOV05*	0	31OCT05	861			0.00	0.00



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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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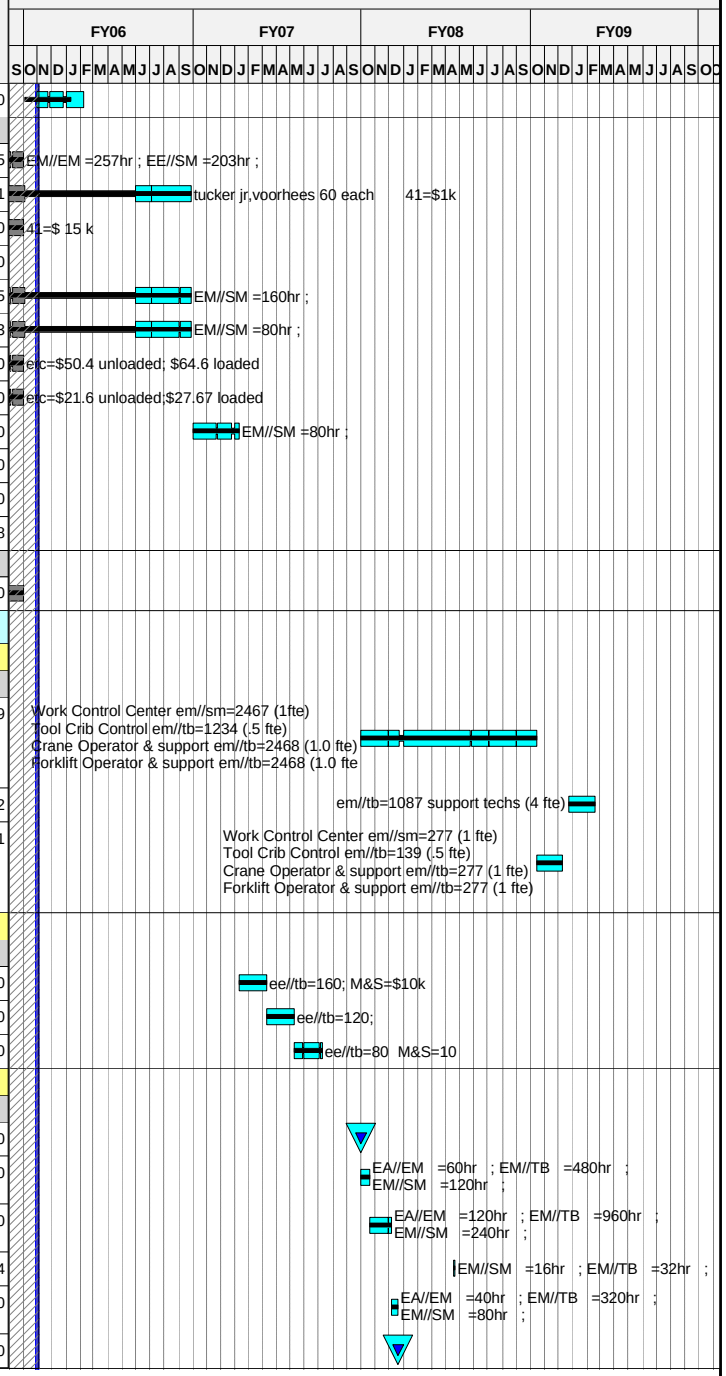
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
GPP012.1	Control RmFire Detection & Suppression Install	01NOV05	64	08FEB06	861			0.00	0.00
Test Cell Modifications & Upgrades									
714.020X	TC power instl	01AUG05A	436*	30SEP05A				63,673.65	63,673.65
613.030	Test Cell copper ground plane cuts	01JUL05A	152*	29SEP06	765		80	8,600.17	10,750.21
713.010	General procurements	02APR05A	128*	30SEP05A			LOE	19,215.00	19,215.00
7502-000	Outlet Design	02FEB04A	107*	30JUN04A			100	25,272.00	25,272.00
7502-001	Test Cell 110v outlets	01APR05A	214*	29SEP06	761		50	9,146.83	18,293.65
7502-002	Test Cell 208v outlets	01APR05A	214*	29SEP06	761		50	4,573.42	9,146.83
7502-003	Install 480v power in test cell	01SEP05A	0*	30SEP05A			100	0.00	0.00
7502-004	Install 120v panels in test cell	01SEP05A	0*	30SEP05A			100	0.00	0.00
7502-010	Ready Rooms (under control room) 110v outlets	02OCT06*	65	10JAN07	570			0.00	10,480.00
7502-011	Cable Removal in test cell (S04335-32)	01OCT03A	0*	31OCT03A			100	9,937.20	9,937.20
7502-025	TC Floor penetration covers	03NOV03A	42	26NOV03A			100	16,848.00	16,848.00
EXFAC001.2	Complete Crane Modifications (S04354)	02FEB04A	0*	30JAN04A			100	37,608.48	37,608.48
FY05CV-40	FY05 unrecoverable cost variance	01OCT04A	251	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	164			0.00	861,133.69
7501-06	Construction Support Crew during e-beam mapping	24DEC08*	41	18FEB09	160			0.00	99,199.62
7501-07	Construction Support Crew during cryostat instl	15OCT08*	40	09DEC08	211			0.00	103,081.21
7502 - Test Cell Facility Preparations									
7502-020	Resurface TC floor	11JAN07*	42	09MAR07	570			0.00	34,670.00
7502-030	TC Floor firesealing	12MAR07	42	08MAY07	570			0.00	15,720.00
7502-035	Control room firesealing	09MAY07	42	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	225			0.00	68,122.20
7503-030	Install/Level FPA's and Spool Piece supports	22OCT07	30	04DEC07	225			0.00	136,244.40
7503-060	Install Lower PF 4,5&6 into prelim position	18APR08	2	21APR08	148			0.00	4,887.04
7503-070	Install 3 Spool Pieces on fixt & test movement	05DEC07	10	18DEC07	225			0.00	45,414.80
7503-080	FPA-1 Installed on support platform		0	18DEC07	225			0.00	0.00



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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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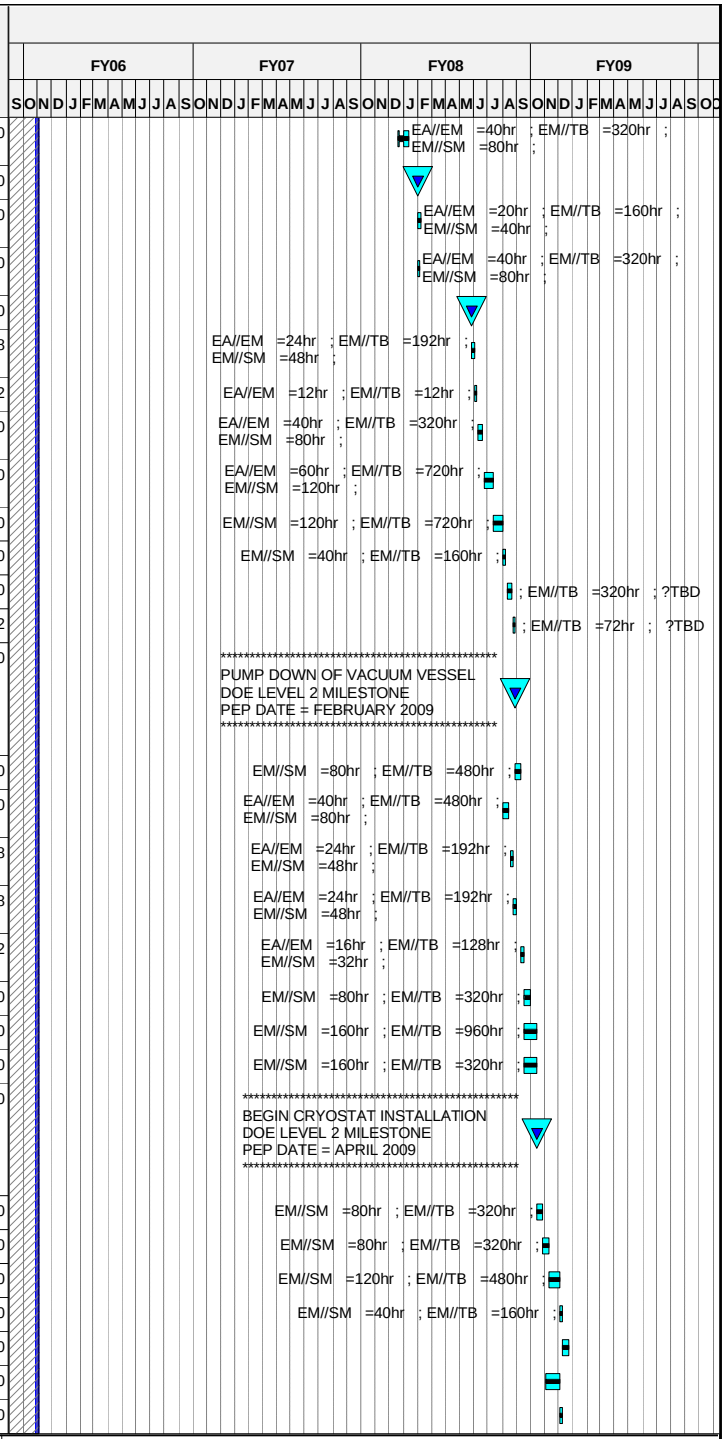
Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
7503-090	Install local Platforms around FPA-1	19DEC07	10	10JAN08	226			0.00	45,414.80
7503-110	FPA-2 Installed on support platform		0	30JAN08	201			0.00	0.00
7503-120	Test movement of FPA-1& -2 & position checks.	31JAN08	5	06FEB08	201			0.00	22,707.40
7503-130	Install local Platforms around FPA-2	31JAN08	3	04FEB08	209			0.00	45,414.80
7503-150	FPA-3 Installed on support platform		0	26MAY08	123			0.00	0.00
7503-160	Position all FPA's / Spool Pieces @ MC Interface	27MAY08	6	03JUN08	123			0.00	27,248.88
7503-170	FPA Metrology Checks to Assure Alignment	04JUN08	3	06JUN08	123			0.00	3,217.32
7503-190	Install local Platforms around FPA-3	09JUN08	10	20JUN08	123			0.00	45,414.80
7503-180	MC Interfaces: shim, ream holes ,bolt together	23JUN08	15	11JUL08	123			0.00	88,632.60
7503-200	Mate-up and weld all VV-to-Spool interfaces	14JUL08	15	01AUG08	123			0.00	77,673.60
7503-240	Bolt on preassembled pump duct	04AUG08	5	08AUG08	123			0.00	19,054.40
7503-240.1	Install insulation boots	11AUG08	10	22AUG08	123			0.00	27,347.20
7503-240.2	Install insulation	25AUG08	3	27AUG08	123			0.00	6,153.12
7503-250	Begin Vac Vsl Pumpdown	28AUG08	0		123			0.00	0.00
7503-260	PTP Pumpdown & leak check VV	28AUG08	10	10SEP08	123			0.00	51,782.40
7503-210	Fit-up all TF coils	04AUG08	10	15AUG08	129			0.00	59,088.40
7503-270	Raise lower PF 4,5&6 coils into final position	18AUG08	6	25AUG08	129			0.00	27,248.88
7503-280	Install Upper PF 4,5 & 6 coils	26AUG08	6	02SEP08	129			0.00	27,248.88
7503-290	Install PF Solenoid into position (U/L PF1,2,3)	11SEP08	4	16SEP08	123			0.00	18,165.92
7503-310	Complete LN2 connections	17SEP08	10	30SEP08	133			0.00	38,108.80
7503-320	Complete Elect Pwr connections	17SEP08	20	14OCT08	123			0.00	107,079.20
7503-321	Complete mag diag & machine I&C	17SEP08	20	14OCT08	123			0.00	50,528.80
7503-330	Begin Cryostat Installation	15OCT08	0		123			0.00	0.00
7503-340	Install Cryostat Base, vapor barrie& port boots	15OCT08	10	28OCT08	123			0.00	40,695.20
7503-350	Install Cryostat upper section,VB and port boots	29OCT08	10	11NOV08	123			0.00	40,695.20
7503-360	Install Midplane Cryostat sections and port boot	12NOV08	15	02DEC08	123			0.00	61,042.80
7503-370	Install Cryostat Circulation Duct	03DEC08	5	09DEC08	123			0.00	20,347.60
730.8200Z	PTP and Cooldown (dup of 730.8200)	10DEC08	10	23DEC08	201			0.00	0.00
730.1248	ACC Review	05NOV08	20	02DEC08	123			0.00	0.00
730.1249	PSO Operational Readiness Assessment	03DEC08	5	09DEC08	123			0.00	0.00



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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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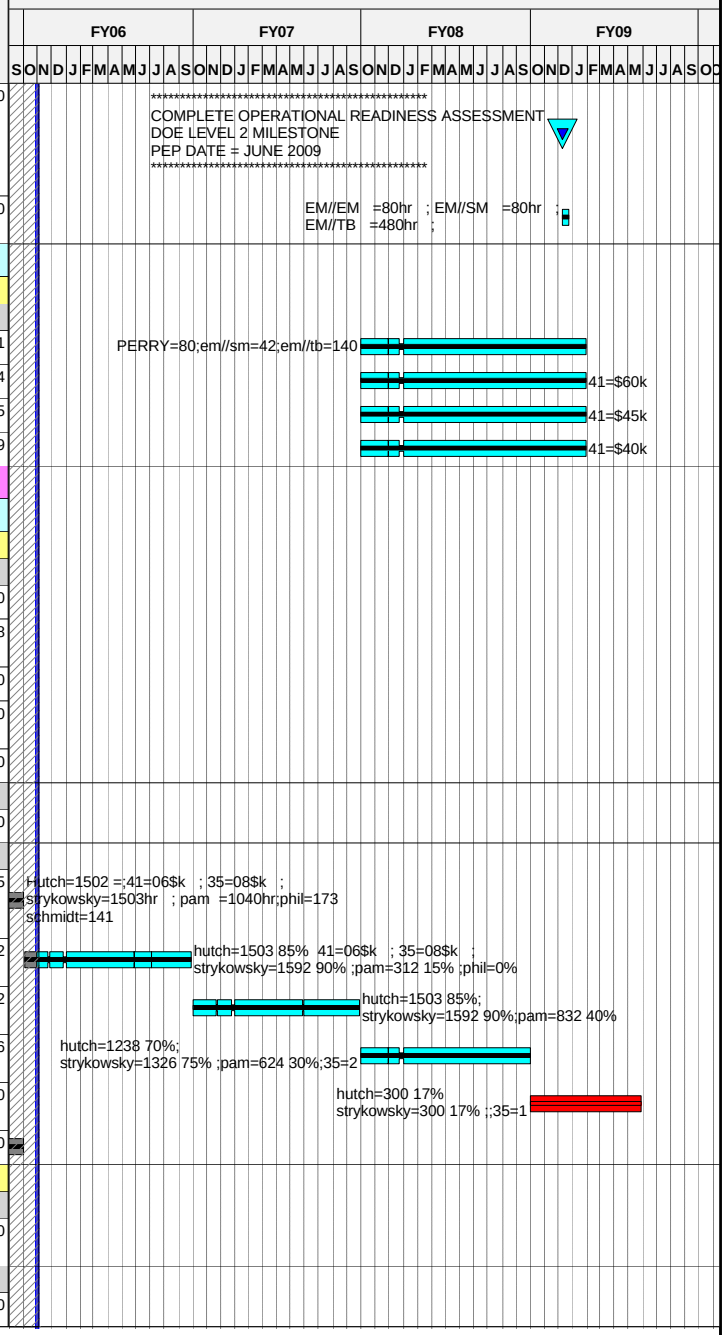
730.1250	PSO Operational Readiness Assessment		0	09DEC08	123			0.00	0.00
730.8200	PTP and Cooldown	10DEC08	10	23DEC08	123			0.00	70,850.40
76 - Tooling Design & Fabrication									
Job: 7601 - Tooling Design & Fabrication									
713.020	Lab Fab/Assy/Installation	01OCT07*	341*	30JAN09	173			0.00	32,743.91
713.030	Tooling,assy fixtures,misc equipt	01OCT07*	341*	30JAN09	173			0.00	84,841.94
713.040	General procurements	01OCT07*	341*	30JAN09	173			0.00	63,631.45
713.050	Welding tools, materials & equipt	01OCT07*	341*	30JAN09	173			0.00	56,561.29
8 - Project Oversight and Support									
81 - Project Management and Control									
Job: 8101 - Project Management & Control-NEILSON									
FY04 Actual Cost									
M-0110	CD-2		0	03FEB04A				0.00	0.00
810.009	PDR Support	01OCT03A	3*	31OCT03A			100	41,163.08	41,163.08
M-0115	CD-3		0	16SEP04A				0.00	0.00
810.002	Project Management Office PPPL FY04	01OCT03A	256*	30SEP04A			LOE	685,961.70	685,961.70
810.002E	Project Management Office PPPL FY04 ECP24	01OCT03A	256*	30SEP04A			LOE	146,000.00	146,000.00
Prior Costs									
810.001	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A			100	387,340.00	387,340.00
810.003	Project Management Office PPPL FY05	01OCT04A	251*	30SEP05A			LOE	696,116.95	696,116.95
810.004	Project Management Office PPPL FY06	03OCT05A	250*	29SEP06	765		LOE	53,309.99	634,642.72
810.005	Project Management OfficePPPL FY07	02OCT06*	251*	28SEP07	514			0.00	662,100.12
810.900	Project Management Office PPPL FY08	01OCT07*	253*	30SEP08	261			0.00	554,496.26
810.909	Project Management Office PPPL FY09	01OCT08*	173*	29MAY09	88			0.00	132,273.00
FY05CV-41	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-3,000.00	-3,000.00
Job: 8102 - NCSX MIE Management ORNL-LYON									
FY04 Actual Cost									
810.102	Project Management Office ORNL FY04	01OCT03A	256*	30SEP04A			LOE	88,000.00	88,000.00
Prior Costs									
810.101	Apr-Sept MIE Cost ORNL	01APR03A	129*	30SEP03A			100	58,600.00	58,600.00



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ECP-39 Status
xecp-39 baseline
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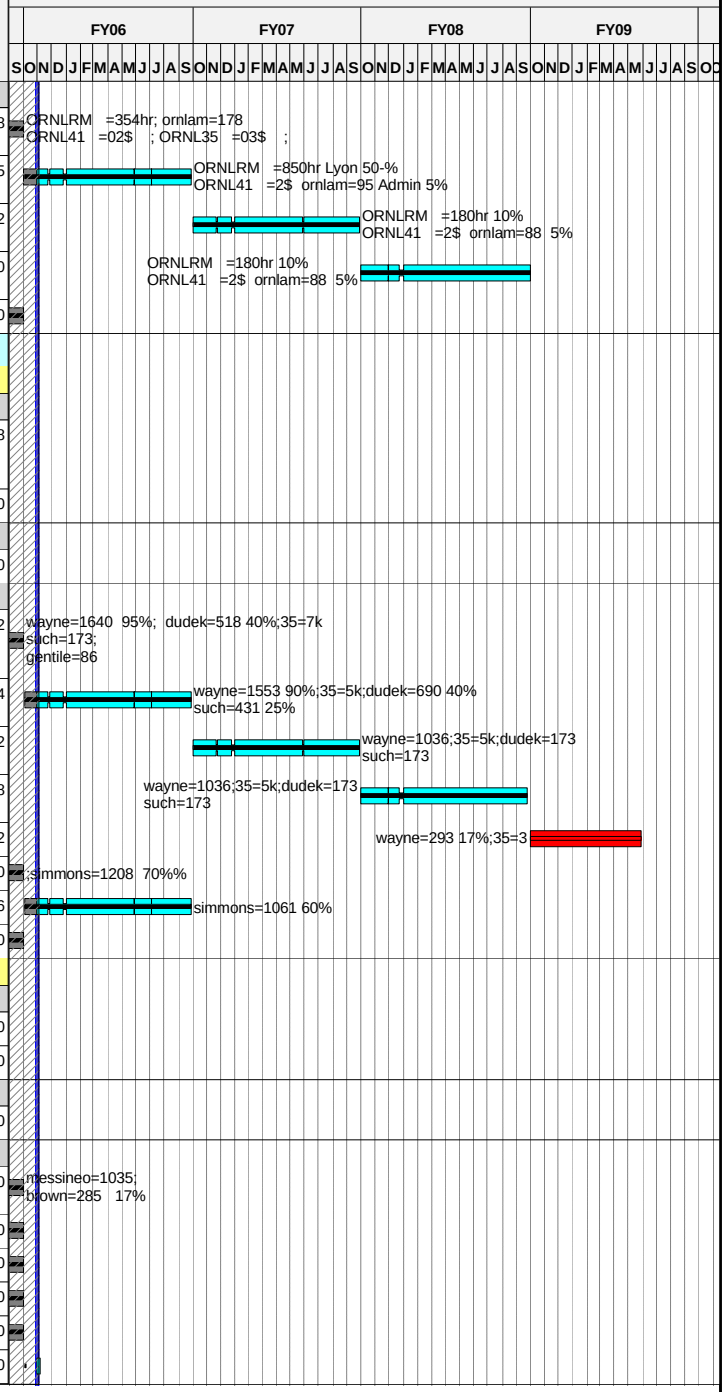
OCTOBER 2005 STATUS against ECP-39 Baseline

Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
810.103	Project Management Office ORNL FY05	01OCT04A	251*	30SEP05A			LOE	95,368.98	95,368.98
810.104	Project Management Office ORNL FY06	01OCT05A	250*	29SEP06	514		LOE	14,583.30	173,610.65
810.104X	Project Management Office ORNL FY07	02OCT06	251*	28SEP07	514			0.00	50,514.32
810.105X	Project Management Office ORNL FY08	02OCT07*	251*	29SEP08	262			0.00	36,664.00
FY05CV-42	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				13,000.00	13,000.00
82 - Project Engineering									
Job: 8202 - Engr Mgmt & Sys Eng Support-REIERSEN									
FY04 Actual Cost									
820.002	LOE FY04	01OCT03A	256*	30SEP04A			LOE	601,555.68	601,555.68
8202-ECP16	ecp16	01OCT03A	256*	30SEP04A			LOE	68,000.00	68,000.00
Prior Costs									
820.110	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A			100	295,530.00	295,530.00
820.003	Proj engr FY05	01OCT04A	251*	30SEP05A			LOE	469,631.02	469,631.02
820.004	Proj engr FY06	03OCT05A	250*	29SEP06	765		LOE	37,041.11	440,965.54
820.04X	Proj engr FY07	02OCT06*	248*	25SEP07	517			0.00	239,641.12
820.004Z	Proj engr FY08	02OCT07*	249*	25SEP08	264			0.00	245,966.08
820.005	Proj engr FY09	01OCT08*	173*	29MAY09	88			0.00	62,798.72
8205FY05	System Engr Support FY05	01OCT04A	251*	30SEP05A			LOE	199,622.00	199,622.00
8205FY06	Systems Engineering Support FY06	03OCT05A	250*	29SEP06	765		LOE	15,512.92	184,677.66
FY05CV-44	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-19,000.00	-19,000.00
Job: 8203 - Design Integration-BROWN									
FY04 Actual Cost									
820.200	LOE FY04	01OCT03A	256*	30SEP04A			LOE	247,570.20	247,570.20
8203-ECP16	ecp16	01OCT03A	256*	30SEP04A			LOE	125,000.00	125,000.00
Prior Costs									
820.150	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A			100	178,750.00	178,750.00
8203FY05	Design Integration FY05 LOE	01OCT04A	251*	30SEP05A				171,028.50	171,028.50
8203-01	General Design Integration	01OCT04A	251*	30SEP05A			LOE	0.00	0.00
8203-02	Suprt interface aux sys dev&coolant/lead routing	01OCT04A	251*	30SEP05A			LOE	0.00	0.00
8203-03	Develop /maintain Pro/E model of NCSX facility	01OCT04A	251*	30SEP05A			LOE	0.00	0.00
8203-04	Support metrology efforts	01OCT04A	251*	30SEP05A			LOE	0.00	0.00
8203-06	Complt rvw of machine assembly approach	01NOV05*	4	04NOV05	990			0.00	0.00



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

0510

NCSX

OCTOBER 2005 STATUS against ECP-39 Baseline

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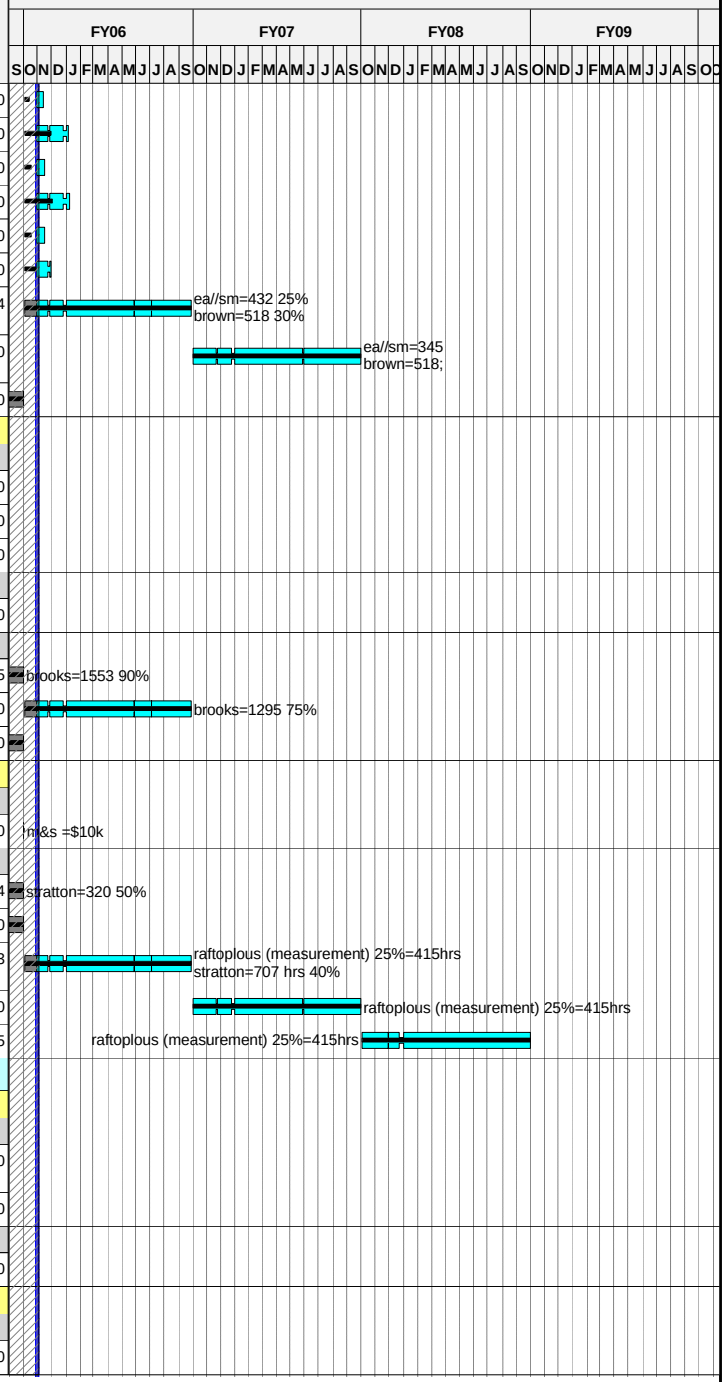
8203-07	Rvw cryostat & conventional magnet sys design	01NOV05*	9	11NOV05	985			0.00	0.00
8203-08	tollerance reqmnts for MCsuprt install fixt dwgs	01NOV05*	39	04JAN06	955			0.00	0.00
8203-09	Machine suprt dsn f/compatibility with assy reqt	01NOV05*	12	16NOV05	982			0.00	0.00
8203-10	Dynamic simul MC half period install fixt w/ Pro	01NOV05*	42	09JAN06	952			0.00	0.00
8203-11	Document NCSX Interlink& dwg control process	01NOV05*	11	15NOV05	983			0.00	0.00
8203-12	Update definition VV spool piece assy simul	01NOV05*	19	29NOV05	975			0.00	0.00
8203FY06	Design Integration FY06	03OCT05A	250*	29SEP06	765		LOE	11,776.94	140,201.64
8203FY07	Design Integration FY07	02OCT06*	252*	01OCT07	513			0.00	132,979.90
FY05CV-45	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-36,000.00	-36,000.00
Job: 8204 - Systems Analysis-BROOKS									
FY04 Actual Cost									
820.174	LOE FY04	01OCT03A	172*	30SEP04A			LOE	133,179.00	133,179.00
8204.01	Assess magnetic material in test cell	02FEB04A	85*	28MAY04A			100	37,080.00	37,080.00
8204.02	Model effects local high MU regions on MCWF	01MAY04A	29	28MAY04A			100	18,540.00	18,540.00
Prior Costs									
820.173	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A			100	44,620.00	44,620.00
8204FY05	Systems Analysis FY05	01OCT04A	251*	30SEP05A			LOE	256,633.25	256,633.25
8204FY06	Systems Analysis FY06	03OCT05A	250*	29SEP06	765		LOE	18,934.25	225,407.70
FY05CV-46	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				9,000.00	9,000.00
Job: 8205 - Dimensional Control Coordination									
Metrology									
740.135	Gary Puhl subcontract for metrology support	30SEP05A	77	30SEP05A				12,810.00	12,810.00
METFY05	Dimensional control FY05 ECP24	01FEB05A	172*	30SEP05A			LOE	96,648.84	96,648.84
FY05CV-47	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				-20,000.00	-20,000.00
METFY06R	Metrology for FP & machine assy FY06	03OCT05A	250*	29SEP06	765		LOE	15,901.79	189,307.03
METFY07R	Metrology for FP & machine assy FY07	03OCT06*	251*	01OCT07	513			0.00	74,115.10
METFY08R	Metrology for FP & machine assy FY08	03OCT07*	250*	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			LOE	99,806.20	99,806.20
840.203	Closeout cost FY04 ECP-21	01OCT03A	256*	30SEP04A			LOE	14,000.00	14,000.00
Prior Costs									
840.201	Apr-Sept MIE Cost PPPL	01APR03A	128*	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			LOE	60,876.00	60,876.00



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ECP-39 Status
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Progress Bar
Critical Activity

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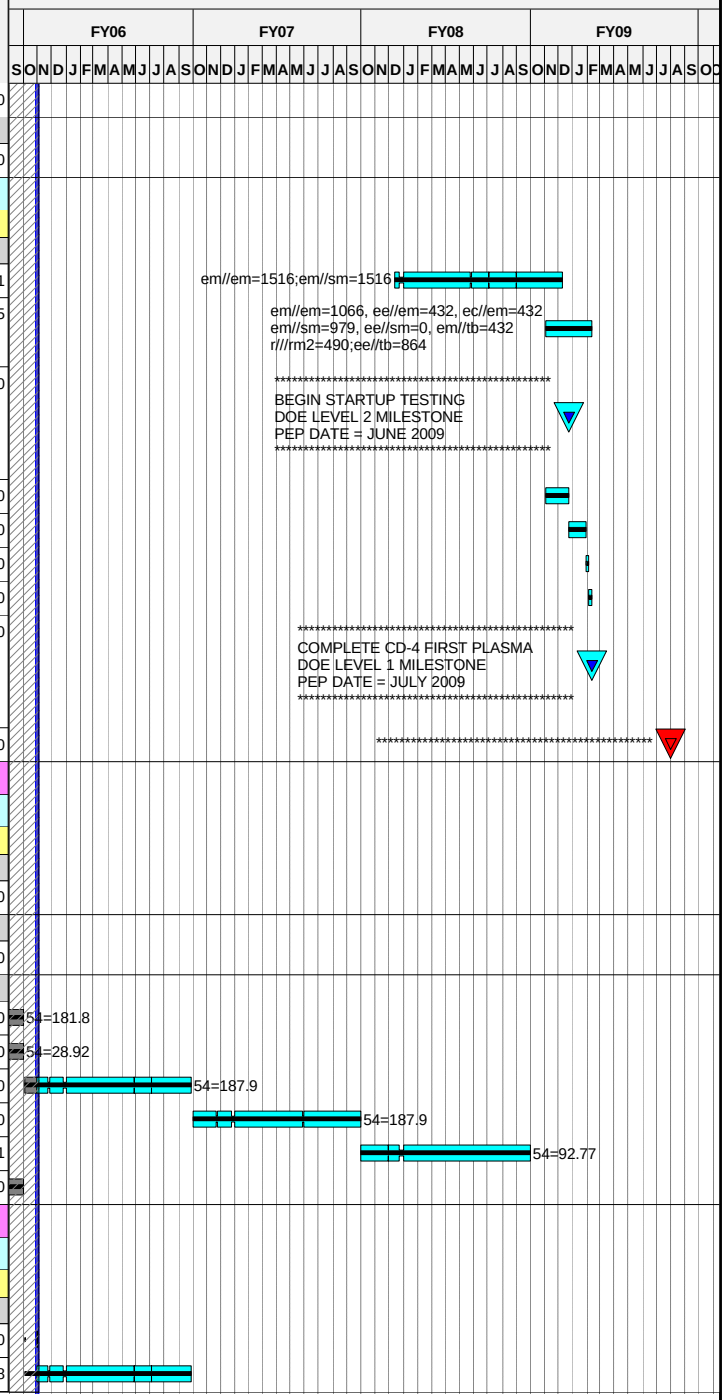
OCTOBER 2005 STATUS against ECP-39 Baseline

Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
840.303	Closeout cost FY04 ECP-21	01OCT03A	256*	30SEP04A			LOE	44,000.00	44,000.00
Prior Costs									
840.301	Apr-Sept MIE Cost ORNL	01APR03A	152*	30SEP03A			100	40,980.00	40,980.00
85 - Integrated Systems Testing									
Job: 8501 - Integrated Systems Testing									
920.001	Procedure and Document Preparation	13DEC07*	250	09DEC08	123			0.00	486,475.31
920.000	Startup Personnel	03NOV08	72	10FEB09	123			0.00	711,219.45
920.004	Begin Start-up Testing	24DEC08	0		123			0.00	0.00
920.005	Punch list,Cmplt PTP's,Reconfig, Rm temp Hi-pot	03NOV08	37	23DEC08	123			0.00	0.00
920.010	Field Coil Testsing,FCPC test & E-Beam Mapping	24DEC08	25	27JAN09	123			0.00	0.00
920.020	Final ISTP	28JAN09	7	05FEB09	123			0.00	0.00
920.021	Operations Approval	06FEB09	3	10FEB09	123			0.00	0.00
730.9000	First Plasma		0	10FEB09	123			0.00	0.00
M-0120	CD-4 First Plasma		0	31JUL09*	0			0.00	0.00
Allocations									
PPPL Allocations									
Job: 8998 - Allocations									
FY04 Actual Cost									
99.04	PPPL Allocations FY04	01OCT03A	256*	30SEP04A			LOE	260,691.00	260,691.00
Prior Costs									
99.03	Apr-Sept MIE Cost PPPL	01APR03A	128*	30SEP03A			100	112,000.00	112,000.00
99.05	PPPL Allocations FY05	20OCT04A	251*	30SEP05A			LOE	302,697.00	302,697.00
99.05P	PPPL Allocations FY05 rebaeline re-estimate	01OCT04A	251*	30SEP05A			LOE	48,151.80	48,151.80
99.06	PPPL Allocations FY06	03OCT05A	250*	29SEP06	765		LOE	27,700.22	329,764.50
99.07	PPPL Allocations FY07	02OCT06*	252*	01OCT07	513			0.00	332,787.30
99.08	PPPL Allocations FY08	01OCT07*	252*	29SEP08	262			0.00	166,336.61
FY05CV-43	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A				56,000.00	56,000.00
Contingency									
Contingency									
Contingency-Project									
99.105	Contingency FY05	01NOV05*	0*	31OCT05	994			0.00	0.00
99.106D	Contingency FY06	01NOV05*	229*	29SEP06	765			0.00	669,697.78



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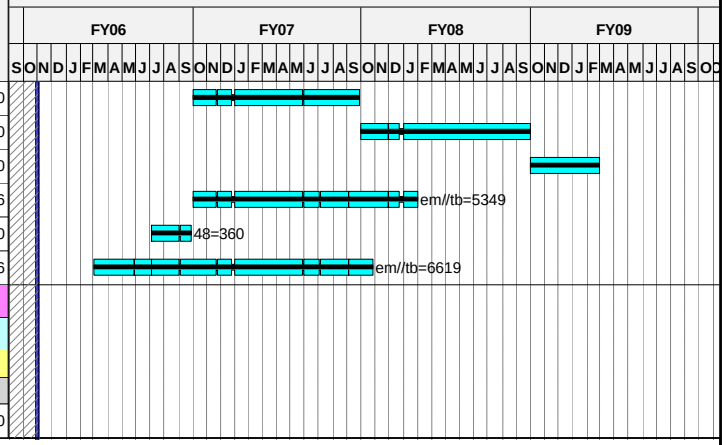
OCTOBER 2005 STATUS against ECP-39 Baseline

Activity ID	Activity Description	Baseline Start	Duration (work days	Baseline Finish	Total Float in days (21 days= 1 mo.)	Shifts	Pct Complete as of 10/1/05	Earned value (BCWP)	ECP39 Budget
99.107	Contingency FY07	**02OCT06***	*251**	**28SEP07**	***514***			***0.00***	1,804,000.00
99.108	Contingency FY08	**01OCT07***	*253**	**30SEP08**	***261***			***0.00***	4,618,000.00
99.109	Contingency FY09	**01OCT08***	*108**	**27FEB09**	***153***			***0.00***	1,051,000.00
1361RISK	JOB 1361 RISK	**02OCT06***	*330**	**31JAN08**	***431***			***0.00***	448,084.76
1411RISK	JOB 1411 RISK	**03JUL06***	*63**	**29SEP06**	***761***			***0.00***	360,000.00
1451RISK	JOB 1451 RISK	**03MAR06***	*416**	**25OCT07**	***493***			***0.00***	661,098.86
DCMA									
DCMA									
DCMAFY04	DCMA	**01OCT03A**	*256**	**30SEP04A**				***75,000.00***	75,000.00



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OCTOBER 2005 STATUS against ECP-39 Baseline