cc 9450 - NCSX Fabrication (MIE)

1 - Stellarator Core Systems

12 - Vacuum Vessel Systems

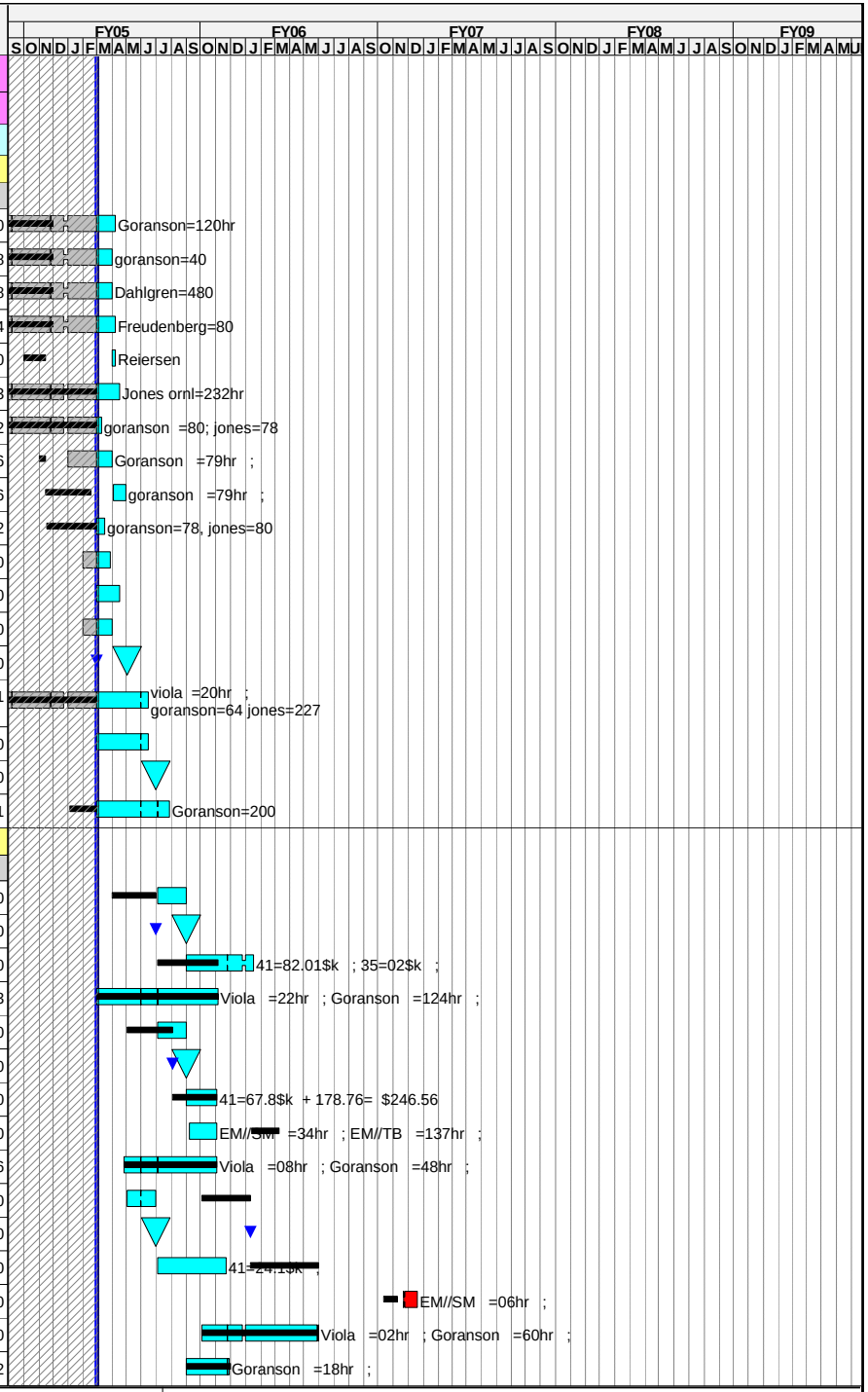
Job: 1203 - Vacuum Vessel Final Dsn-GORANSON

Final Design Tasks

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
1203-161	Finalize & Sign All ICDs	20NOV03A	347*	07APR05	256	95	15,444.63	16,257.50
1203-201	Update/Perform FMECA Analyses	01MAR04A	272*	30MAR05	257	95	5,203.80	5,477.68
1203-232	Structural Analysis of Vac Vsl	01MAR04A	272*	30MAR05	262	98	77,097.85	78,671.28
1203-239	Perform Analysis of VV Supports	01MAR04A	278*	07APR05	256	95	10,424.48	10,973.14
1203-241	Check FMECA Analyses	31MAR05	5	06APR05	257		0.00	0.00
1203-361	Final Design of Heating/Cooling	03NOV03A	263*	15APR05	250	20	6,406.49	32,032.43
124-011	Final design WBS 124 VV supports	01JUL04A	170*	09MAR05	277	95	21,052.49	22,160.52
125-001	Prelim design WBS 125 local I&C	01JAN05A	65	01APR05	240	70	8,142.37	11,631.96
125-011	Final design WBS 125 local I&C	04APR05	20	29APR05	240		0.00	11,631.96
124-011.1	Lateral VV supports	01MAR05	11*	15MAR05	273		0.00	23,263.92
124-011.2	Analysis of Lateral supports	01FEB05A	40*	28MAR05	264	90	0.00	0.00
124-011.3	check support analysis	01MAR05*	34*	15APR05	250		0.00	0.00
120-100	Magnetic Diag Interface/Install dwgs	01FEB05A	44*	01APR05	260	10	0.00	0.00
1203-900	**Compreshensive WBS 12 FDR w/o insul/htrs**		0	02MAY05*	239		0.00	0.00
122-011	Final design WBS 122 Thermal insulation	01JUN04A	261*	15JUN05	161	51	22,825.16	44,378.51
122-012	Heater Tape Design	01MAR05	76*	15JUN05	1,091		0.00	0.00
1203-901	**WBS 12 FDR insulation & heaters**		0	01JUL05*	149		0.00	0.00
1203-271	Develop/Confirm & Installation Process	01MAR05*	107*	29JUL05	1,060	10	2,930.93	29,309.31

Job:1204-VV Sys Procurements (non VVSA)-GORANSON

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
122-030	SPEA VV Thermal Insulation	05JUL05	43	01SEP05	149		0.00	0.00
122-036.9	Award VV Insulation		0	01SEP05	149		0.00	0.00
122-037	VV Insulation Procurement WBS 122	02SEP05	89	16JAN06	149		0.00	109,262.90
122-031	Title III engr WBS 122	01MAR05*	177	04NOV05	168		0.00	21,952.83
123-030	SPEA VV Heating & Cooling	05JUL05	43	01SEP05	171		0.00	0.00
123-036.9	Award VV Heating/Cooling Distribution		0	01SEP05	171		0.00	0.00
123-037	VV Heating/Cooling Distr Procurement WBS 123	02SEP05	43	01NOV05	171		0.00	318,062.40
123-041	VV Heating/Cooling Fab/Assy WBS 123	07SEP05	40	01NOV05	211		0.00	14,757.60
123-031	Title III engr WBS 123	25APR05	135	01NOV05	171		0.00	8,411.76
124-030	SPEA VV Supports	03MAY05	43	01JUL05	316		0.00	0.00
124-036.9	Award VV Supports		0	01JUL05	320		0.00	0.00
124-037	VV Supports Procurement WBS 124	05JUL05	100	21NOV05	320		0.00	31,089.00
124-041	VV Supports Fab/assy WBS 124	22NOV06	20	21DEC06	69		0.00	699.30
124-031	Title III engr WBS 124	03OCT05*	165	01JUN06	209		0.00	9,176.00
125-015	Title III design Local I&C	01SEP05*	61	28NOV05	154		0.00	2,650.32



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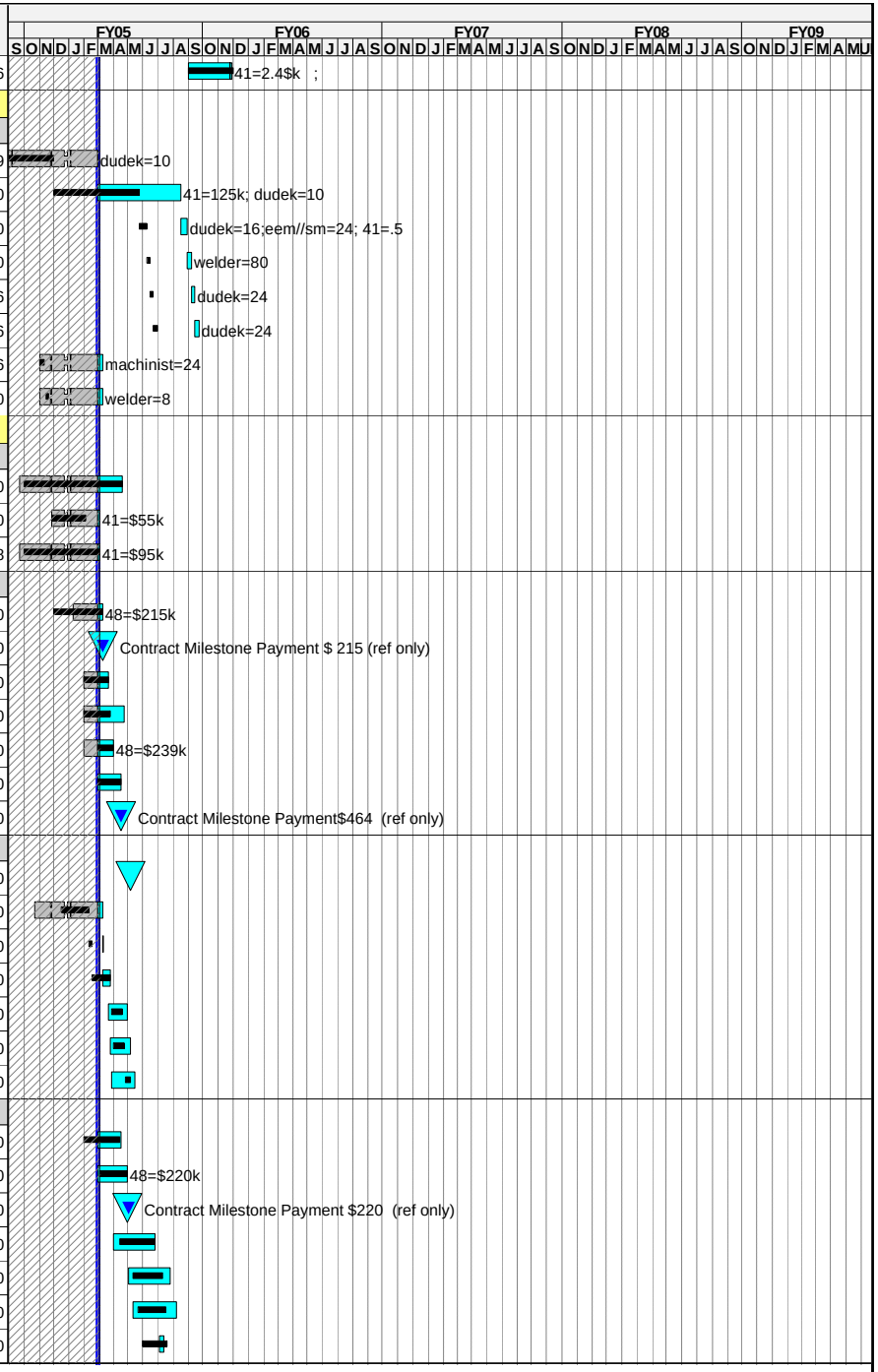
- december status
- xECP24
- Progress Bar
- Critical Activity

0502

NCSX
ECP 24
MARCH 1 Status

Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
125-037	Procurement Local I&C	02SEP05*	60	28NOV05	154		0.00	3,179.16
Job: 1206 - VV Field Weld Joint R&D-DUDEK								
Vessel Weld Joint R&D								
1202-848	Bid,eval,award full size test sample *ECP6*	29APR04A	210*			LOE	1,644.09	1,644.09
1202-851	vendor fab & deliver full size sample *ECP6*	01MAR05	120	15AUG05	1,041		0.00	175,299.90
1202-854	Instrument sample *ECP6*	16AUG05	11	30AUG05	1,041		0.00	5,986.50
1202-857	Perform welds on sample *ECP6*	31AUG05	5	06SEP05	1,041		0.00	8,707.20
1202-860	Measure Results *ECP6*	07SEP05	6	14SEP05	1,041		0.00	4,019.76
1202-863	Report Results *ECP6*	15SEP05	5	21SEP05	1,041		0.00	4,019.76
1206-100	Prep Sample	01NOV04A	90*	11MAR05	1,179	50	1,306.08	2,612.16
1206-110	Weld	01NOV04A	90*	11MAR05	1,179	50	318.20	636.40
Job: 1250 - Vacuum Vessel Fabrication-VIOLA								
Start Up/Engineering								
VVSA-001	Process Order	24SEP04A	142*	18APR05	1,153	70	0.00	0.00
VVSA-021	Sect 5.1.2 Fiducials	29NOV04A	67*	04MAR05	1,184	98	74,867.10	76,395.00
VVSA-031	Sect 5.1.3 Proc Outline & Asc Procedures	24SEP04A	111*	04MAR05	1,184	85	111,743.45	131,462.88
Dies & Gages								
VVSA-051	Procure Die Materials (4 sets)	10JAN05A	43*	09MAR05	259	95	204,250.00	215,000.00
121-100	S005243 #1-Die Material Procured		0	09MAR05	1,181		0.00	0.00
VVSA-061	Machine Complete	01FEB05A	37*	23MAR05	249	24	0.00	0.00
VVSA-071	Deburr	01FEB05A	38	21APR05	228	10	0.00	0.00
VVSA-081	Inspection	01FEB05A	42*	30MAR05	244	4	9,560.00	239,000.00
VVSA-091	Development Panels (9 panels)	01MAR05*	34*	15APR05	232		0.00	0.00
121-115	S005243 #4-Dies Manufactured		0	15APR05	1,154		0.00	0.00
Fixture (2) 60 degree								
VVA-152	Inspection Second		0	06MAY05*	1,139		0.00	0.00
VVSA-101	Engineering	25OCT04A	93*	09MAR05	342	98	0.00	0.00
VVSA-111	Procure Materials	10MAR05*	0*	09MAR05	342		0.00	0.00
VVSA-121	Fab & Machine	10MAR05*	12*	25MAR05	342		0.00	0.00
VVSA-131	Assemble	22MAR05*	29*	29APR05	1,142		0.00	0.00
VVSA-141	Deburr	25MAR05*	31*	06MAY05	1,139		0.00	0.00
VVSA-151	Inspection First	30MAR05*	33*	13MAY05	340		0.00	0.00
Fixture (3) 120 degree								
VVSA-161	Engineering	01MAR05*	34*	15APR05	1,125	10	0.00	0.00
VVSA-171	Procure Materials	01MAR05*	44*	29APR05	1,125		0.00	220,000.00
121-110	S005243 #3-Fixture material procured		0	29APR05	1,144		0.00	0.00
VVSA-181	Fab & Machine	01APR05*	60*	23JUN05	1,102		0.00	0.00
VVSA-191	Assemble	04MAY05*	59*	25JUL05	1,079		0.00	0.00
VVSA-201	Deburr	12MAY05*	63*	08AUG05	1,073		0.00	0.00
VVSA-211	Inspection -	04JUL05*	9*	14JUL05	330		0.00	0.00



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- december status
- xECP24
- Progress Bar
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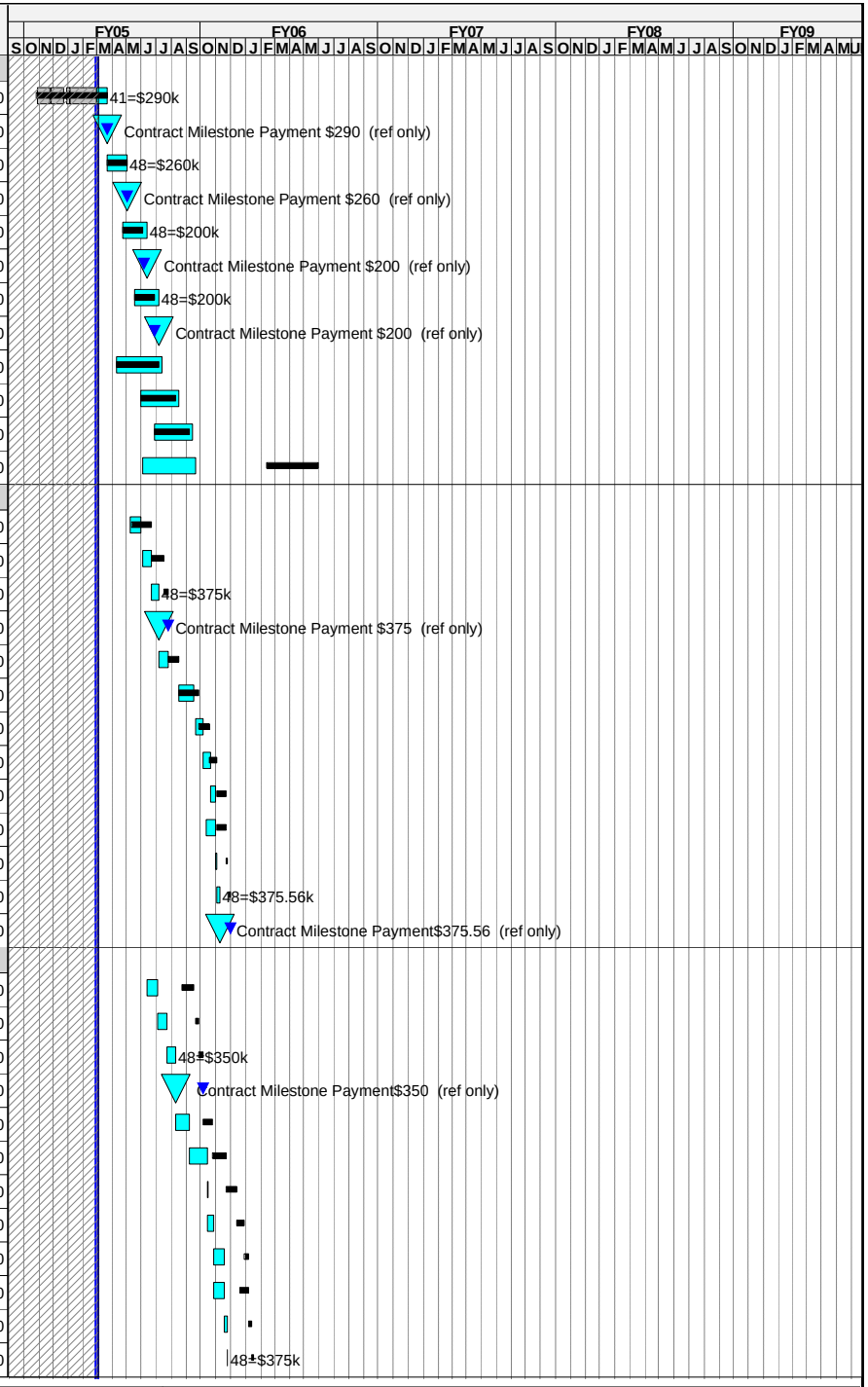
MARCH 1 Status

Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
Panels & Ports								
VVSA-221	Procure Vessel Material	29OCT04A	97*	21MAR05	221	75	302,107.50	402,810.00
121-105	S005243 #2-Vessel material procured		0	21MAR05*	1,173		0.00	0.00
VVSA-231	Production Panels Period #1	22MAR05	30*	02MAY05	221		0.00	260,000.00
121-120	S005243 #5-1/3 of Vessel plates formed		0	02MAY05*	1,143		0.00	0.00
VVSA-241	Production Panels Period #2	22APR05*	36*	10JUN05	235		0.00	200,000.00
121-125	S005243 #6-Second 1/3 of vsl plates formed		0	10JUN05*	1,114		0.00	0.00
VVSA-251	Production Panels Period #3	17MAY05*	36*	05JUL05	303		0.00	200,000.00
121-130	S005243 #7-Last 1/3 of vsl plates formed		0	05JUL05*	1,097		0.00	0.00
VVSA-261	Port Ext, Misc HW Period #1	11APR05*	67*	12JUL05	192		0.00	0.00
VVSA-271	Port Ext, Misc HW Period #2	30MAY05*	57*	16AUG05	252		0.00	0.00
VVSA-281	Port Ext, Misc HW Period #3	27JUN05*	57*	13SEP05	320		0.00	0.00
VVSA-291	Spacer & port Ext	03JUN05*	77*	19SEP05	369		0.00	0.00
First 120 deg segment								
VVSA-301	1st 60 deg segment	10MAY05*	15*	30MAY05	186		0.00	0.00
VVSA-311	2nd 60 deg segment	03JUN05*	12*	20JUN05	183		0.00	0.00
VVSA-321	Join two pieces	21JUN05*	11*	05JUL05	183		0.00	375,000.00
121-135	S005243 #8-One VVSA fabricated		0	05JUL05*	1,097		0.00	0.00
VVSA-331	Machine for Ports	06JUL05*	14*	25JUL05	183		0.00	0.00
VVSA-341	Weld Ports	16AUG05*	24*	16SEP05	168		0.00	0.00
VVSA-351	Final Machine (not required)	19SEP05*	14*	06OCT05	168		0.00	0.00
VVSA-361	Vacuum Test	07OCT05*	10*	20OCT05	168		0.00	0.00
VVSA-371	Cut Off Ports	21OCT05*	7*	31OCT05	168		0.00	0.00
VVSA-371A	**change order -mark stud locations**	11OCT05	15	31OCT05	168		0.00	0.00
VVSA-381	Pack for Shipping LI#4	01NOV05*	2*	02NOV05	168		0.00	0.00
VVSA-391	Receive at PPPL	03NOV05*	3*	07NOV05	168		0.00	375,560.00
121-150	S005243 #11-Receipt/Acceptance of 1st VVSA		0	07NOV05*	1,008		0.00	0.00
Second 120 deg segment								
VVSA-401	60 deg segment	13JUN05*	16*	04JUL05	235		0.00	0.00
VVSA-411	60 deg segment	05JUL05*	13*	21JUL05	235		0.00	0.00
VVSA-421	Join two pieces	22JUL05*	15*	11AUG05	235		0.00	350,000.00
121-140	S005243 #9-Second VVSA fabricated		0	11AUG05*	1,070		0.00	0.00
VVSA-431	Machine for Ports	12AUG05	20*	08SEP05	235		0.00	0.00
VVSA-441	Weld Ports	09SEP05	25*	13OCT05	235		0.00	0.00
VVSA-451	Final Machine (not Required)	14OCT05	0	13OCT05	235		0.00	0.00
VVSA-461	Vacuum Test	14OCT05	10*	27OCT05	235		0.00	0.00
VVSA-471	Cut Off Ports	28OCT05	15*	17NOV05	235		0.00	0.00
VVSA-471A	**change order -mark stud locations**	28OCT05	15	17NOV05	235		0.00	0.00
VVSA-481	Pack for Shipping LI#4	18NOV05	4*	23NOV05	235		0.00	0.00
VVSA-491	Receive at PPPL	24NOV05	2	25NOV05	235		0.00	375,000.00



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- december status
- xECP24
- Progress Bar
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0502

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ECP 24
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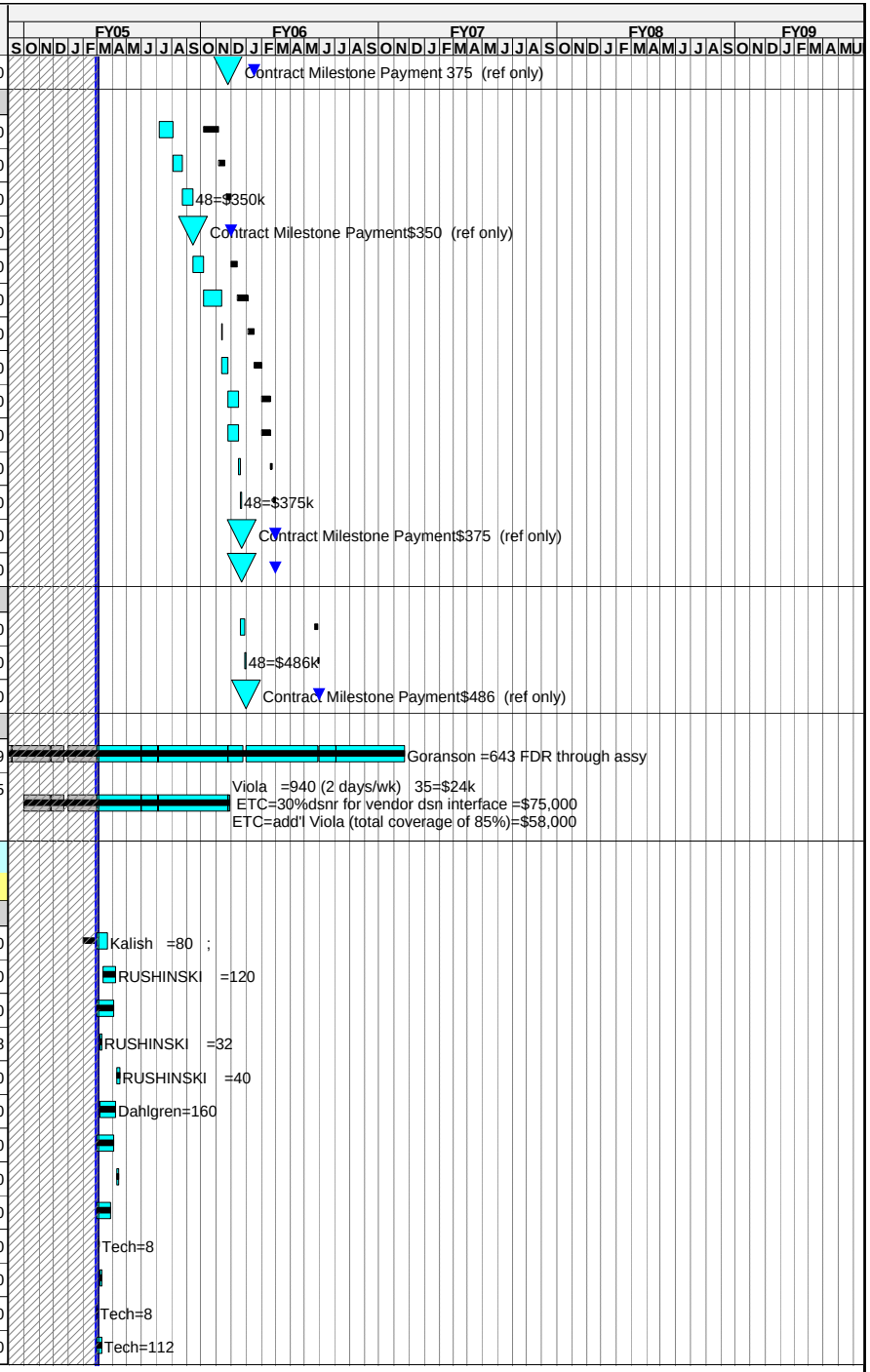
Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
121-155	S005243 #12-Receipt /Acceptance of 2nd VVSA		0	25NOV05*	994		0.00	0.00
Third 120 deg segment								
VVSA-501	60 deg segment	06JUL05*	21*	03AUG05	303		0.00	0.00
VVSA-511	60 deg segment	04AUG05	13*	22AUG05	303		0.00	0.00
VVSA-521	Join two pieces	23AUG05*	15*	12SEP05	303		0.00	350,000.00
121-145	S005243 #10-Third VVSA fabricated		0	12SEP05*	1,048		0.00	0.00
VVSA-531	Machine for Ports	13SEP05	18*	06OCT05	303		0.00	0.00
VVSA-541	Weld Ports	07OCT05	25*	10NOV05	303		0.00	0.00
VVSA-551	Final Machine (not required)	11NOV05	0	10NOV05	303		0.00	0.00
VVSA-561	Vacuum Test	11NOV05	10*	24NOV05	303		0.00	0.00
VVSA-571	Cut Off Ports	25NOV05	15	15DEC05	303		0.00	0.00
VVSA-571A	**change order -mark stud locations**	25NOV05	15	15DEC05	303		0.00	0.00
VVSA-581	Pack for Shipping LI#4	16DEC05	3	20DEC05	303		0.00	0.00
VVSA-591	Receive at PPPL	21DEC05	2	22DEC05	303		0.00	375,000.00
121-160	S005243 #13-Receipt/Acceptance of 3rd VVSA		0	22DEC05*	975		0.00	0.00
121-038.1	All Vacuum Vessel Sections (3) Delivered		0	22DEC05	303		0.00	0.00
Ship Tooling								
VVSA-601	Pack Tooling for PPPL	21DEC05	5	27DEC05	968		0.00	0.00
VVSA-611	PPPL Receive Tooling	28DEC05	4	02JAN06	968		0.00	486,000.00
121-165	S005243 #14-Delivefy of tooling,dies,fixtures		0	02JAN06*	968		0.00	0.00
121-031	VVSA Title III engr	21MAY04A	631*	22NOV06	727	LOE	28,246.75	93,223.59
121-033	VVSA Contract oversight FY05 & FY06	01OCT04A	290*	28NOV05	976	LOE	68,050.42	199,561.35
13 - Conventional Coils								
Job: 1301 - TF Design-KALISH								
Final Design								
133-010	Design WBS 134 Conv Coil I&C	01MAR05*	16	22MAR05	170		0.00	13,431.20
1301FD-01	TF Detailed Drawings	14MAR05	20	08APR05	152		0.00	20,146.80
1301FD-02	Develop Subassembly Process	01MAR05*	25	04APR05	157		0.00	0.00
1301FD-03	Layout Subassembly Fixture	08MAR05	4	11MAR05	152		0.00	5,372.48
1301FD-04	Final Drawing Check	11APR05	5	15APR05	152		0.00	6,715.60
1301FD-05	Anaylsis Check	07MAR05	25	08APR05	153		0.00	26,862.40
1301FD-06	Complete ICDs	01MAR05*	25	04APR05	157		0.00	0.00
1301FD-07	TF FDR Preperations	11APR05	4	14APR05	153		0.00	0.00
1301FD-08	Resolove Chits	01MAR05*	20	28MAR05	162		0.00	0.00
1301FD-09	Electrical Test 1st Sample	03MAR05*	2	04MAR05	142		0.00	636.40
1301FD-10	Ship 1st Sample	07MAR05	5	11MAR05	142		0.00	0.00
1301FD-11	Machine Copper Bars 2nd Sample	01MAR05*	1	01MAR05	150		0.00	636.40
1301FD-12	Turn to Turn and Ground Wrap 2nd Sample	02MAR05	7	10MAR05	150		0.00	8,909.60



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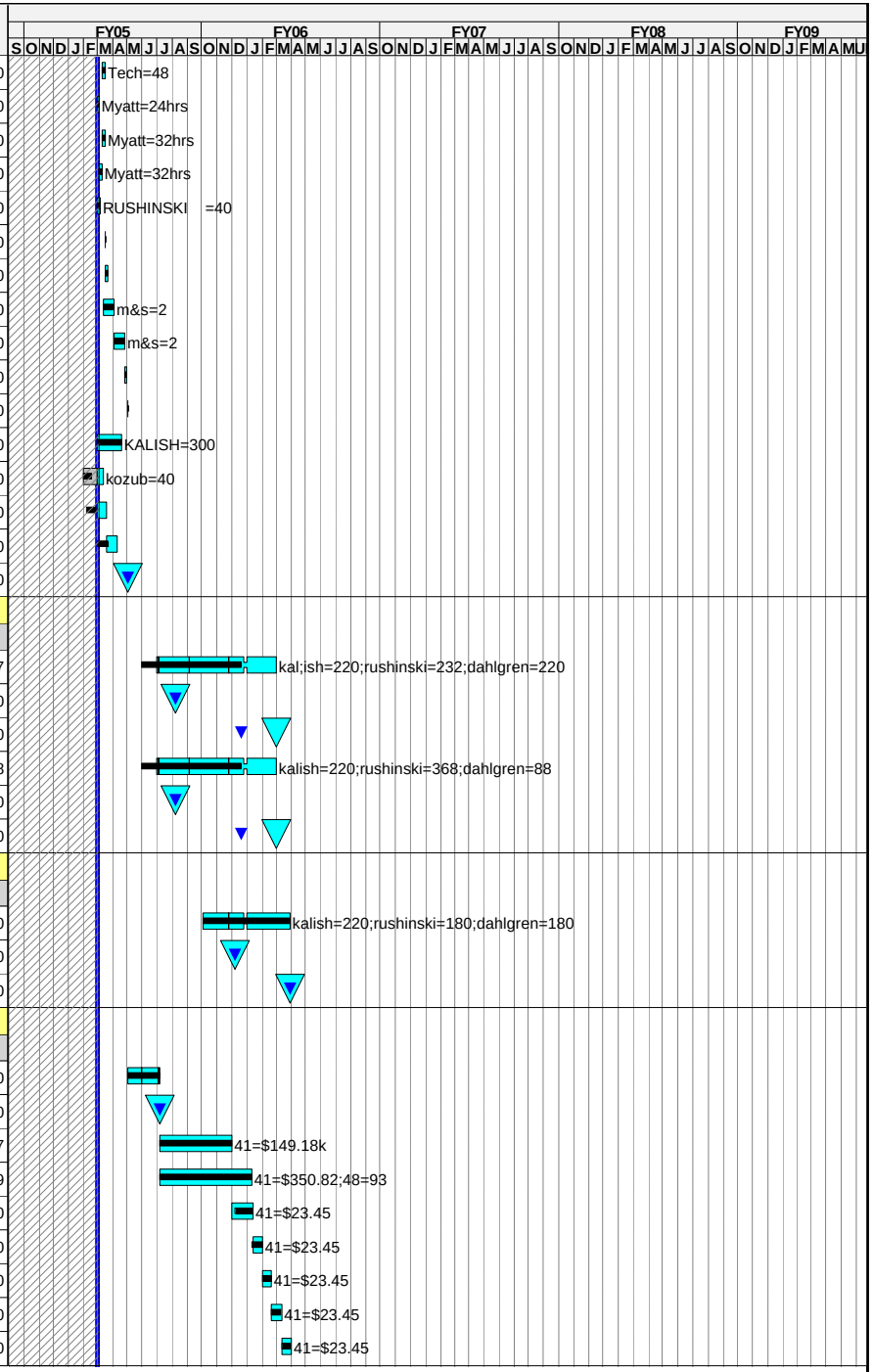
Progress Bar
Critical Activity

0502

NCSX
ECP 24
MARCH 1 Status

Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
1301FD-13	Impregnate and Complete Sample 2nd Sample	11MAR05	3	15MAR05	150		0.00	3,818.40
1301FD-14	Update Analysis for Front Puller	01MAR05*	3	03MAR05	171		0.00	4,167.00
1301FD-15	Lead Transition Stress Analysis	10MAR05	4	15MAR05	171		0.00	5,556.00
1301FD-16	Honeycomb InsulationStress Analysis	04MAR05	4	09MAR05	171		0.00	5,556.00
1301FD-17	Resolve Tolerance Issues	01MAR05*	5	07MAR05	152		0.00	6,715.60
1301FD-18	Electrical Test 2nd Sample	16MAR05	1	16MAR05	150		0.00	0.00
1301FD-19	Ship 2nd Sample	17MAR05	5	23MAR05	150		0.00	0.00
1301FD-20	Test 1st Sample	14MAR05	16	04APR05	142		0.00	20,446.80
1301FD-21	Test 2nd Sample	05APR05	16	26APR05	142		0.00	20,446.80
1301FD-22	Evaluate Results	27APR05	3	29APR05	142		0.00	0.00
1301FD-23	FDR	02MAY05	1	02MAY05	142		0.00	0.00
1301FD-50	Engineering	01MAR05*	35	18APR05	152		0.00	50,367.00
1301R-12	Build Test Fixture	01FEB05A	30*	14MAR05	1,157	50	3,357.80	6,715.60
1301R-37	Prepare Coil Spec	01MAR05*	14	18MAR05	1,137		0.00	0.00
1301R-31	Review and Approve Coil Spec	21MAR05*	16	11APR05	1,137		0.00	0.00
131-012	WBS 13 TF FDR		0	02MAY05*	141		0.00	0.00
Job: 1302 - PF and CS Design -KALISH								
1302-PF	PF Design	01JUL05*	164	01MAR06	205		0.00	114,186.57
141-012	PF 1-6 PDR		0	08AUG05*	294		0.00	0.00
141-013	PF 1-6 FDR		0	01MAR06	205		0.00	0.00
1302-CSS	Center Stack Support Design	01JUL05*	165	02MAR06	155		0.00	114,871.58
1301-136	CS Support PDR		0	08AUG05*	1,048		0.00	0.00
1301-137	CS Support FDR		0	02MAR06	155		0.00	0.00
Job: 1303 - Trim coil Design-KALISH								
1303-TRIM	Trim Coil Design	03OCT05*	119	28MAR06	208		0.00	99,307.60
1303-136	Trim Coil PDR		0	08DEC05*	963		0.00	0.00
1303-137	Trim Coil FDR		0	28MAR06	208		0.00	0.00
Job: 1351 - TF Coil Procurement-KALISH								
TF Coil Fabrication								
131-034	Bid & Evaluate TF Coils	03MAY05*	45	06JUL05	141		0.00	0.00
131-035	TF Coils Awarded		0	06JUL05*	141		0.00	0.00
1351-100	Tooling	07JUL05	106	01DEC05	150		0.00	191,288.17
1351-105	materials & leads	07JUL05	135	11JAN06	151		0.00	537,774.79
1351-110	Wind,wrap,VPI & test TF #1	02DEC05	30	12JAN06	150		0.00	23,450.00
1351-115	Wind,wrap,VPI & test TF #2	13JAN06	14	01FEB06	150		0.00	23,450.00
1351-120	Wind,wrap,VPI & test TF #3	02FEB06	14	21FEB06	150		0.00	23,450.00
1351-125	Wind,wrap,VPI & test TF #4	22FEB06	14	13MAR06	150		0.00	23,450.00
1351-130	Wind,wrap,VPI & test TF # 5	14MAR06	14	31MAR06	150		0.00	23,450.00



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- december status
- xECP24
- Progress Bar
- Critical Activity

0502

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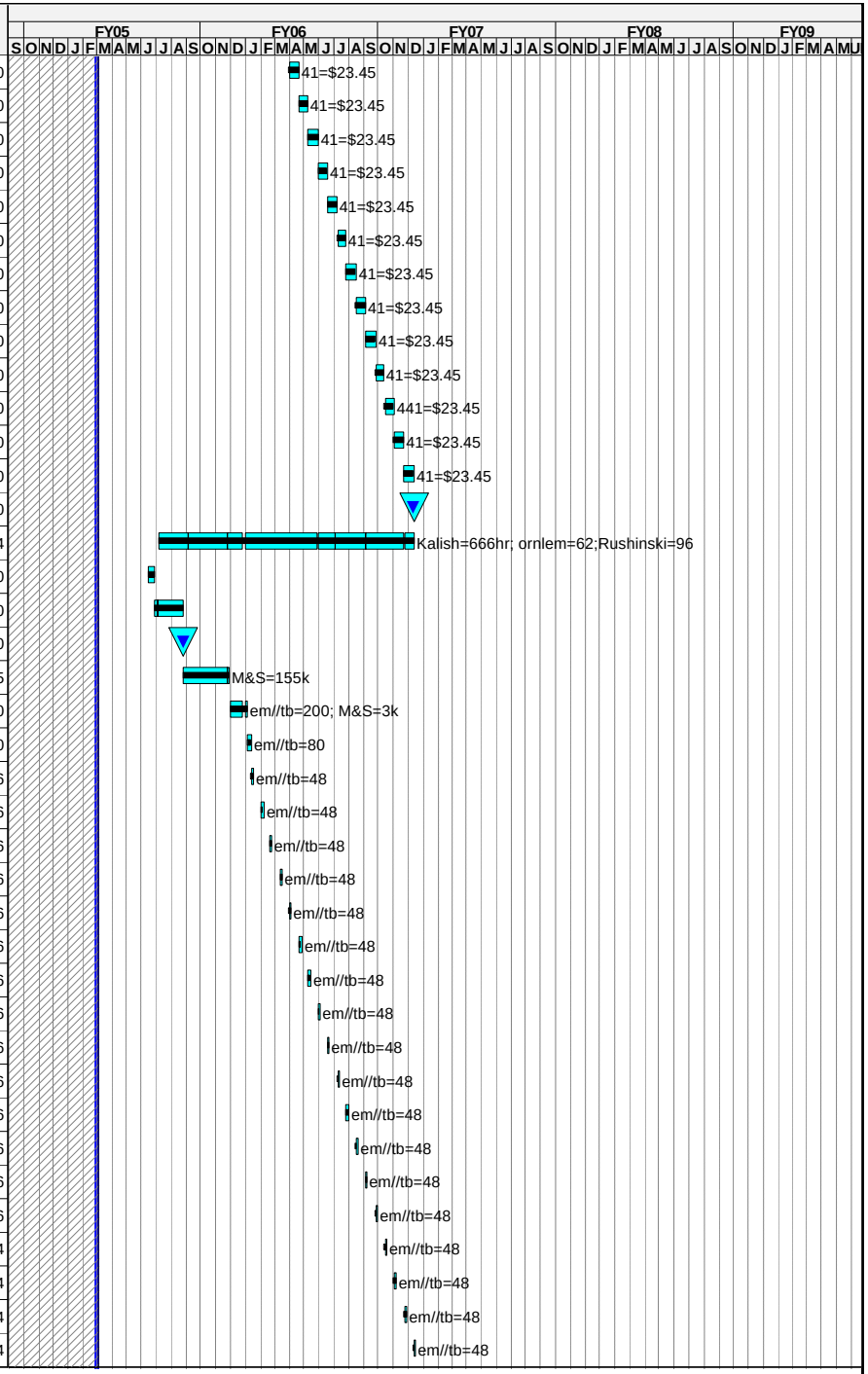
ECP 24
MARCH 1 Status

Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
1351-135	Wind,wrap,VPI & test TF # 6	03APR06	14	20APR06	150		0.00	23,450.00
1351-140	Wind,wrap,VPI & test TF # 7	21APR06	14	10MAY06	150		0.00	23,450.00
1351-145	Wind,wrap,VPI & test TF # 8	11MAY06	14	30MAY06	150		0.00	23,450.00
1351-150	Wind,wrap,VPI & test TF # 9	31MAY06	14	19JUN06	150		0.00	23,450.00
1351-155	Wind,wrap,VPI & test TF # 10	20JUN06	14	07JUL06	150		0.00	23,450.00
1351-160	Wind,wrap,VPI & test TF # 11	10JUL06	14	27JUL06	150		0.00	23,450.00
1351-165	Wind,wrap,VPI & test TF # 12	28JUL06	14	16AUG06	150		0.00	23,450.00
1351-170	Wind,wrap,VPI & test TF # 13	17AUG06	14	05SEP06	150		0.00	23,450.00
1351-175	Wind,wrap,VPI & test TF # 14	06SEP06	14	25SEP06	150		0.00	23,450.00
1351-180	Wind,wrap,VPI & test TF # 15	26SEP06	14	13OCT06	150		0.00	23,450.00
1351-185	Wind,wrap,VPI & test TF # 16	16OCT06	14	02NOV06	150		0.00	23,450.00
1351-190	Wind,wrap,VPI & test TF # 17	03NOV06	14	22NOV06	150		0.00	23,450.00
1351-195	Wind,wrap,VPI & test TF # 18	23NOV06	14	12DEC06	150		0.00	23,450.00
131-038	All TF Coils Delivered		0	12DEC06	150		0.00	0.00
131-031	Title III engr	07JUL05*	361	13DEC06	710		0.00	140,156.24
1351-85A	Prep Spec and Req for TF castings	15JUN05	10	28JUN05	251		0.00	0.00
1351-85B	Bid & Award TF Castings	29JUN05	40	24AUG05	251		0.00	0.00
1351-85C	Award TF Castings		0	24AUG05*	251		0.00	0.00
1351-85D	Vendor Fab TF Castings	25AUG05	66	28NOV05	251		0.00	195,617.05
1301-86	Fab/Assemble Fixture	02DEC05	19	05JAN06	224		0.00	19,869.00
1301-88	Setup Wedge Casting Fixture	06JAN06	5	12JAN06	224		0.00	6,489.60
1351-110A	Assemble TF to Wedge Casting TF#1	13JAN06	3	17JAN06	224		0.00	3,893.76
1351-115A	Assemble TF to Wedge Casting TF#2	02FEB06	3	06FEB06	312		0.00	3,893.76
1351-120A	Assemble TF to Wedge Casting TF#3	22FEB06	3	24FEB06	301		0.00	3,893.76
1351-125A	Assemble TF to Wedge Casting TF#4	14MAR06	3	16MAR06	291		0.00	3,893.76
1351-130A	Assemble TF to Wedge Casting TF#5	03APR06	3	05APR06	280		0.00	3,893.76
1351-135A	Assemble TF to Wedge Casting TF#6	21APR06	3	25APR06	269		0.00	3,893.76
1351-140A	Assemble TF to Wedge Casting TF#7	11MAY06	3	15MAY06	259		0.00	3,893.76
1351-145A	Assemble TF to Wedge Casting TF#8	31MAY06	3	02JUN06	249		0.00	3,893.76
1351-150A	Assemble TF to Wedge Casting TF#9	20JUN06	3	22JUN06	238		0.00	3,893.76
1351-155A	Assemble TF to Wedge Casting TF#10	10JUL06	3	12JUL06	229		0.00	3,893.76
1351-160A	Assemble TF to Wedge Casting TF#11	28JUL06	3	01AUG06	218		0.00	3,893.76
1351-165A	Assemble TF to Wedge Casting TF#12	17AUG06	3	21AUG06	207		0.00	3,893.76
1351-170A	Assemble TF to Wedge Casting TF#13	06SEP06	3	08SEP06	198		0.00	3,893.76
1351-175A	Assemble TF to Wedge Casting TF#14	26SEP06	3	28SEP06	187		0.00	3,893.76
1351-180A	Assemble TF to Wedge Casting TF#15	16OCT06	3	18OCT06	176		0.00	4,088.64
1351-185A	Assemble TF to Wedge Casting TF#16	03NOV06	3	07NOV06	166		0.00	4,088.64
1351-190A	Assemble TF to Wedge Casting TF#17	27NOV06	3	29NOV06	155		0.00	4,088.64
1351-195A	Assemble TF to Wedge Casting TF#18	13DEC06	3	15DEC06	146		0.00	4,088.64



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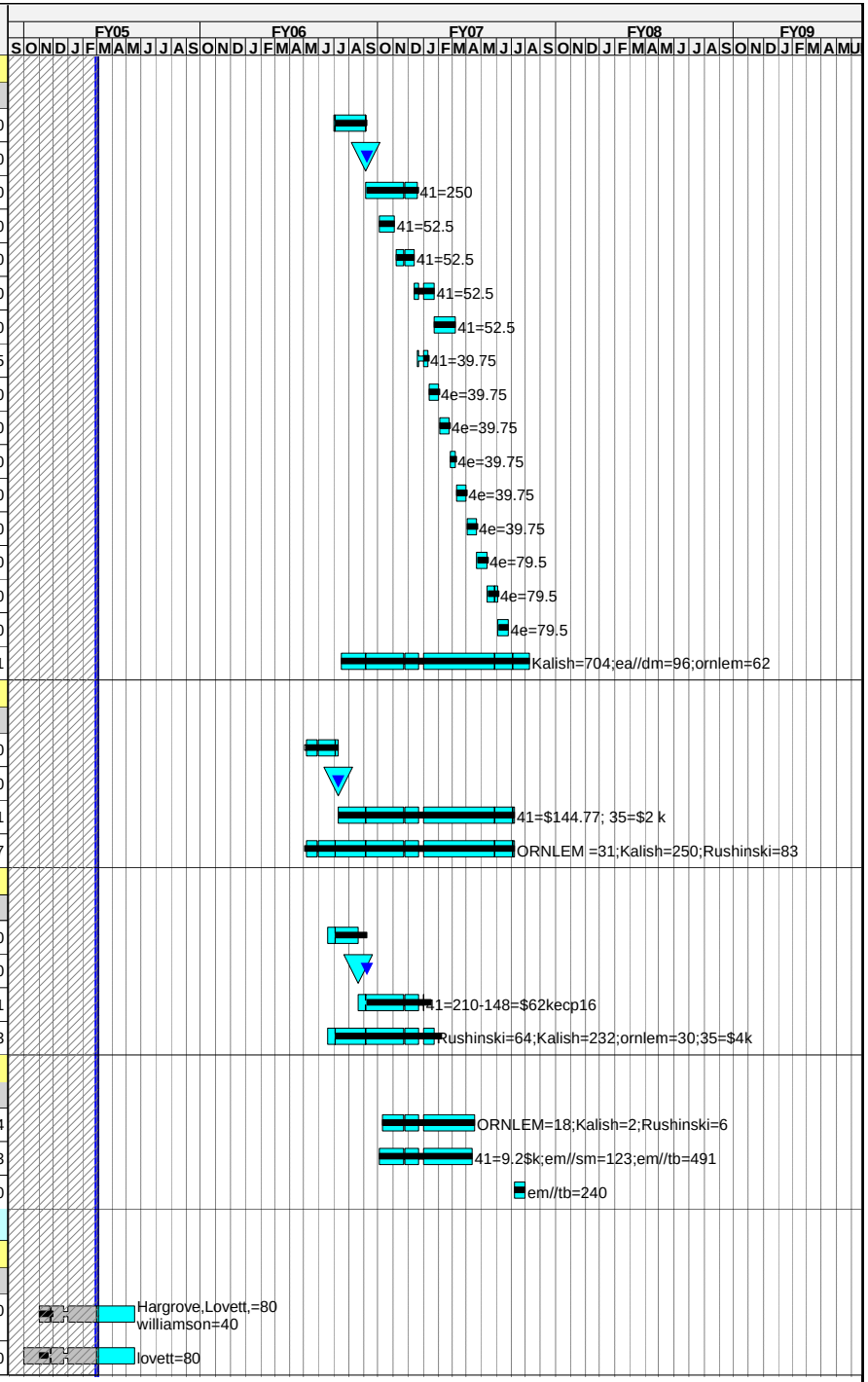
december status
xECP24
Progress Bar
Critical Activity

0502

NCSX
ECP 24
MARCH 1 Status

Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
Job: 1352 - PF Coil Procurement-KALISH								
PF Coil Fabrication								
141-035	Bid & Award PF Coils	03JUL06*	45	05SEP06	119		0.00	0.00
141-036	PF Coils Awarded		0	05SEP06	119		0.00	0.00
1352-100	Material & leads	06SEP06	75	21DEC06	119		0.00	329,150.00
1352-110	Tooling for PF 4	02OCT06*	25	03NOV06	136		0.00	69,562.50
1352-115	Tooling for PF 5	06NOV06	25	12DEC06	136		0.00	69,562.50
1352-120	Tooling for PF 6	13DEC06	25	24JAN07	151		0.00	69,562.50
1352-105	Tooling for PF 1,2 and 3	25JAN07	30	07MAR07	151		0.00	69,562.50
1352-140	Fabricate/Dlvr PF 4 lower	22DEC06	10	12JAN07	119		0.00	52,668.75
1352-145	Fabricate/Dlvr PF 5 lower	15JAN07	15	02FEB07	119		0.00	43,009.50
1352-150	Fabricate/Dlvr PF 6 lower	05FEB07	15	23FEB07	119		0.00	43,009.50
1352-155	Fabricate/Dlvr PF 4 upper	26FEB07	10	09MAR07	119		0.00	43,009.50
1352-160	Fabricate/Dlvr PF 5 upper	12MAR07	15	30MAR07	119		0.00	43,009.50
1352-165	Fabricate/Dlvr PF 6 upper	02APR07	15	20APR07	119		0.00	43,009.50
1352-125	Fabricate/Dlvr PF 1 upper & lower	23APR07	15	11MAY07	119		0.00	86,019.00
1352-130	Fabricate/Dlvr PF 2 upper & lower	14MAY07	15	04JUN07	119		0.00	86,019.00
1352-135	Fabricate/Dlvr PF 3 upper & lower	05JUN07	15	25JUN07	119		0.00	86,019.00
141-031	Title III engr WBS 132	17JUL06*	268	09AUG07	547		0.00	151,940.41
Job: 1353 - CS Structure Procurement-KALISH								
CS Support Structure								
163-035	Bid & Award CS Support Struct	05MAY06	45	10JUL06	110		0.00	0.00
163-036.9	Award CS Support Structure		0	10JUL06*	110		0.00	0.00
163-037	CS Support Structure Procurement/Fab	11JUL06*	249	09JUL07	110		0.00	194,263.41
163-015	Title III design CS sprt struc	05MAY06	294	09JUL07	570		0.00	63,581.97
Job: 1354 - Trim Coil Procurement-KALISH								
Trim Coils								
184-035	Bid & Award Ext Trim Coils	19JUN06	45	21AUG06	151		0.00	0.00
184-036	Award External Trim Coils		0	21AUG06*	151		0.00	0.00
184-037	External Trim Coil Procurement/Fab*ecp16	22AUG06	87	02JAN07	151		0.00	81,451.61
184-015	Title III WBS 133 Rxt Trim Coils	19JUN06	147	23JAN07	687		0.00	63,627.23
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	3,842.74
133-037	Conv Coil I&C WBS 134 Proc & Install	02OCT06*	130	11APR07	173		0.00	68,349.03
1355-100	CS and PF 1-3 Pre-Assy incl coil I&C procurement	10JUL07	15	30JUL07	110		0.00	20,443.20
14 - Modular Coils								
Job: 1403 - Modular Coil Final Design-WILLIAMSON								
Coil-to-coil Interface Design								
1403-11.1	Compl assembly / interface drawings for ICDs	01NOV04A	133*	16MAY05	120	50	14,724.00	29,448.00
1403-16	Assembly bolts, nuts,washers	01OCT04A	154*	16MAY05	120	50	5,889.60	11,779.20



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- december status
- xECP24
- Progress Bar
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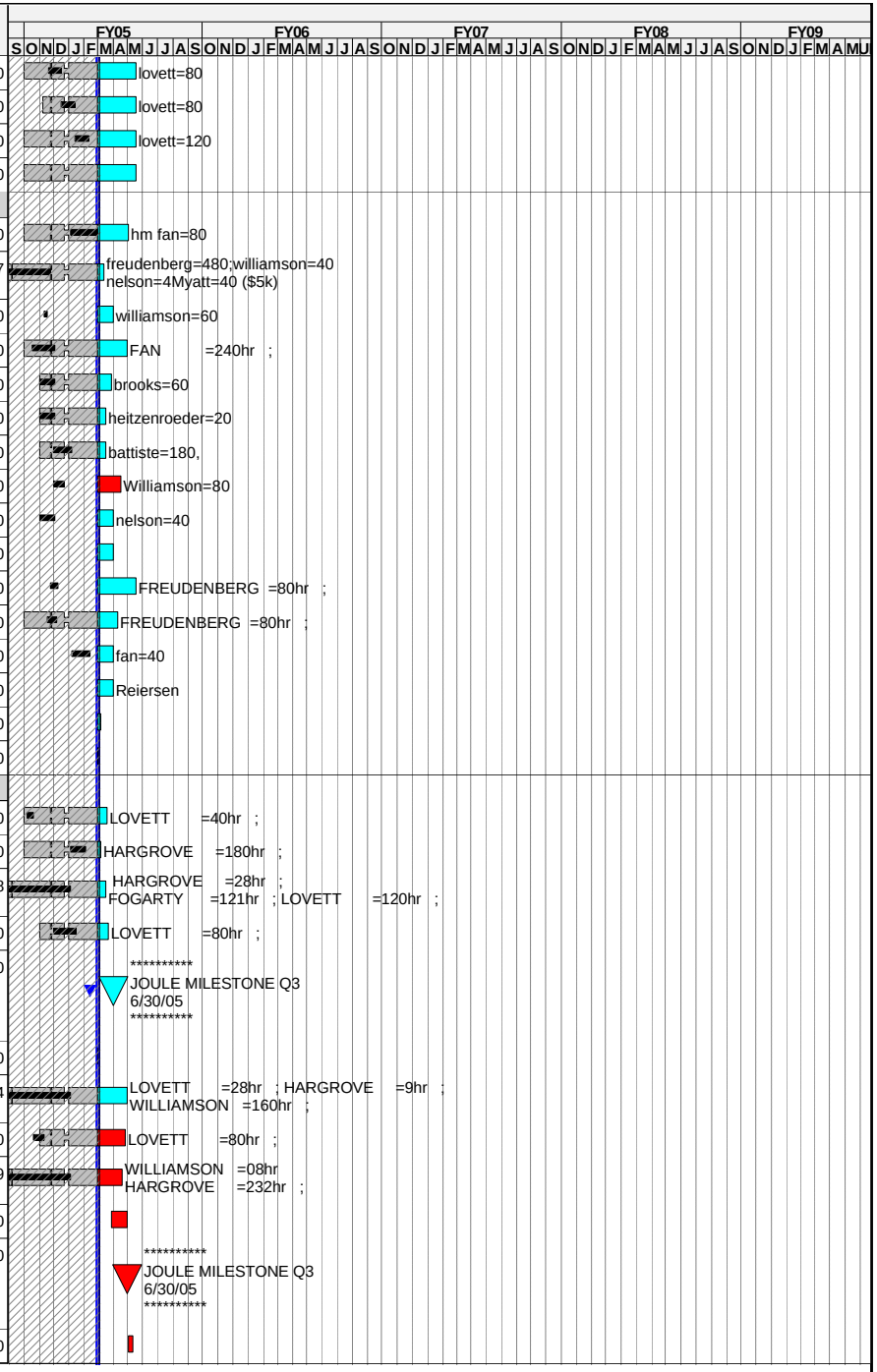
0502

NCSX
ECP 24
MARCH 1 Status

Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
1403-17	Assembly shims	01OCT04A	154*	16MAY05	120	50	5,889.60	11,779.20
1403-18	Eccentric ball assembly	08NOV04A	128*	16MAY05	120	50	5,889.60	11,779.20
1403-19	Top assembly dwgs for mod coil shell	01OCT04A	154*	16MAY05	120	50	8,834.40	17,668.80
1403-19A	Bladder Details	01OCT04A	154*	16MAY05	120	50	0.00	0.00
MCWF & Winding Analysis/Testing								
1403-90	Compile Material properties database	01OCT04A	144*	02MAY05	1,122	90	12,088.08	13,431.20
1403-40.2Z	Update nonlinear winding pack analysis	01AUG04A	152*	14MAR05	1,157	80	64,619.18	80,773.97
1403-42H	calculate EM loads at leads	01MAR05*	24*	01APR05	105	60	5,300.64	8,834.40
1403-74	check analysis using simplified models	01OCT04A	143*	29APR05	1,123	70	36,264.24	40,293.60
1403-42D	Fracture fatigue analysis for MCWF	01NOV04A	98*	28MAR05	1,147	50	5,036.70	10,073.40
1403-42D.0	Determine Fatigue properties	01NOV04A	89*	15MAR05	1,156	50	1,678.90	3,357.80
1403-42F	Perform WP beam tests at ORNL	01NOV04A	89*	15MAR05	1,156	40	10,601.28	26,503.20
1403-47A	Update,review & approve FMECA	01MAR05*	34*	15APR05	88	10	588.96	5,889.60
1403-42A	WP beam bending results documentation	01MAR05*	24*	01APR05	105		0.00	5,889.60
1403-42A1	Document analysis of MCWF eddy currents	01MAR05*	22*	30MAR05	107		0.00	0.00
1403-73	Prep struct analysis report	01MAR05*	55*	16MAY05	1,112		0.00	11,779.20
1403-76	Structural analysis of leads	01OCT04A	129*	11APR05	1,137	50	5,889.60	11,779.20
1403-47C	Perform cool-down/warmup analysis	01MAR05*	22*	30MAR05	107		0.00	6,715.60
1403-49A	Check geometry basis of tech data spreadsheet	01MAR05	22*	30MAR05	107		0.00	0.00
1403-50A	Check inductance calculation	01MAR05	5	07MAR05	124		0.00	0.00
1403-99		01MAR05	0	28FEB05	1,167		0.00	0.00
Winding and Assembly Design-Type C								
1403-219	MCWF studs,modifications-Type C	01OCT04A	113*	18MAR05	115	90	5,300.64	5,889.60
1403-220	Cladding assembly-Type C	01OCT04A	104*	07MAR05	124	90	23,852.88	26,503.20
1403-201	Leads & crossover Dwgs (10)-Type C	01JAN04A	303*	17MAR05	116	90	32,815.87	36,462.08
1403-222	Terminal assembly-Type C	01NOV04A	95*	23MAR05	112	30	3,533.76	11,779.20
1403-20	Mod Coil Type C #1FDR [cladding,terminal hrdwr]		0	01APR05*	105		0.00	0.00
1403-20.01	ISSUE CLADDING & TERMINAL DWGS FOR FAB	01MAR05	1	01MAR05	128		0.00	0.00
1403-200	Winding & Insulation Dwgs (8)-Type C	01JAN04A	334*	29APR05	131	90	25,085.65	27,872.94
1403-221	Lead ends & closure-Type C	01NOV04A	118*	25APR05	82	30	3,533.76	11,779.20
1403-204	Chill Plate Dwgs (66)-Type C	01SEP04A	156*	19APR05	86	30	10,421.49	34,738.29
1403-206.1	Cooling tubes/services assy- Type C	28MAR05*	25*	29APR05	78	30	0.00	0.00
1403-20A	Mod Coil Type C #2FDR [chill plts,lead blocks]		0	29APR05*	78		0.00	0.00
1403-20.02	ISSUE CHILL PLATE & LEAD BLOCK DWGS FOR	02MAY05	9	12MAY05	78		0.00	0.00



Run Date **09MAR05 12:03**

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- december status
- xECP24
- Progress Bar
- Critical Activity

0502

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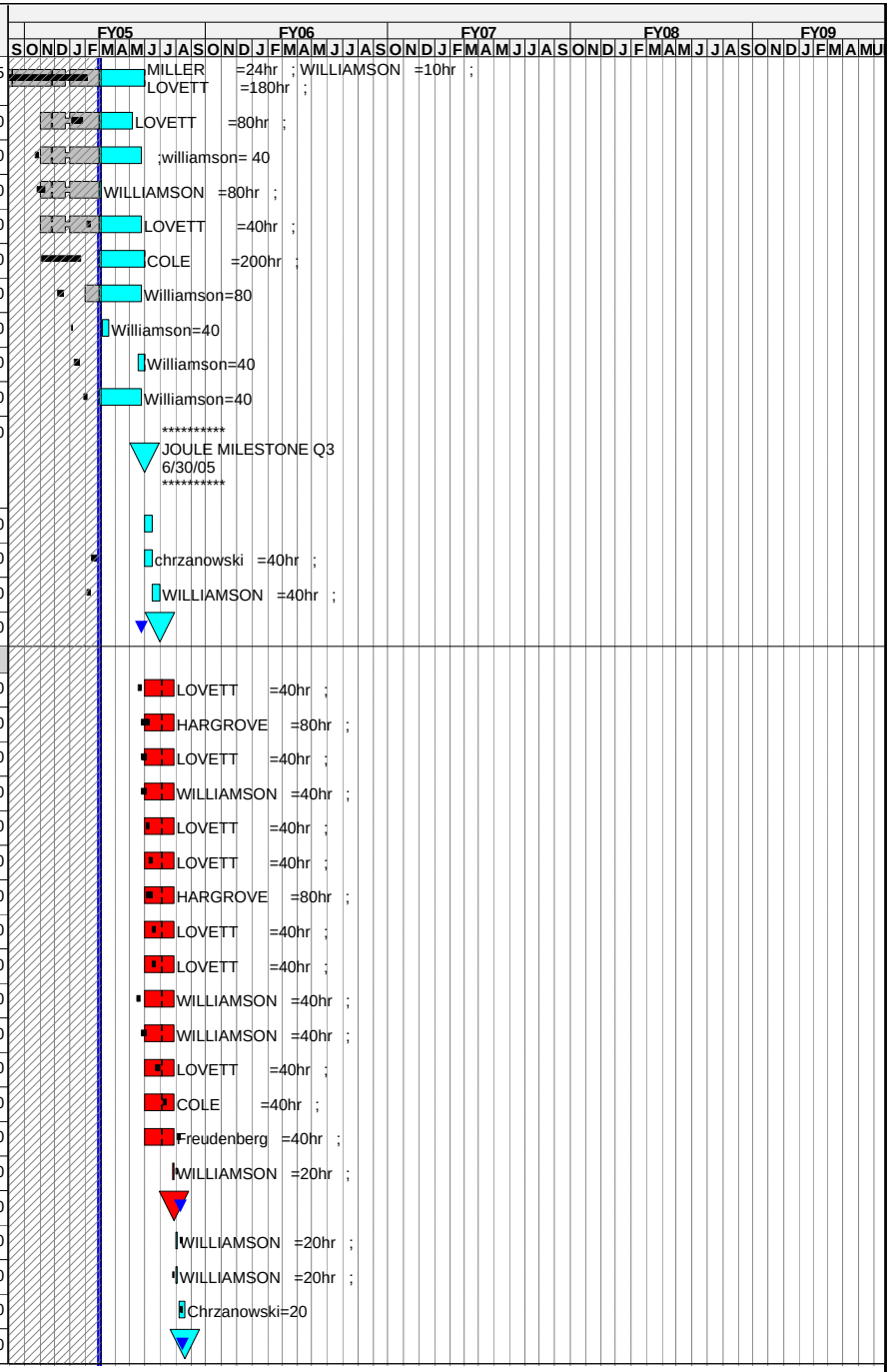
ECP 24
MARCH 1 Status

Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
1403-203	Clamp Dwgs (5)-Type C	01JAN04A	355*	31MAY05	110	70	20,561.48	29,373.55
1403-224	VPI mold assembly-Type C	01NOV04A	127*	06MAY05	126	30	3,533.76	11,779.20
1403-208	I&C Dwgs (1) -Type C	01NOV04A	139*	24MAY05	114	30	1,766.88	5,889.60
1403-206	Cooling, Electr Schematic Dwgs (1)- Type C	01NOV04A	81*	03MAR05	172	30	3,533.76	11,779.20
1403-223	Top level coil assembly-Type C	01NOV04A	139*	24MAY05	114	30	1,766.88	5,889.60
1403-58C	Check and promote models / drawings -Type C	01MAR05*	65*	31MAY05	110		0.00	29,448.00
1403-60	Update design basis document	02FEB05A	80*	24MAY05	114	10	1,177.92	11,779.20
1403-59	Update build-to specifications	07MAR05*	10*	18MAR05	182		0.00	5,889.60
1403-49	Update cost / schedule estimates	17MAY05	10	31MAY05	110		0.00	5,889.60
1403-62	Prepare FDR documentation / presentations	01MAR05*	61*	24MAY05	114		0.00	5,889.60
1403-20B	Mod Coil Type C #3FDR for complt assy & clamps		0	31MAY05*	110		0.00	0.00
1403-20.03	ISSUE CLAMP,INSTR, & TOP ASSY DWGS FOR	01JUN05	9	13JUN05	246		0.00	0.00
1403-20.2	Resolve FDR chits	01JUN05*	11	15JUN05	110		0.00	6,715.60
1403-70.05	Update MIT/QA Plans for Type C Winding Fab	16JUN05	10	29JUN05	109		0.00	5,889.60
1403-20.1	Mod Coil Type C Fab Preparedness Review		0	29JUN05*	110		0.00	0.00
Winding and Assembly Design-Type A								
1403-319	MCWF studs,modifications-Type A	01JUN05*	42	29JUL05	70		0.00	5,889.60
1403-320	Cladding assembly-Type A	01JUN05*	42	29JUL05	70		0.00	11,779.20
1403-301	Leads & crossover Dwgs (10)-Type A	01JUN05*	42	29JUL05	70		0.00	5,889.60
1403-300	Winding pack assy Dwgs (8)-Type A	01JUN05*	42	29JUL05	70		0.00	5,889.60
1403-321	Lead ends & closure-Type A	01JUN05*	42	29JUL05	70		0.00	5,889.60
1403-322	Terminal assembly-Type A	01JUN05*	42	29JUL05	70		0.00	5,889.60
1403-304	Chill Plate Dwgs (66)-Type A	01JUN05*	42	29JUL05	70		0.00	11,779.20
1403-324	VPI mold assembly0-Type A	01JUN05*	42	29JUL05	70		0.00	5,889.60
1403-303	Clamp Dwgs (5)-Type A	01JUN05*	42	29JUL05	70		0.00	5,889.60
1403-306	Cooling, Electr Schematic Dwgs (1)-Type A	01JUN05*	42	29JUL05	70		0.00	5,889.60
1403-308	I&C Dwgs (1) -Type A	01JUN05*	42	29JUL05	70		0.00	5,889.60
1403-323	Top level coil assembly-Type A	01JUN05*	42	29JUL05	70		0.00	5,889.60
1403-58A	Check and promote models / drawings -Type A	01JUN05*	42	29JUL05	70		0.00	5,889.60
1403-904	Update cost/sched estimates&Design Basis doc.	01JUN05*	42	29JUL05	70		0.00	5,889.60
1403-900	Prep FDR Documentation	25JUL05	5	29JUL05	70		0.00	2,944.80
1403-71	FDR Production Type A Mod Coil Winding		0	29JUL05*	70		0.00	0.00
1403-901	Resolve FDR comments	01AUG05	3	03AUG05	340		0.00	2,944.80
1403-902	Type A product specification	01AUG05*	5	05AUG05	328		0.00	2,944.80
1403-71.05	Update MIT/QA Plans for Type A Winding Fab	08AUG05*	10	19AUG05	328		0.00	2,944.80
1403-71.1	Fab Readiness Review - Production Type A		0	19AUG05*	328		0.00	0.00



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0502

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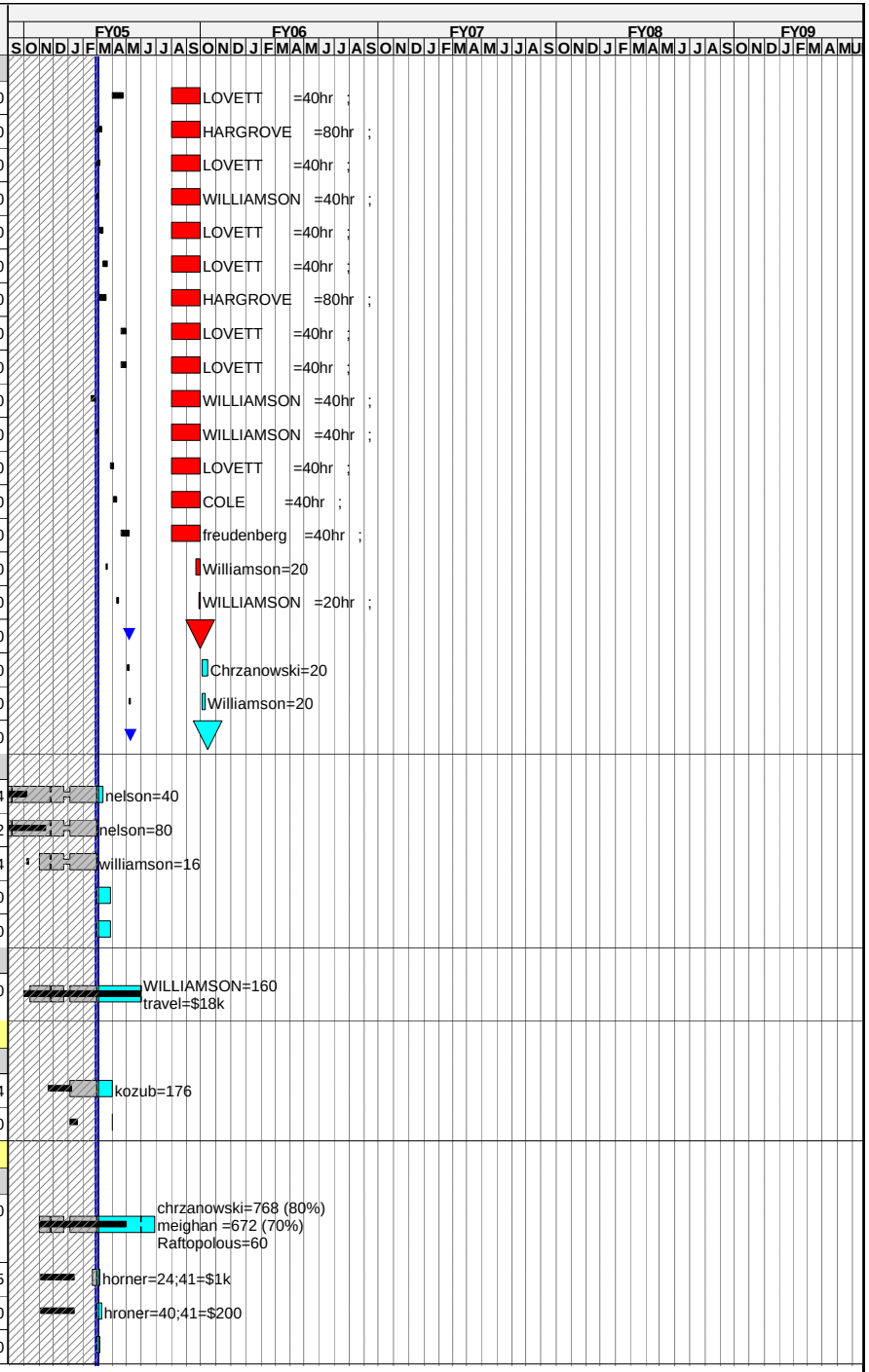
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
Winding and Assembly Design-Type B								
1403-419	MCWF studs,modifications-Type B	01AUG05*	45	30SEP05	87		0.00	5,889.60
1403-420	Cladding assembly-Type B	01AUG05*	45	30SEP05	87		0.00	11,779.20
1403-401	Leads & crossover Dwgs (10)-Type B	01AUG05*	45	30SEP05	87		0.00	5,889.60
1403-400	Winding pack assy Dwgs (8)-Type B	01AUG05*	45	30SEP05	87		0.00	5,889.60
1403-421	Lead ends & closure-Type B	01AUG05*	45	30SEP05	87		0.00	5,889.60
1403-422	Terminal assembly-Type B	01AUG05*	45	30SEP05	87		0.00	5,889.60
1403-404	Chill Plate Dwgs (66)-TypeB	01AUG05*	45	30SEP05	87		0.00	11,779.20
1403-424	VPI mold assembly0-Type B	01AUG05*	45	30SEP05	87		0.00	5,889.60
1403-403	Clamp Dwgs (5)-Type B	01AUG05*	45	30SEP05	87		0.00	5,889.60
1403-406	Cooling, Electr Schematic Dwgs (1)-Type B	01AUG05*	45	30SEP05	87		0.00	5,889.60
1403-408	I&C Dwgs (1) -Type B	01AUG05*	45	30SEP05	87		0.00	5,889.60
1403-423	Top level coil assembly-Type B	01AUG05*	45	30SEP05	87		0.00	5,889.60
1403-58B	Check and promote models / drawings -Type B	01AUG05*	45	30SEP05	87		0.00	5,889.60
1403-80	Update design basis doc & cost sched est	01AUG05*	45	30SEP05	87		0.00	5,889.60
1403-72.06	Update build-to spec	19SEP05	10	30SEP05	87		0.00	3,357.80
1403-81	Prepare FDR doc	26SEP05	5	30SEP05	87		0.00	2,944.80
1403-72	Final Design Review Production Type B		0	30SEP05*	87		0.00	0.00
1403-72.05	Update MIT/QA Plans for Type C Winding Fab	03OCT05	10	14OCT05	179		0.00	3,424.40
1403-72.07	Resolve FDR comments	03OCT05	5	07OCT05	184		0.00	3,424.40
1403-72.1	Fab Readiness Review - Production Type B		0	14OCT05*	179		0.00	0.00
Twisted Racetrack Design (Williamson)								
1406-104	Prepare Draft of Coil Test Plan	01OCT03A	338	14MAR05	175	75	4,028.58	5,371.44
1406-110	Finalize, Approve coil test plan	01DEC03A	307*			75	8,076.69	10,768.92
1406-103.3	Resolve TRC FDR Issues	01NOV04A	77*			75	1,766.88	2,355.84
1403-062	Trial winding analysis & shim rqmnts	01MAR05	20	28MAR05	1,141		0.00	0.00
1403-065	Cooling redesign and analysis	01MAR05	20	28MAR05	1,141		0.00	0.00
TITLE2TRC	Titel III Design-TRC FAB	15OCT04A	153*	31MAY05	1,096	LOE	31,534.38	54,842.40
Job: 1406 - Mod. Coil Winding R&D-CHRZANOWSKI								
Testing								
1406-215	4 turn racetrack fatigue tests	01JAN05A	63*	31MAR05	1,137	90	26,530.42	29,478.24
1406-033	Prepare Test report	01APR05	1	01APR05	1,137		0.00	0.00
Job: 1410 MC Twisted Racetrack Fabr-CHRZANOWSKI								
Twisted Racetrack Hardware Fabrication (Chrzano								
1406-016.0	Oversight & Supervision	01NOV04A	20	27JUN05	1,077	LOE	64,918.94	212,153.40
1406-016.6	PPPL Fabricate TRC Chill plates	21FEB05A	12*	08MAR05	121		1,475.48	2,950.95
1406-016.7	PPPL Fabricate TRC Tubing	01MAR05	9*	11MAR05	118		0.00	3,459.80
1403-017.E	Position & Prep 2nd coil lead set Side b	01MAR05	5	05MAR05	132		0.00	2,545.60



Run Date 09MAR05 12:03

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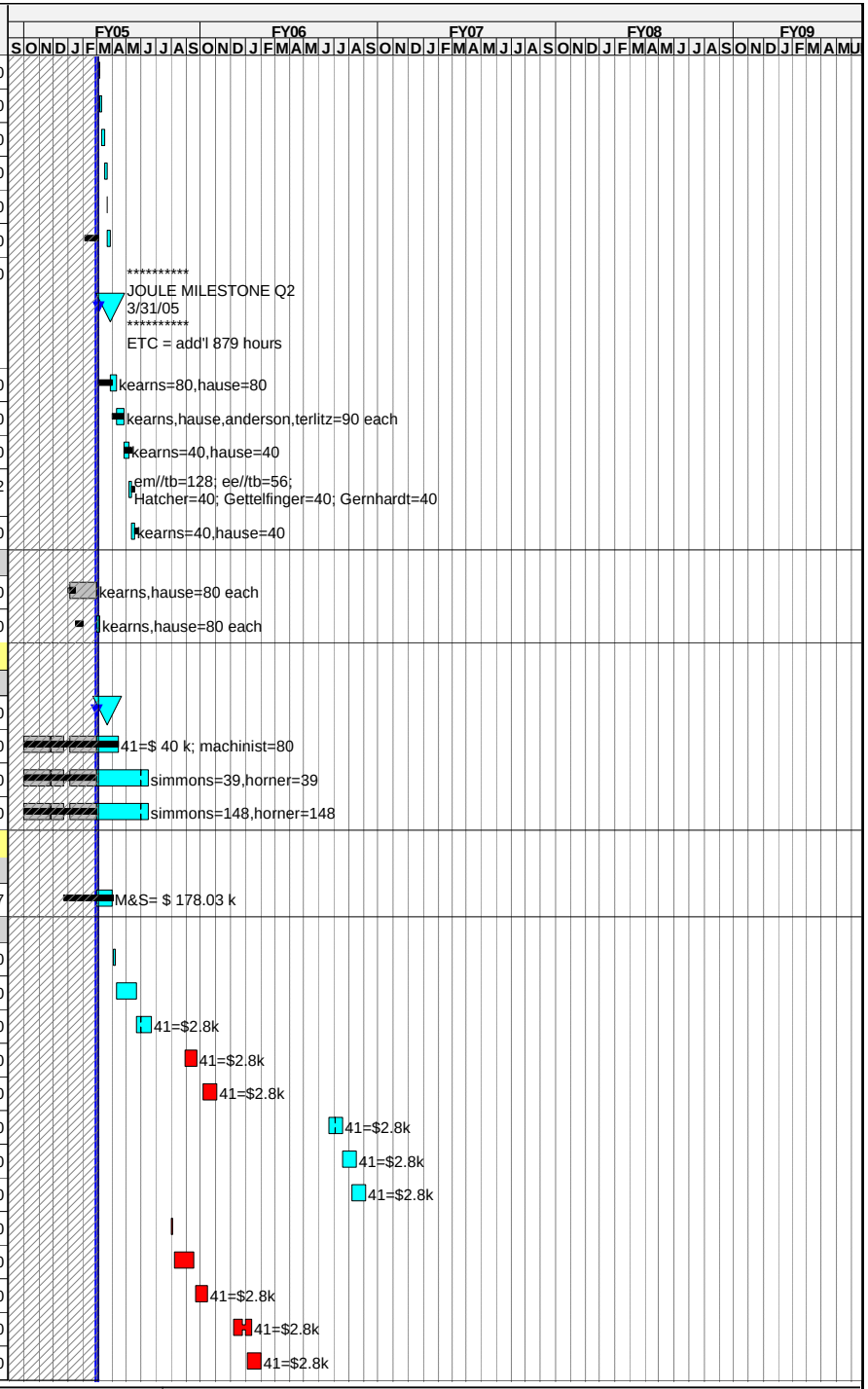
december status
xECP24
Progress Bar
Critical Activity

0502

NCSX
ECP 24
MARCH 1 Status

Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
1406-017.H	Position & prep 1st coil lead set Side a	07MAR05*	1	07MAR05	132		0.00	1,591.00
1406-017.J	Wind layer #1 9 turns Side a (2 shift)	08MAR05	4	11MAR05	132		0.00	2,386.50
1406-017.K	Position & Prep 2nd coil lead set Side a	12MAR05	4	16MAR05	132		0.00	1,591.00
1406-017.L	Complete Groundwrap InstallationSide a	17MAR05	4	21MAR05	132		0.00	1,591.00
1406-017.M	Install Outer Diagnostic Loops	22MAR05	2	23MAR05	132		0.00	1,272.80
1406-017.2	Instl chill plates&tubing(station 2)1 shift 4m	24MAR05	5	29MAR05	132		0.00	11,455.20
1406-017.3	Cmplt Assy of twisted racetrack (Joule milestone		0	29MAR05	1,387		0.00	0.00
1406-018	Pre-VPI Press test &Apply bag mold (station 4)	30MAR05	11	11APR05	166		0.00	12,728.00
1406-019	VPI TRC in autoclave	12APR05	12	25APR05	166		0.00	28,638.00
1406-019.1	Instl permanent clamps	26APR05	8	04MAY05	166		0.00	12,728.00
1406-021	Test Coil	05MAY05	5	11MAY05	138		0.00	32,284.72
1406-023	Dissect Coil	12MAY05	5	18MAY05	138		0.00	6,364.00
Straight Tee Specimen								
1406-ST2	Straight Tee VPI Prep	01JAN05A	40*			50	6,364.00	12,728.00
1406-ST3	VPI Tee Specimen	01MAR05	5	07MAR05	163		0.00	12,728.00
Job: 1412 - Complete Winding Facilities-CHRZANOW								
Remaining fixtures & tooling								
1412-199	Complete Winding Facility ACC Review		0	21MAR05*	168		0.00	0.00
1407-130.1	Misc tools & equipt FY05	01OCT04A	130*	13APR05	1,129	80	25,706.88	32,133.60
1407-126.1	Complete Fab Type A casting supports (6) sets	01OCT04A	98	16JUN05	166	95	5,894.66	6,204.90
1407-127.1	Complete Fab Type B casting supports (6) sets	01OCT04A	98	16JUN05	228	90	21,192.12	23,546.80
Job:1408-Mod Coil Winding Supplies-CHRZANOWSKI								
Copper Conductor								
1408-145	Copper Conductor -Delivery #2 PE005371	01MAR05	24*	01APR05	317		0.00	247,283.67
Cladding								
1408-501	Submet Requisition for Type C Cladding	04APR05	5	08APR05	105		0.00	0.00
1408-503	Bid and Award Type C Cladding	11APR05	30	20MAY05	105		0.00	0.00
1408-505	Fabr Cladding Type C for Coil c1	23MAY05	20	20JUN05	105		0.00	3,889.20
1408-507	Fabr Cladding Type C for Coil c2	29AUG05	20	23SEP05	65		0.00	3,889.20
1408-509	Fabr Cladding Type C for Coil c3	06OCT05	20	02NOV05	91		0.00	3,612.00
1408-511	Fabr Cladding Type C for Coil c4	23JUN06	20	21JUL06	121		0.00	3,612.00
1408-513	Fabr Cladding Type C for Coil c5	20JUL06	20	16AUG06	123		0.00	3,612.00
1408-515	Fabr Cladding Type C for Coil c6	09AUG06	20	05SEP06	121		0.00	3,612.00
1408-517	Submet Requisition for Type A Cladding	01AUG05	5	05AUG05	70		0.00	0.00
1408-519	Bid and Award Type A Cladding	08AUG05	30	16SEP05	70		0.00	0.00
1408-521	Fabr Cladding Type A for Coil a1	19SEP05	20	14OCT05	70		0.00	3,750.60
1408-523	Fabr Cladding Type A for Coil a2	09DEC05	20	13JAN06	87		0.00	3,612.00
1408-525	Fabr Cladding Type A for Coil a3	04JAN06	20	31JAN06	98		0.00	3,612.00



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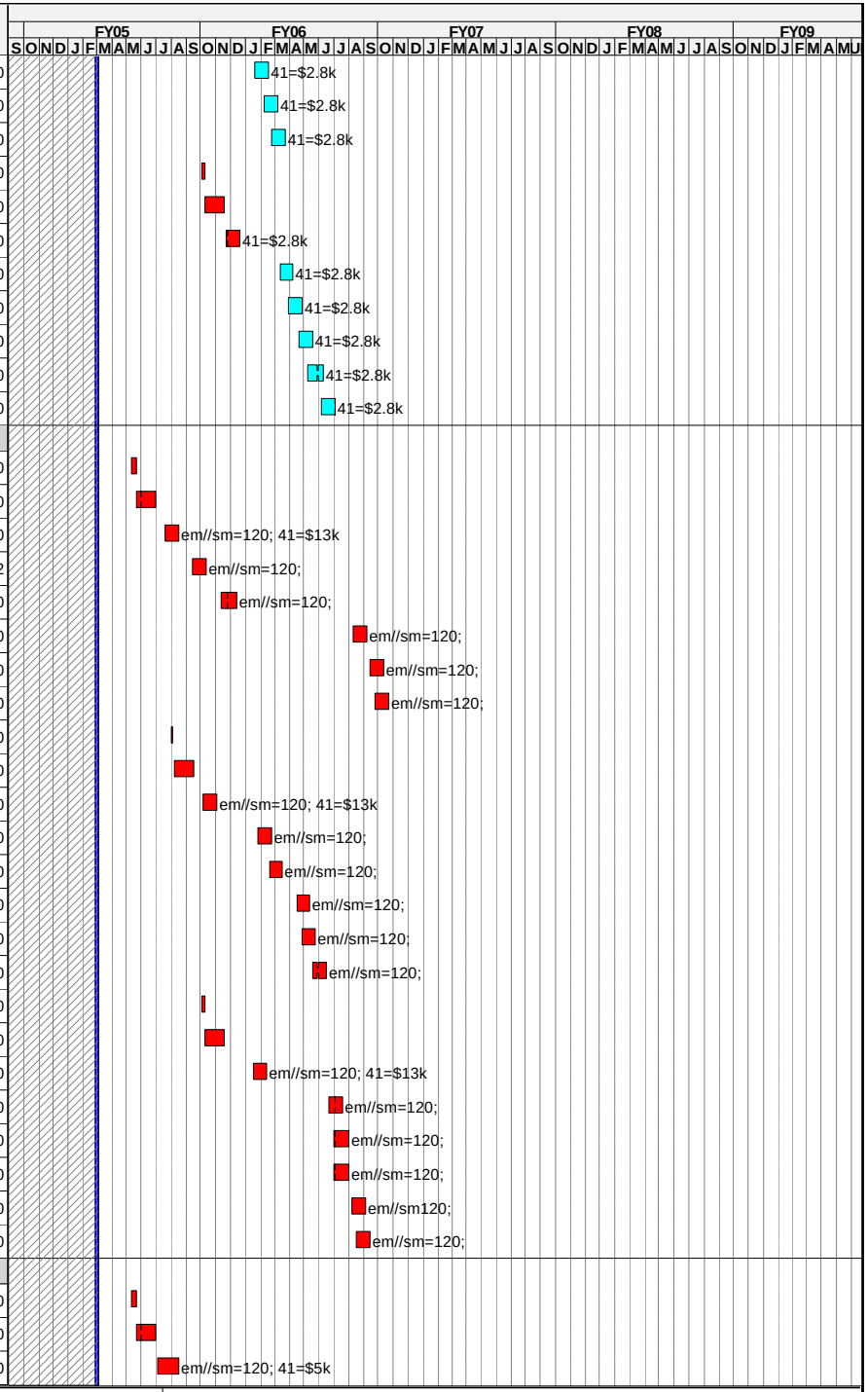
december status
xECP24
Progress Bar
Critical Activity

0502

NCSX
ECP 24
MARCH 1 Status

Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
1408-527	Fabr Cladding Type A for Coil a4	20JAN06	20	16FEB06	114		0.00	3,612.00
1408-529	Fabr Cladding Type A for Coil a5	07FEB06	20	06MAR06	114		0.00	3,612.00
1408-531	Fabr Cladding Type A for Coil a6	23FEB06	20	22MAR06	131		0.00	3,612.00
1408-533	Submet Requisition for Type B Cladding	03OCT05	5	07OCT05	87		0.00	0.00
1408-535	Bid and Award Type B Cladding	10OCT05	30	18NOV05	87		0.00	0.00
1408-537	Fabr Cladding Type B for Coil b1	21NOV05	20	20DEC05	87		0.00	3,612.00
1408-539	Fabr Cladding Type B for Coil b2	13MAR06	20	07APR06	131		0.00	3,612.00
1408-541	Fabr Cladding Type B for Coil b3	31MAR06	20	27APR06	129		0.00	3,612.00
1408-543	Fabr Cladding Type B for Coil b4	20APR06	20	17MAY06	129		0.00	3,612.00
1408-545	Fabr Cladding Type B for Coil b5	11MAY06	20	08JUN06	126		0.00	3,612.00
1408-547	Fabr Cladding Type B for Coil b6	07JUN06	20	05JUL06	120		0.00	3,612.00
Lead hardware								
1408-701	Submet Requisition for Type C Lead HW	13MAY05	5	19MAY05	88		0.00	0.00
1408-703	Bid and Award Type C Lead HW	20MAY05	30	01JUL05	88		0.00	0.00
1408-705	Fabr Lead HW Type C for Coil c1	19JUL05	20	15AUG05	78		0.00	31,117.80
1408-707	Fabr Lead HW Type C for Coil c2	14SEP05	20	11OCT05	65		0.00	13,151.52
1408-709	Fabr Lead HW Type C for Coil c3	11NOV05	20	12DEC05	77		0.00	13,320.00
1408-711	Fabr Lead HW Type C for Coil c4	11AUG06	20	07SEP06	99		0.00	13,320.00
1408-713	Fabr Lead HW Type C for Coil c5	14SEP06	20	11OCT06	97		0.00	13,586.40
1408-715	Fabr Lead HW Type C for Coil c6	25SEP06	20	20OCT06	100		0.00	13,819.50
1408-717	Submet Requisition for Type A Lead HW	01AUG05	5	05AUG05	82		0.00	0.00
1408-719	Bid and Award Type A Lead HW	08AUG05	30	16SEP05	82		0.00	0.00
1408-721	Fabr Lead HW Type A for Coil a1	05OCT05	20	01NOV05	70		0.00	30,090.00
1408-723	Fabr Lead HW Type A for Coil a2	27JAN06	20	23FEB06	70		0.00	13,320.00
1408-725	Fabr Lead HW Type A for Coil a3	20FEB06	20	17MAR06	77		0.00	13,320.00
1408-727	Fabr Lead HW Type A for Coil a4	17APR06	20	12MAY06	65		0.00	13,320.00
1408-729	Fabr Lead HW Type A for Coil a5	26APR06	20	23MAY06	70		0.00	13,320.00
1408-731	Fabr Lead HW Type A for Coil a6	18MAY06	20	15JUN06	83		0.00	13,320.00
1408-733	Submet Requisition for Type B Lead HW	03OCT05	5	07OCT05	99		0.00	0.00
1408-735	Bid and Award Type B Lead HW	10OCT05	30	18NOV05	99		0.00	0.00
1408-737	Fabr Lead HW Type B for Coil b1	18JAN06	20	14FEB06	65		0.00	30,090.00
1408-739	Fabr Lead HW Type B for Coil b2	22JUN06	20	20JUL06	71		0.00	13,320.00
1408-741	Fabr Lead HW Type B for Coil b3	03JUL06	20	31JUL06	76		0.00	13,320.00
1408-743	Fabr Lead HW Type B for Coil b4	03JUL06	20	31JUL06	92		0.00	13,320.00
1408-745	Fabr Lead HW Type B for Coil b5	08AUG06	20	04SEP06	78		0.00	13,320.00
1408-747	Fabr Lead HW Type B for Coil b6	17AUG06	20	13SEP06	82		0.00	13,320.00
G-11 Filler								
1408-801	Submet Requisition for Type C G-11	13MAY05	5	19MAY05	78		0.00	0.00
1408-803	Bid and Award Type C G-11	20MAY05	30	01JUL05	78		0.00	0.00
1408-805	Fabr G-11 Type C for Coil c1	05JUL05	30	15AUG05	78		0.00	20,005.80



Run Date 09MAR05 12:03

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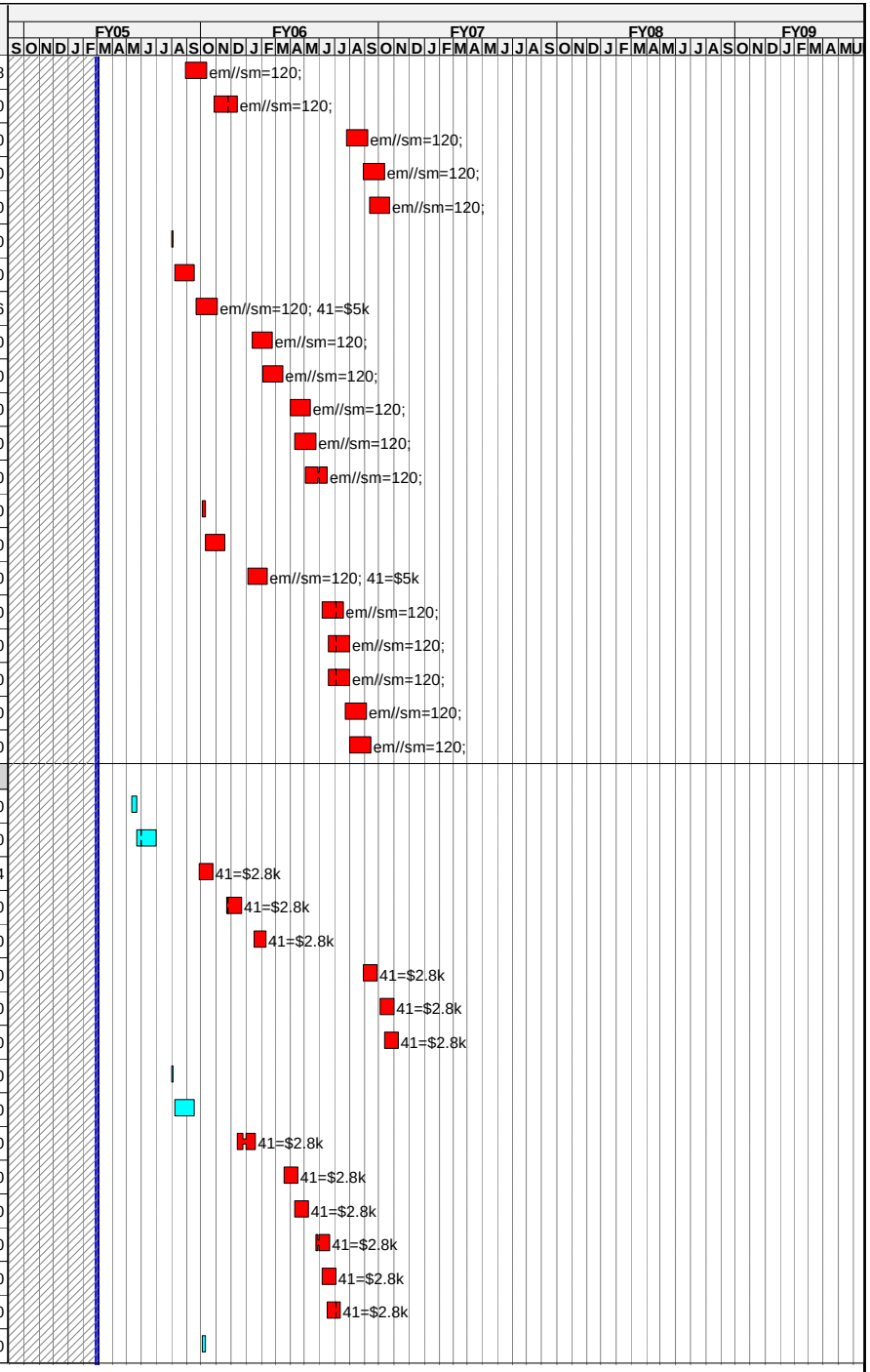
- december status
- xECP24
- Progress Bar
- Critical Activity

0502

NCSX
ECP 24
MARCH 1 Status

Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
1408-807	Fabr G-11 Type C for Coil c2	31AUG05	30	11OCT05	65		0.00	13,121.28
1408-809	Fabr G-11 Type C for Coil c3	28OCT05	30	12DEC05	77		0.00	13,320.00
1408-811	Fabr G-11 Type C for Coil c4	28JUL06	30	07SEP06	99		0.00	13,320.00
1408-813	Fabr G-11 Type C for Coil c5	31AUG06	30	11OCT06	97		0.00	13,497.60
1408-815	Fabr G-11 Type C for Coil c6	11SEP06	30	20OCT06	100		0.00	13,653.00
1408-817	Submet Requisition for Type A G-11	01AUG05	5	05AUG05	72		0.00	0.00
1408-819	Bid and Award Type A G-11	08AUG05	30	16SEP05	72		0.00	0.00
1408-821	Fabr G-11 Type A for Coil a1	21SEP05	30	01NOV05	70		0.00	16,266.16
1408-823	Fabr G-11 Type A for Coil a2	13JAN06	30	23FEB06	70		0.00	13,320.00
1408-825	Fabr G-11 Type A for Coil a3	06FEB06	30	17MAR06	77		0.00	13,320.00
1408-827	Fabr G-11 Type A for Coil a4	03APR06	30	12MAY06	65		0.00	13,320.00
1408-829	Fabr G-11 Type A for Coil a5	12APR06	30	23MAY06	70		0.00	13,320.00
1408-831	Fabr G-11 Type A for Coil a6	04MAY06	30	15JUN06	83		0.00	13,320.00
1408-833	Submet Requisition for Type B G-11	03OCT05	5	07OCT05	89		0.00	0.00
1408-835	Bid and Award Type B G-11	10OCT05	30	18NOV05	89		0.00	0.00
1408-837	Fabr G-11 Type B for Coil b1	04JAN06	30	14FEB06	65		0.00	16,184.40
1408-839	Fabr G-11 Type B for Coil b2	08JUN06	30	20JUL06	71		0.00	13,320.00
1408-841	Fabr G-11 Type B for Coil b3	19JUN06	30	31JUL06	76		0.00	13,320.00
1408-843	Fabr G-11 Type B for Coil b4	19JUN06	30	31JUL06	92		0.00	13,320.00
1408-845	Fabr G-11 Type B for Coil b5	25JUL06	30	04SEP06	78		0.00	13,320.00
1408-847	Fabr G-11 Type B for Coil b6	03AUG06	30	13SEP06	82		0.00	13,320.00
Chill Plates								
1408-601	Submet Requisition for Type C Chill Plts	13MAY05	5	19MAY05	137		0.00	0.00
1408-603	Bid and Award Type C Chill Plts	20MAY05	30	01JUL05	137		0.00	0.00
1408-605	Fabr Chill Plts Type C for Coil c1	27SEP05	20	24OCT05	77		0.00	3,667.44
1408-607	Fabr Chill Plts Type C for Coil c2	22NOV05	20	21DEC05	65		0.00	3,612.00
1408-609	Fabr Chill Plts Type C for Coil c3	16JAN06	20	10FEB06	77		0.00	3,612.00
1408-611	Fabr Chill Plts Type C for Coil c4	31AUG06	20	27SEP06	99		0.00	3,612.00
1408-613	Fabr Chill Plts Type C for Coil c5	04OCT06	20	31OCT06	97		0.00	3,710.00
1408-615	Fabr Chill Plts Type C for Coil c6	13OCT06	20	09NOV06	100		0.00	3,710.00
1408-617	Submet Requisition for Type A Chill Plts	01AUG05	5	05AUG05	131		0.00	0.00
1408-619	Bid and Award Type A Chill Plts	08AUG05	30	16SEP05	131		0.00	0.00
1408-621	Fabr Chill Plts Type A for Coil a1	15DEC05	20	19JAN06	70		0.00	3,612.00
1408-623	Fabr Chill Plts Type A for Coil a2	22MAR06	20	18APR06	70		0.00	3,612.00
1408-625	Fabr Chill Plts Type A for Coil a3	13APR06	20	10MAY06	77		0.00	3,612.00
1408-627	Fabr Chill Plts Type A for Coil a4	25MAY06	20	22JUN06	66		0.00	3,612.00
1408-629	Fabr Chill Plts Type A for Coil a5	06JUN06	20	03JUL06	71		0.00	3,612.00
1408-631	Fabr Chill Plts Type A for Coil a6	15JUN06	20	13JUL06	83		0.00	3,612.00
1408-633	Submet Requisition for Type B Chill Plts	03OCT05	5	07OCT05	137		0.00	0.00



Run Date 09MAR05 12:03

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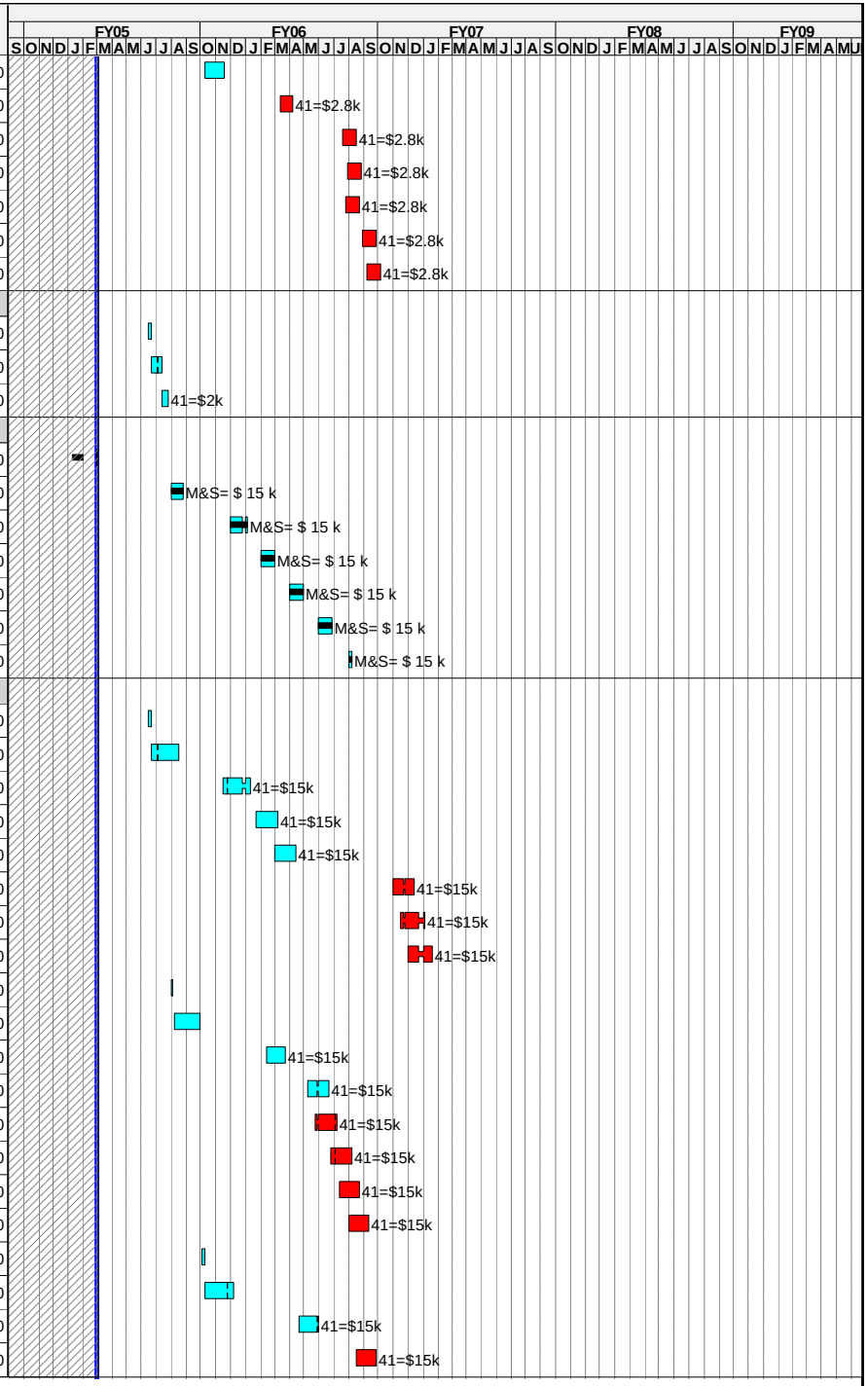
december status
xECP24
Progress Bar
Critical Activity

0502

NCSX
ECP 24
MARCH 1 Status

Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
1408-635	Bid and Award Type B Chill Plts	10OCT05	30	18NOV05	137		0.00	0.00
1408-637	Fabr Chill Plts Type B for Coil b1	13MAR06	20	07APR06	65		0.00	3,612.00
1408-639	Fabr Chill Plts Type B for Coil b2	20JUL06	20	16AUG06	71		0.00	3,612.00
1408-641	Fabr Chill Plts Type B for Coil b3	31JUL06	20	25AUG06	76		0.00	3,612.00
1408-643	Fabr Chill Plts Type B for Coil b4	26JUL06	20	22AUG06	92		0.00	3,612.00
1408-645	Fabr Chill Plts Type B for Coil b5	30AUG06	20	26SEP06	78		0.00	3,612.00
1408-647	Fabr Chill Plts Type B for Coil b6	08SEP06	20	05OCT06	82		0.00	3,631.60
Tubing								
1408-761	Submet Requisition for Tubing	14JUN05	5	20JUN05	1,063		0.00	0.00
1408-763	Bid and Award Tubing	21JUN05	15	12JUL05	1,063		0.00	0.00
1408-765	Deliver Tubing	13JUL05	10	26JUL05	1,063		0.00	2,778.00
Epoxy								
1408-114	Epoxy -Evaluate Bids & Award	01MAR05	0*	28FEB05	302		0.00	0.00
1408-117	Epoxy -1st Delivery for Production	01AUG05*	20	26AUG05	195		0.00	20,835.00
1408-119	Epoxy -2nd Delivery for Production	01DEC05*	20	05JAN06	151		0.00	19,350.00
1408-121	Epoxy -3rd Delivery for Production	01FEB06*	20	28FEB06	154		0.00	19,350.00
1408-123	Epoxy -4th Delivery for Production	03APR06*	20	28APR06	147		0.00	19,350.00
1408-125	Epoxy -5th Delivery for Production	01JUN06*	20	28JUN06	141		0.00	19,350.00
1408-127	Epoxy -6th Delivery for Production	01AUG06*	5	07AUG06	146		0.00	19,350.00
Clamps								
1408-901	Submet Requisition for Type C Clamps	14JUN05	5	20JUN05	246		0.00	0.00
1408-903	Bid and Award Type C Clamps	21JUN05	40	16AUG05	246		0.00	0.00
1408-905	Fabr Clamps Type C for Coil c1	17NOV05	30	09JAN06	180		0.00	19,350.00
1408-907	Fabr Clamps Type C for Coil c2	24JAN06	30	06MAR06	148		0.00	19,350.00
1408-909	Fabr Clamps Type C for Coil c3	03MAR06	30	13APR06	136		0.00	19,350.00
1408-911	Fabr Clamps Type C for Coil c4	01NOV06	30	14DEC06	65		0.00	19,875.00
1408-913	Fabr Clamps Type C for Coil c5	15NOV06	30	05JAN07	78		0.00	19,875.00
1408-915	Fabr Clamps Type C for Coil c6	01DEC06	30	19JAN07	77		0.00	19,875.00
1408-917	Submet Requisition for Type A Clamps	01AUG05	5	05AUG05	230		0.00	0.00
1408-919	Bid and Award Type A Clamps	08AUG05	40	30SEP05	230		0.00	0.00
1408-921	Fabr Clamps Type A for Coil a1	13FEB06	30	24MAR06	143		0.00	19,350.00
1408-923	Fabr Clamps Type A for Coil a2	09MAY06	30	20JUN06	104		0.00	19,350.00
1408-925	Fabr Clamps Type A for Coil a3	25MAY06	30	07JUL06	99		0.00	19,350.00
1408-927	Fabr Clamps Type A for Coil a4	26JUN06	30	07AUG06	85		0.00	19,350.00
1408-929	Fabr Clamps Type A for Coil a5	13JUL06	30	23AUG06	80		0.00	19,350.00
1408-931	Fabr Clamps Type A for Coil a6	01AUG06	30	11SEP06	74		0.00	19,350.00
1408-933	Submet Requisition for Type B Clamps	03OCT05	5	07OCT05	200		0.00	0.00
1408-935	Bid and Award Type B Clamps	10OCT05	40	06DEC05	200		0.00	0.00
1408-937	Fabr Clamps Type B for Coil b1	20APR06	30	01JUN06	110		0.00	19,350.00
1408-939	Fabr Clamps Type B for Coil b2	17AUG06	30	27SEP06	69		0.00	19,350.00



Run Date 09MAR05 12:03

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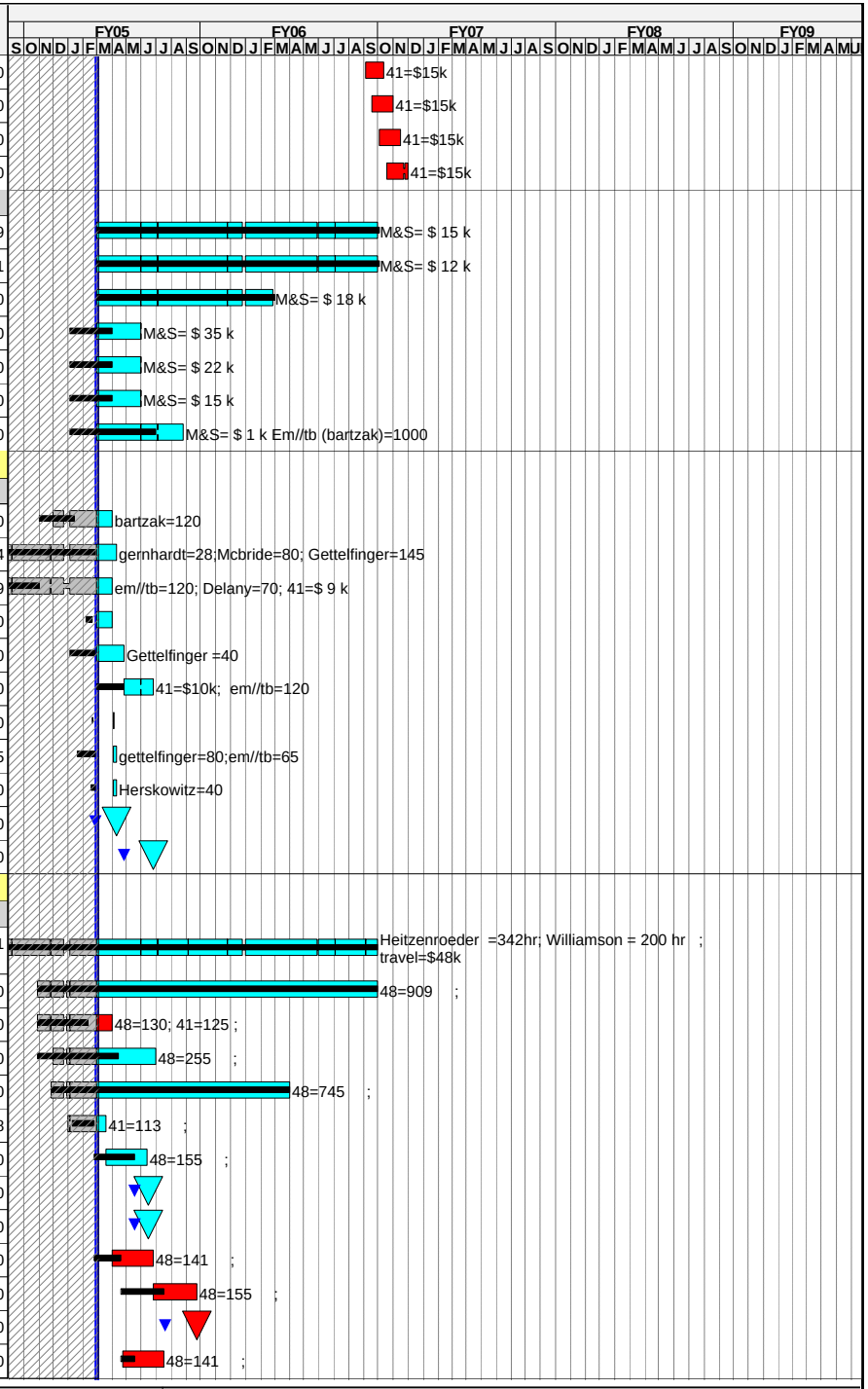
- december status
- xECP24
- Progress Bar
- Critical Activity

0502

NCSX
ECP 24
MARCH 1 Status

Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
1408-941	Fabr Clamps Type B for Coil b3	04SEP06	30	13OCT06	78		0.00	19,525.00
1408-943	Fabr Clamps Type B for Coil b4	19SEP06	30	30OCT06	75		0.00	19,717.50
1408-945	Fabr Clamps Type B for Coil b5	04OCT06	30	14NOV06	71		0.00	19,875.00
1408-947	Fabr Clamps Type B for Coil b6	18OCT06	30	30NOV06	68		0.00	19,875.00
Other								
1408-137	Safety & Disposable supplies	01MAR05*	401	28SEP06	154		0.00	19,912.89
1408-138	Misc. Supplies	01MAR05*	401	28SEP06	299		0.00	15,930.31
1408-173	Epoxy for Shell Mold (Hysol)	01MAR05*	250	27FEB06	166		0.00	23,220.00
1408-183	Tubing (Chem flor and Poly)	01MAR05*	65	31MAY05	131		0.00	48,615.00
1408-184	Vulcanizing tape, felt and RTV	01MAR05*	65	31MAY05	131		0.00	30,558.00
1408-185	Valves and Fittings	01MAR05*	65	31MAY05	131		0.00	20,835.00
1408-186	Manifolds	01MAR05*	127	26AUG05	166		0.00	80,939.00
Job: 1409 - Mod. Coil Test Stand-GETTELFINGER								
Test Stand								
1409-155	Fab/Instl Closed Loop LN2 sys	01DEC04A	81*	01APR05	155	90	11,754.72	13,060.80
1409-029	Oversight/Supervision	01APR04A	256*	11APR05	155	LOE	31,586.45	35,771.74
1409-027	Cryo Line Installation	03MAY04A	228*	01APR05	155	40	11,566.40	28,915.99
1409-141	Modify Cryostat for TRC	01MAR05*	24*	01APR05	1,137		0.00	0.00
1409-130	Cryostat (specimen shroud) dsn	01MAR05*	40	25APR05	317		0.00	6,699.60
1409-135	Cryostat (specimen shroud) Fabr & Install	26APR05	43	24JUN05	317		0.00	23,436.00
1409-044	Final Design & ACC Review	04APR05	0*	01APR05	1,137	60	0.00	0.00
1409-028	System Testing (planar racetrack)	04APR05*	6	11APR05	155		0.00	18,569.95
1409-160	Test Closed Loop Cooling	04APR05	6	11APR05	155		0.00	3,182.00
1409-165	Closed Loop Facility Available for TRC		0	11APR05	155		0.00	0.00
1409-199	Closed Loop Facility Available for Production MC		0	24JUN05*	317		0.00	0.00
Job: 1411-MCWF Fabrication S005242-HEITZENROEDER								
172-031	Title III engr	24MAY04A	589*	29SEP06	761	LOE	54,470.84	169,691.11
MCWF-001	EIO Project Mgt. & Reporting	29OCT04A	496*	29SEP06	774	LOE	149,956.95	908,830.00
MCWF-011	Pattern A complete	29OCT04A	106*	01APR05	93	40	121,537.50	303,625.00
MCWF-021	Pattern B complete	01DEC04A	150*	01JUL05	107	10	25,512.00	255,120.00
MCWF-041	Materials (MetalTek)	29NOV04A	347*	31MAR06	128	67	498,982.50	744,750.00
MCWF-051	C1-MTK-casting upgrade	01JAN05A	54*	18MAR05	111	90	140,661.25	156,290.28
MCWF-061	C1-MTM - machining/inspection	21MAR05	60	10JUN05	111		0.00	154,910.00
MCWF-071	C1-Receive at PPPL		0	13JUN05*	111		0.00	0.00
C-121.1	First MCWF C-1 Delivered		0	13JUN05	111		0.00	0.00
MCWF-081	C2-MTK-casting	31MAR05*	61*	23JUN05	73		0.00	140,810.00
MCWF-091	C2-MTM - machining/inspection	24JUN05	65	22SEP05	73		0.00	154,910.00
MCWF-101	C2-Receive at PPPL		0	23SEP05*	73		0.00	0.00
MCWF-111	A1-MTK-casting	22APR05*	61*	15JUL05	79		0.00	141,000.00



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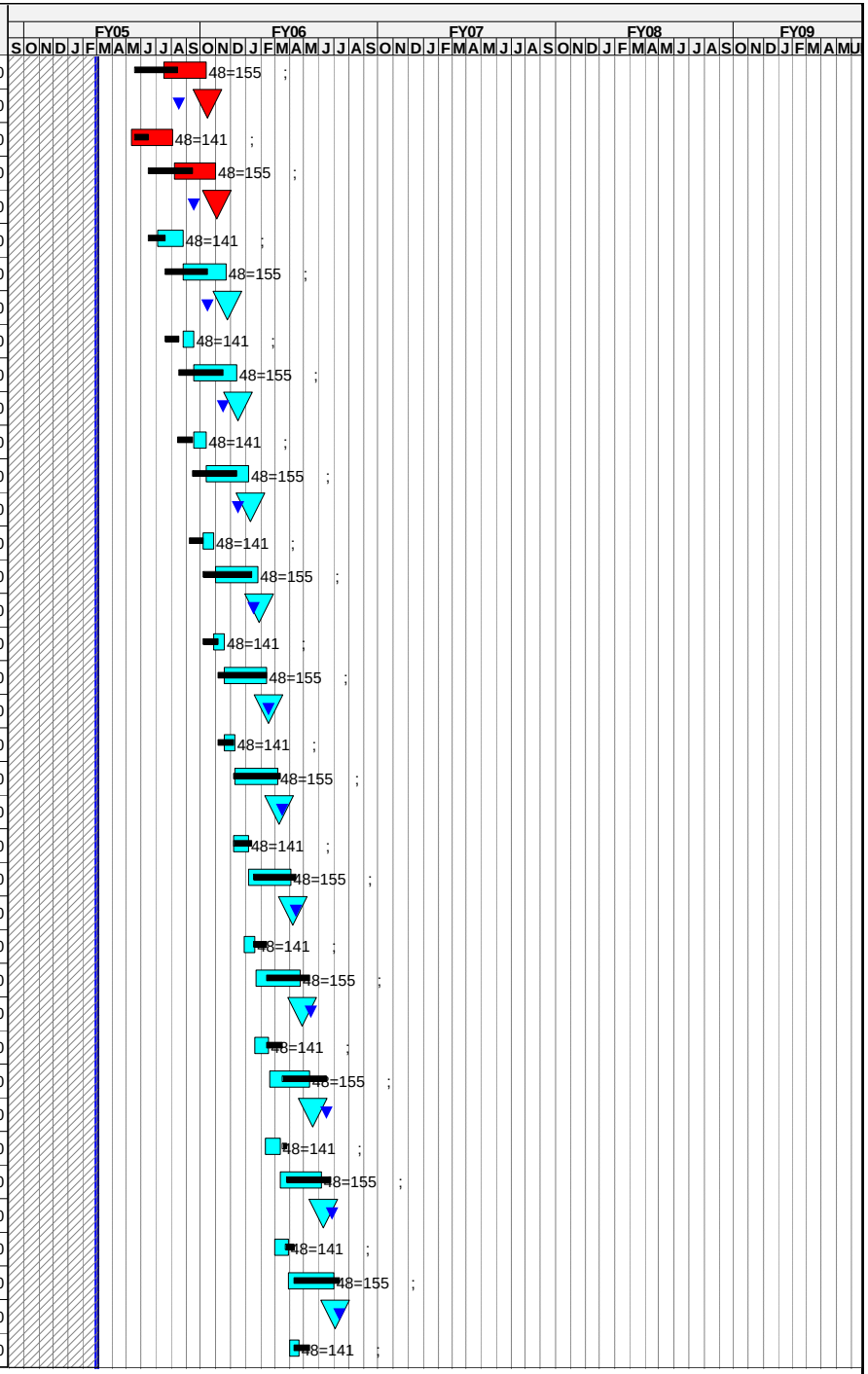
- december status
- xECP24
- Progress Bar
- Critical Activity

0502

NCSX
ECP 24
MARCH 1 Status

Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
MCWF-121	A1-MTM - machining/inspection	18JUL05	61*	10OCT05	79		0.00	154,910.00
MCWF-131	A1-Receive at PPPL		0	13OCT05*	79		0.00	0.00
MCWF-141	C3-MTK-casting	13MAY05*	61*	05AUG05	99		0.00	140,810.00
MCWF-151	C3-MTM - machining/inspection	08AUG05	61*	31OCT05	99		0.00	154,910.00
MCWF-161	C3-Receive at PPPL		0	02NOV05	99		0.00	0.00
MCWF-171	B1-MTK-casting	04JUL05*	39*	25AUG05	107		0.00	140,810.00
MCWF-181	B1-MTM - machining/inspection	26AUG05	62*	21NOV05	112		0.00	154,910.00
MCWF-191	B1-Receive at PPPL		0	23NOV05	112		0.00	0.00
MCWF-201	A2-MTK-casting	26AUG05*	15*	15SEP05	107		0.00	140,810.00
MCWF-211	A2-MTM - machining/inspection	16SEP05	63*	13DEC05	107		0.00	154,910.00
MCWF-221	A2-Receive at PPPL		0	16DEC05	107		0.00	0.00
MCWF-231	A3-MTK-casting	16SEP05	18	11OCT05	115		0.00	140,810.00
MCWF-241	A3-MTM - machining/inspection	12OCT05	63*	06JAN06	115		0.00	154,910.00
MCWF-251	A3-Receive at PPPL		0	09JAN06	115		0.00	0.00
MCWF-261	A4-MTK-casting	07OCT05*	16*	28OCT05	127		0.00	140,810.00
MCWF-271	A4-MTM - machining/inspection	31OCT05	63*	25JAN06	129		0.00	154,910.00
MCWF-281	A4-Receive at PPPL		0	30JAN06	129		0.00	0.00
MCWF-291	A5-MTK-casting	28OCT05*	15*	17NOV05	127		0.00	140,810.00
MCWF-301	A5-MTM - machining/inspection	18NOV05	62*	13FEB06	128		0.00	154,910.00
MCWF-311	A5-Receive at PPPL		0	16FEB06	128		0.00	0.00
MCWF-321	A6-MTK-casting	18NOV05*	16*	09DEC05	127		0.00	140,810.00
MCWF-331	A6-MTM - machining/inspection	12DEC05	61*	06MAR06	142		0.00	154,910.00
MCWF-341	A6-Receive at PPPL		0	09MAR06	142		0.00	0.00
MCWF-351	B2-MTK-casting	09DEC05*	21*	06JAN06	127		0.00	140,810.00
MCWF-361	B2-MTM - machining/inspection	09JAN06	62*	04APR06	133		0.00	154,910.00
MCWF-371	B2-Receive at PPPL		0	07APR06	133		0.00	0.00
MCWF-381	B3-MTK-casting	30DEC05*	16*	20JAN06	127		0.00	140,810.00
MCWF-391	B3-MTM - machining/inspection	23JAN06	66*	24APR06	131		0.00	154,910.00
MCWF-401	B3-Receive at PPPL		0	27APR06	131		0.00	0.00
MCWF-411	B4-MTK-casting	20JAN06*	21*	17FEB06	127		0.00	140,810.00
MCWF-421	B4-MTM - machining/inspection	20FEB06	60*	12MAY06	131		0.00	154,910.00
MCWF-431	B4-Receive at PPPL		0	17MAY06	131		0.00	0.00
MCWF-441	B5-MTK-casting	10FEB06*	23*	14MAR06	127		0.00	140,810.00
MCWF-451	B5-MTM - machining/inspection	15MAR06	59*	05JUN06	129		0.00	154,910.00
MCWF-461	B5-Receive at PPPL		0	08JUN06	129		0.00	0.00
MCWF-471	B6-MTK-casting	03MAR06*	20*	30MAR06	127		0.00	140,810.00
MCWF-481	B6-MTM - machining/inspection	31MAR06	66*	30JUN06	127		0.00	154,910.00
MCWF-491	B6-Receive at PPPL		0	05JUL06	127		0.00	0.00
MCWF-501	C4-MTK-casting	03APR06*	14*	20APR06	128		0.00	140,810.00



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december status
xECP24
Progress Bar
Critical Activity

0502

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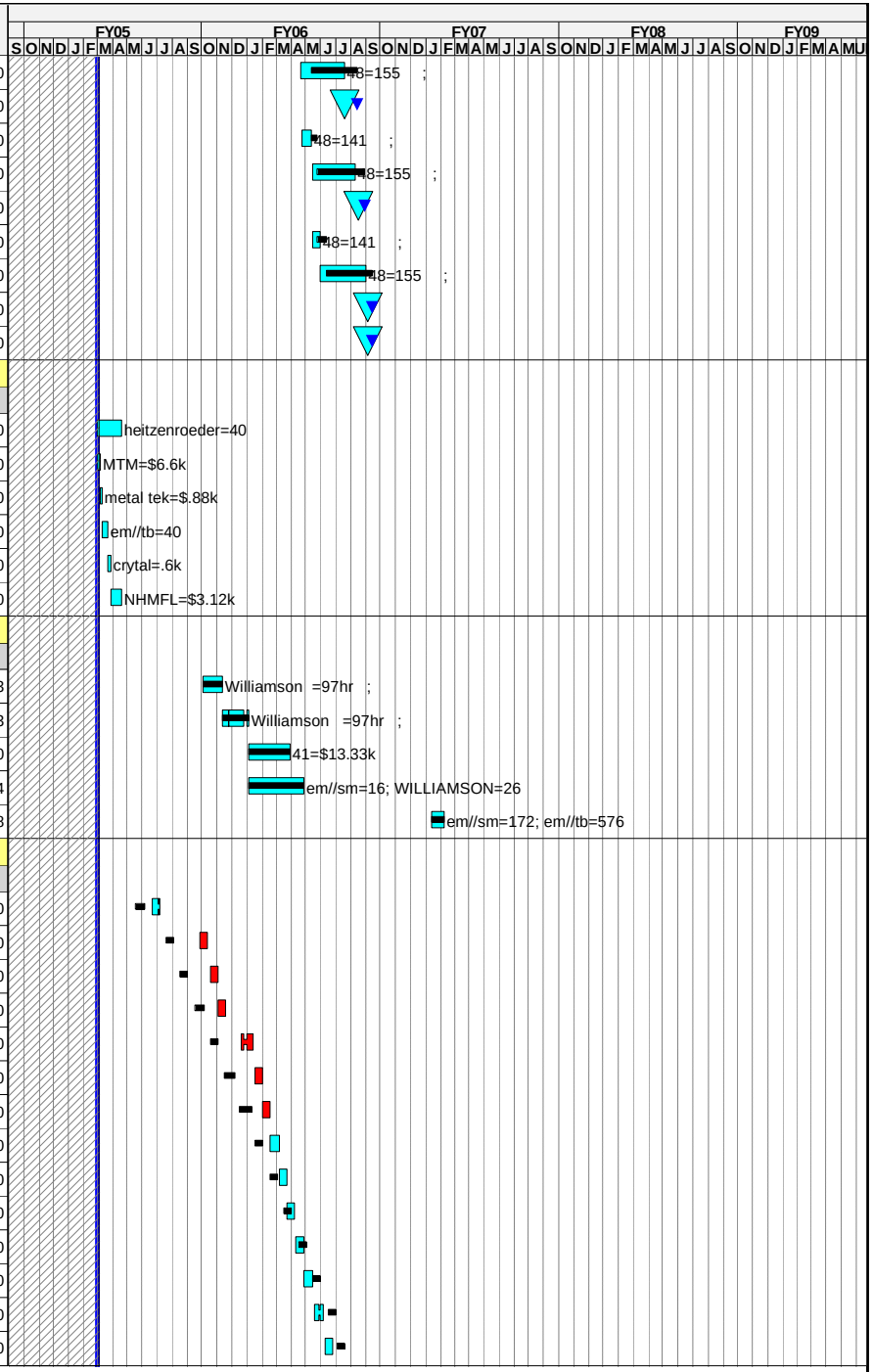
ECP 24
MARCH 1 Status

Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
MCWF-511	C4-MTM - machining/inspection	21APR06	63*	18JUL06	128		0.00	154,910.00
MCWF-521	C4-Receive at PPPL		0	21JUL06	128		0.00	0.00
MCWF-531	C5-MTK-casting	24APR06*	15*	12MAY06	128		0.00	140,810.00
MCWF-541	C5-MTM - machining/inspection	15MAY06	65*	11AUG06	130		0.00	154,910.00
MCWF-551	C5-Receive at PPPL		0	16AUG06	130		0.00	0.00
MCWF-561	C6-MTK-casting	15MAY06*	14*	01JUN06	128		0.00	140,810.00
MCWF-571	C6-MTM - machining/inspection	02JUN06	65*	31AUG06	128		0.00	154,910.00
MCWF-581	C6-Receive at PPPL		0	05SEP06	128		0.00	0.00
C-501B1	Last MCWF Delivered		0	05SEP06	128		0.00	0.00
Job: 1413 -MCWF Fracture Analysis-HEITZENROEDER								
1413-100	Oversight	01MAR05*	35	18APR05	1,153		0.00	0.00
1413-110	Cut 3 discs from proto;cut 1 into qrts (MTM)	01MAR05*	5	07MAR05	1,153		0.00	0.00
1413-120	Weld quartered discs (Metal Tek)	08MAR05	3	10MAR05	1,153		0.00	0.00
1413-130	Machine test blanks (PPPL)	11MAR05	7	21MAR05	1,153		0.00	0.00
1413-140	Wire EDM 12 specimens (Crystal)	22MAR05	5	28MAR05	1,153		0.00	0.00
1413-150	Perform fracture tests (NHMFL)	29MAR05	15	18APR05	1,153		0.00	0.00
Job: 1431 - Modular Coil Local I&C								
174-001	Title I design WBS 143 Mod coil local I&C	03OCT05*	30	11NOV05	870		0.00	14,252.83
174-011	Title II design WBS 143 Mod coil local I&C	14NOV05	30	04JAN06	870		0.00	14,252.83
174-035	Modular Coil local I&C -Procurement	05JAN06	60	29MAR06	875		0.00	17,195.70
174-036	Modular Coil local I&C -Title III	05JAN06	80	26APR06	875		0.00	5,604.24
174-037	Modular Coil local I&C -Install	15JAN07*	20	09FEB07	678		0.00	69,110.28
Job: 1451 - Mod Coil Winding-CHRZANOWSKI								
Station 1 Prep, Install Cladding, Final Clamps								
P1-001	Receive C1, Prep& Instl Cladding(Station 1)	21JUN05	12	07JUL05	104		0.00	0.00
P1-091	Receive C2, Prep& Instl Cladding(Station 1)	26SEP05	12	11OCT05	65		0.00	0.00
P2-001	Receive A-1, Prep& Instl Cladding(Station 1)	17OCT05	12	01NOV05	70		0.00	0.00
P2-091	Receive C3, Prep& Instl Cladding(Station 1)	03NOV05	12	18NOV05	91		0.00	0.00
P3-001	Receive B1, Prep& Instl Cladding(Station 1)	21DEC05	12	13JAN06	87		0.00	0.00
P3-091	Receive A2, Prep& Instl Cladding(Station 1)	16JAN06	12	31JAN06	87		0.00	0.00
P1-031	Receive A3, Prep& Instl Cladding(Station 1)	01FEB06	12	16FEB06	98		0.00	0.00
P1-121	Receive A4, Prep& Instl Cladding(Station 1)	17FEB06	12	06MAR06	114		0.00	0.00
P2-031	Receive A5, Prep& Instl Cladding(Station 1)	07MAR06	12	22MAR06	114		0.00	0.00
P2-121	Receive A6, Prep& Instl Cladding(Station 1)	23MAR06	12	07APR06	130		0.00	0.00
P3-031	Receive B2, Prep& Instl Cladding(Station 1)	10APR06	12	25APR06	130		0.00	0.00
P3-121	Receive B3, Prep& Instl Cladding(Station 1)	28APR06	12	15MAY06	128		0.00	0.00
P1-061	Receive B4, Prep& Instl Cladding(Station 1A)	18MAY06	12	05JUN06	128		0.00	0.00
P1-151	Receive B5, Prep& Instl Cladding(Station 1A)	09JUN06	12	26JUN06	125		0.00	0.00



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Progress Bar
Critical Activity

0502

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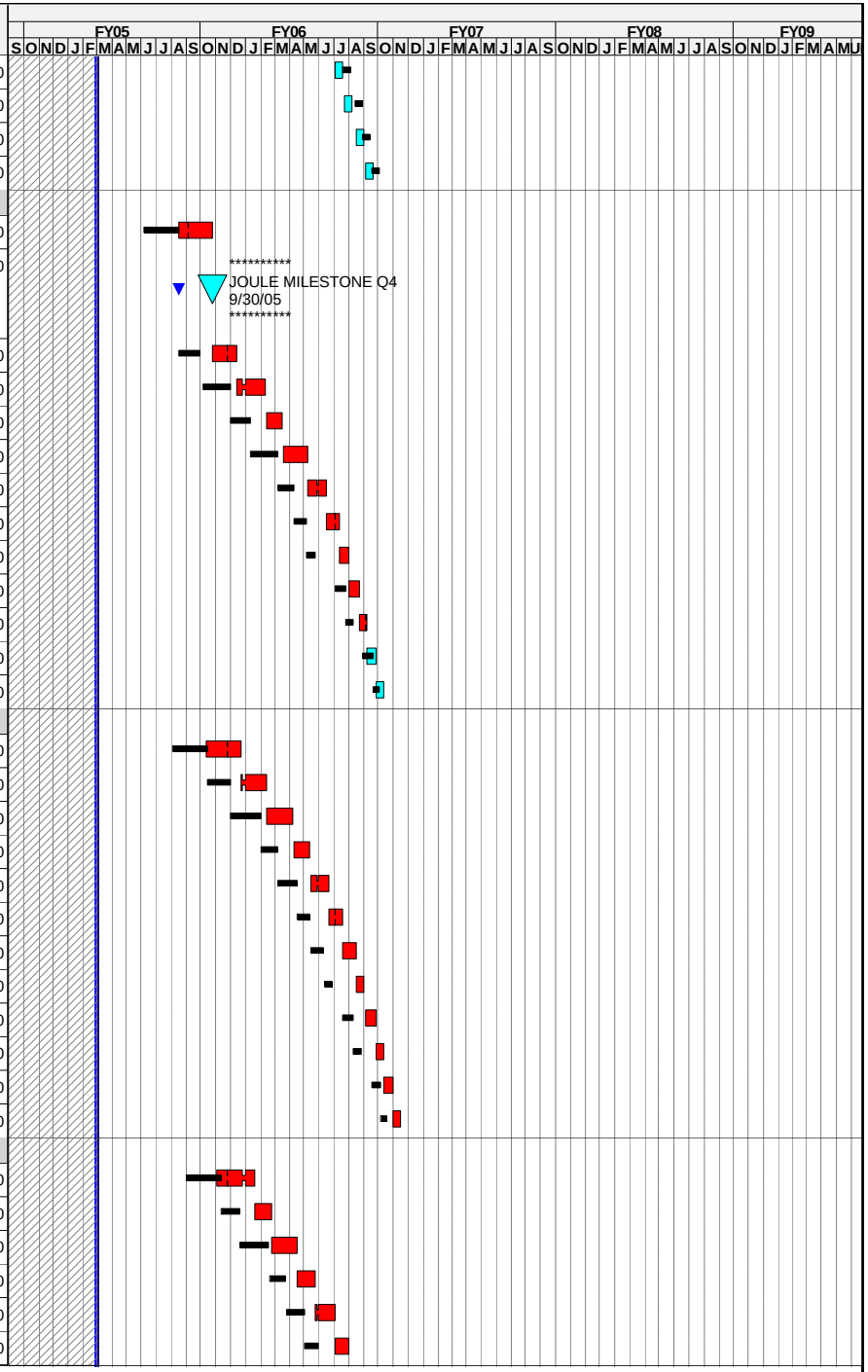
ECP 24
MARCH 1 Status

Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
P2-061	Receive B6, Prep& Instl Cladding(Station 1A)	06JUL06	12	21JUL06	119		0.00	0.00
P2-151	Receive C4, Prep& Instl Cladding(Station 1A)	24JUL06	12	08AUG06	120		0.00	0.00
P3-061	Receive C5, Prep& Instl Cladding(Station 1A)	17AUG06	12	01SEP06	122		0.00	0.00
P3-151	Receive C6, Prep& Instl Cladding(Station 1A)	06SEP06	12	21SEP06	121		0.00	0.00
Station 2-Winding, Instl Chill Plates,Tubing,Bag								
P1-011	Wind coil C-1 (station 2)	16AUG05*	49	24OCT05	77		0.00	0.00
P1-011J	Complete Winding First Modular Coil		0	24OCT05	994		0.00	0.00
P1-020	Instl Chill Plates,Tubing, Bag C1 (Station 2)	25OCT05	33	12DEC05	77		0.00	0.00
P2-101	Wind coil C-3 (station2)	13DEC05	38	10FEB06	77		0.00	0.00
P2-110	Instl Chill Plates,Tubing, Bag C3(Station 2)	13FEB06	25	17MAR06	77		0.00	0.00
P1-041	Wind coil A3 (station 2)	20MAR06	38	10MAY06	77		0.00	0.00
P1-050	Instl Chl Plates,Tubing, Bag A3(Station 2)	11MAY06	25	15JUN06	77		0.00	0.00
P2-131	Wind coil A6 (station 2) 2 shift	16JUN06	19	13JUL06	82		0.00	0.00
P2-140	Instl Chl Plates,Tubing, Bag A6(Station 2) 2shft	14JUL06	12	31JUL06	82		0.00	0.00
P1-071	Wind coil B4 (station 2)**2 shift	01AUG06	16	22AUG06	91		0.00	0.00
P1-080	Instl Chl Plates,Tubing,Bag B4(Station 2)*2 shft	23AUG06	11	07SEP06	91		0.00	0.00
P2-161	Wind coil C4 (station 2) **2 shift	08SEP06	14	27SEP06	106		0.00	0.00
P2-170	Instl Chill Plates,Tubing,Bag C4Station2)*2 shft	28SEP06	10	11OCT06	106		0.00	0.00
Station 3-Winding, Instl Chill Plates,Tubing,Bag								
P1-101	Wind coil C-2(station 3)	12OCT05*	49	21DEC05	65		0.00	0.00
P1-110	Instl Chill Plates,Tubing, Bag C2 (Station 3)	22DEC05	33	14FEB06	65		0.00	0.00
P3-011	Wind coil B1 (station 3)	15FEB06	38	07APR06	65		0.00	0.00
P3-020	Instl Chill Plates,Tubing, Bag B1 (Station 3)	10APR06	25	12MAY06	65		0.00	0.00
P1-131	Wind coil A4 (station 3) 60h/wk	15MAY06	28	22JUN06	65		0.00	0.00
P1-140	Instl Chl Plates,Tubing, BagA4Station 3) 60h/wk	23JUN06	19	20JUL06	65		0.00	0.00
P3-041	Wind coil B2 (station 3) 2 shift	21JUL06	19	16AUG06	70		0.00	0.00
P3-050	Instl Chl Plates,Tubing, BagB2Station 3)2 shft	17AUG06	12	01SEP06	70		0.00	0.00
P1-161	Wind coil B5 (station 3) **2 shift	05SEP06	16	26SEP06	78		0.00	0.00
P1-170	Instl Chill Plates,Tubing,Bag B5Station 3)*2shft	27SEP06	11	11OCT06	78		0.00	0.00
P3-071	Wind coil C5 (station 3) **2 shift	12OCT06	14	31OCT06	97		0.00	0.00
P3-080	Instl Chill Plates,Tubing,Bag C5Station 3)*2shft	01NOV06	10	14NOV06	97		0.00	0.00
Station 4-Winding, Instl Chill Plates,Tubing,Bag								
P2-011	Wind coil A1 (station 4)	02NOV05	49	19JAN06	70		0.00	0.00
P2-020	Instl Chill Plates,Tubing, Bag A1 (Station 4)	20JAN06	25	23FEB06	70		0.00	0.00
P3-101	Wind coil A2 (station 4)	24FEB06	38	18APR06	70		0.00	0.00
P3-110	Instl Chill Plates,Tubing, Bag A2 (Station 4)	19APR06	25	23MAY06	70		0.00	0.00
P2-041	Wind coil A5 (station 4) 60 h/wk	24MAY06	28	03JUL06	70		0.00	0.00
P2-050	Instl Chl Plates,Tubing, Bag A5 (Station 4)60h/w	05JUL06	19	31JUL06	70		0.00	0.00



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- Progress Bar
- Critical Activity

0502

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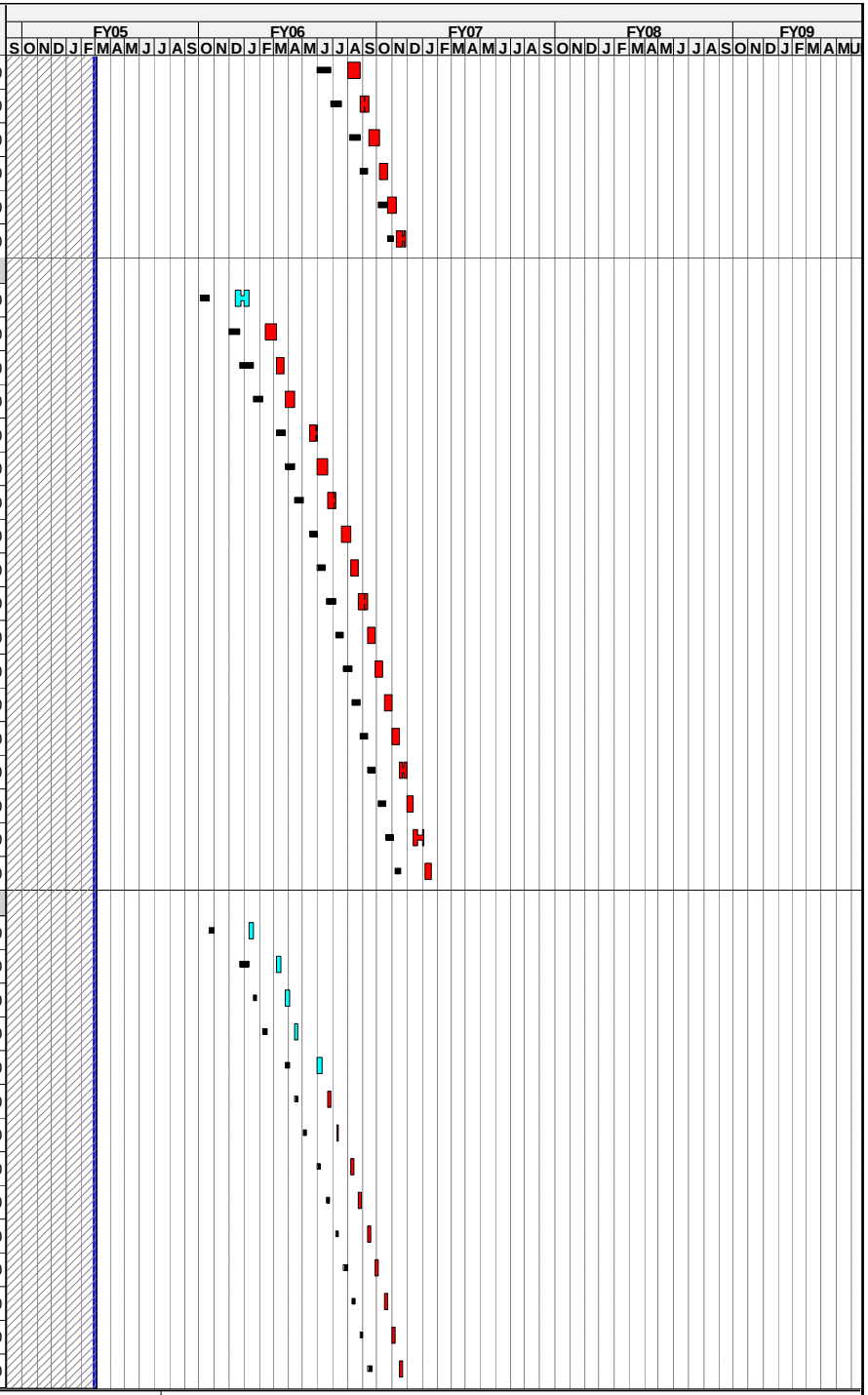
ECP 24
MARCH 1 Status

Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
P3-131	Wind coil B3 (station 4) 2 shift	01AUG06	19	25AUG06	75		0.00	0.00
P3-140	Instl Chl Plates,Tubing, Bag B3 (Station 4)2shft	28AUG06	12	13SEP06	75		0.00	0.00
P2-071	Wind coil B6 (station 4)**2 shift	14SEP06	16	05OCT06	82		0.00	0.00
P2-080	Instl Chill Plates,Tubing,Bag B6(Station 4)2shft	06OCT06	11	20OCT06	82		0.00	0.00
P3-161	Wind coil C6 (station 4)** 2 shift	23OCT06	14	09NOV06	100		0.00	0.00
P3-170	Instl Chill Plates,Tubing,BagC6Station 4)**2shft	10NOV06	10	27NOV06	100		0.00	0.00
Station 5-VPI								
P1-021V	VPI (Station 5) C1	13DEC05	14	09JAN06	121		0.00	0.00
P1-111V	VPI (Station 5) C2	15FEB06	14	06MAR06	95		0.00	0.00
P2-021V	VPI (Station 5) A1	07MAR06	14	24MAR06	95		0.00	0.00
P2-111V	VPI (Station 5) C3	27MAR06	14	13APR06	95		0.00	0.00
P3-021V	VPI (Station 5) B1	15MAY06	13	01JUN06	74		0.00	0.00
P3-111V	VPI (Station 5) A2	02JUN06	13	20JUN06	74		0.00	0.00
P1-051V	VPI (Station 5) A3	21JUN06	12	07JUL06	74		0.00	0.00
P1-141V	VPI (Station 5) A4	21JUL06	12	07AUG06	65		0.00	0.00
P2-051V	VPI (Station 5) A5	08AUG06	12	23AUG06	65		0.00	0.00
P2-141V	VPI (Station 5) A6	24AUG06	12	11SEP06	65		0.00	0.00
P3-051V	VPI (Station 5) B2	12SEP06	12	27SEP06	65		0.00	0.00
P3-141V	VPI (Station 5) B3	28SEP06	12	13OCT06	65		0.00	0.00
P1-081V	VPI (Station 5) B4	16OCT06	11	30OCT06	65		0.00	0.00
P1-171V	VPI (Station 5) B5	31OCT06	11	14NOV06	65		0.00	0.00
P2-081V	VPI (Station 5) B6	15NOV06	10	30NOV06	65		0.00	0.00
P3-081V	VPI (Station 5) C4	01DEC06	10	14DEC06	65		0.00	0.00
P2-171V	VPI (Station 5) C5	15DEC06	10	05JAN07	77		0.00	0.00
P3-171V	VPI (Station 5) C6	08JAN07	10	19JAN07	77		0.00	0.00
Station 1B Final Clamp Installation								
P1-021C	Install Clamps (Station1) C1	10JAN06	7	18JAN06	179		0.00	0.00
P1-111C	Install Clamps (Station1) C2	07MAR06	7	15MAR06	147		0.00	0.00
P2-021C	Install Clamps (Station1) A1	27MAR06	6	03APR06	142		0.00	0.00
P2-111C	Install Clamps (Station1) C3	14APR06	6	21APR06	135		0.00	0.00
P3-021C	Install Clamps (Station1) B1	02JUN06	5	08JUN06	109		0.00	0.00
P3-111C	Install Clamps (Station1) A2	21JUN06	5	27JUN06	103		0.00	0.00
P1-051C	Install Clamps (Station1) A3	10JUL06	5	14JUL06	98		0.00	0.00
P1-141C	Install Clamps (Station1) A4	08AUG06	5	14AUG06	84		0.00	0.00
P2-051C	Install Clamps (Station1) A5	24AUG06	5	30AUG06	79		0.00	0.00
P2-141C	Install Clamps (Station1) A6	12SEP06	5	18SEP06	74		0.00	0.00
P3-051C	Install Clamps (Station1) B2	28SEP06	5	04OCT06	69		0.00	0.00
P3-141C	Install Clamps (Station1) B3	16OCT06	5	20OCT06	78		0.00	0.00
P1-081C	Install Clamps (Station1) B4	31OCT06	5	06NOV06	75		0.00	0.00
P1-171C	Install Clamps (Station1) B5	15NOV06	5	21NOV06	71		0.00	0.00



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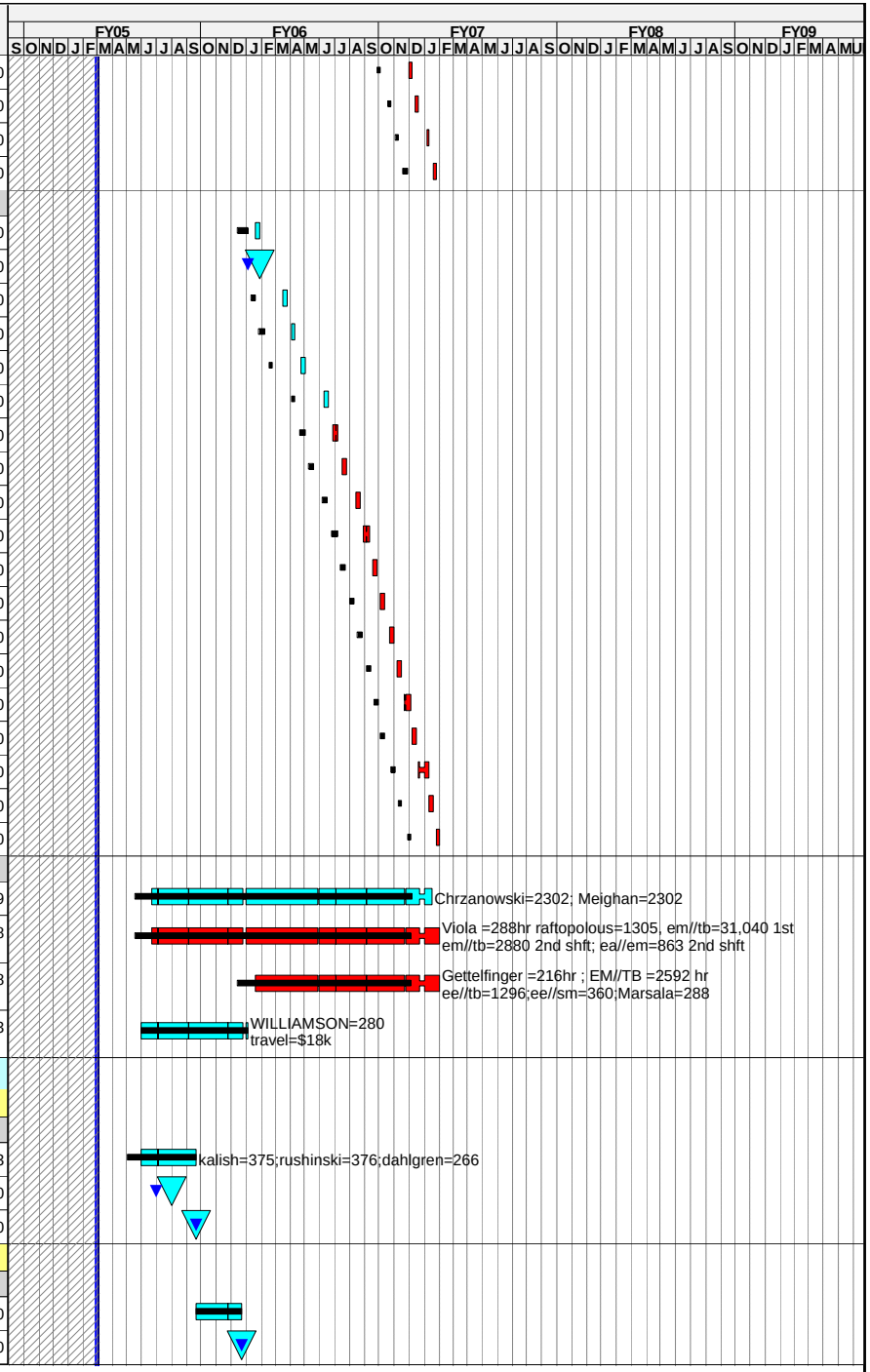
- xECP24
- Progress Bar
- Critical Activity

0502

NCSX
ECP 24
MARCH 1 Status

Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
P2-081C	Install Clamps (Station1) B6	01DEC06	5	07DEC06	68		0.00	0.00
P3-081C	Install Clamps (Station1) C4	15DEC06	5	21DEC06	65		0.00	0.00
P3-171C	Install Clamps (Station1) C5	08JAN07	4	11JAN07	78		0.00	0.00
P2-171C	Install Clamps (Station1) C6	22JAN07	4	25JAN07	77		0.00	0.00
Station 6- Coil Test Facility								
P1-021	Test Coil (Coil Test Stand) C1	19JAN06	8	30JAN06	179		0.00	0.00
P1-021.1	Complete First Mod Coil Fabrication C1		0	30JAN06	932		0.00	0.00
P1-111	Test Coil (Coil Test Stand) C2	16MAR06	8	27MAR06	147		0.00	0.00
P2-021	Test Coil (Coil Test Stand) A1	04APR06	7	12APR06	142		0.00	0.00
P2-111	Test Coil (Coil Test Stand) C3	24APR06	7	02MAY06	135		0.00	0.00
P3-021	Test Coil (Coil Test Stand) B1	09JUN06	7	19JUN06	109		0.00	0.00
P3-111	Test Coil (Coil Test Stand) A2	28JUN06	7	07JUL06	103		0.00	0.00
P1-051	Test Coil (Coil Test Stand) A3	17JUL06	7	25JUL06	98		0.00	0.00
P1-141	Test Coil (Coil Test Stand) A4	15AUG06	7	23AUG06	84		0.00	0.00
P2-051	Test Coil (Coil Test Stand) A5	31AUG06	7	11SEP06	79		0.00	0.00
P2-141	Test Coil (Coil Test Stand) A6	19SEP06	7	27SEP06	74		0.00	0.00
P3-051	Test Coil (Coil Test Stand) B2	05OCT06	7	13OCT06	69		0.00	0.00
P3-141	Test Coil (Coil Test Stand) B3	23OCT06	7	31OCT06	78		0.00	0.00
P1-081	Test Coil (Coil Test Stand) B4	07NOV06	7	15NOV06	75		0.00	0.00
P1-171	Test Coil (Coil Test Stand) B5	22NOV06	7	04DEC06	71		0.00	0.00
P2-081	Test Coil (Coil Test Stand) B6	08DEC06	7	18DEC06	68		0.00	0.00
P2-171	Test Coil (Coil Test Stand) C4	22DEC06	7	09JAN07	65		0.00	0.00
P3-171	Test Coil (Coil Test Stand) C5	12JAN07	6	19JAN07	78		0.00	0.00
P3-081	Test Coil (Coil Test Stand) C6	26JAN07	6	02FEB07	77		0.00	0.00
LABR								
171-040	Winding Oversight (LOE)	21JUN05*	391	17JAN07	691		0.00	653,158.29
171-041	Modular Coil Winding (18 coils)	21JUN05	403*	02FEB07	77		0.00	3,193,309.18
171-041CT	PBR Increment for cold testing	19JAN06	261*	02FEB07	77		0.00	446,885.28
TITLE3WIND	Titel III Design-PRODUCTION WINDING	01JUN05*	145*	03JAN06	951		0.00	72,489.23
15 - Structures								
Job: 1501 - Structures Design- Kalish								
1501-FY05	Prelim & Final Design Structures	01JUN05*	78	19SEP05	142		0.00	170,744.13
1501-PDR	Structures PDR		0	01AUG05*	1,059		0.00	0.00
1501-FDR	Structures FDR		0	19SEP05*	142		0.00	0.00
Job:1550 - Structures Procurement -KALISH								
1501-245	Prep Spec,Solicit Bids, and Evaluate Bids	20SEP05	65	21DEC05	142		0.00	0.00
162-036.9	Award Coil Support Assy		0	21DEC05*	142		0.00	0.00



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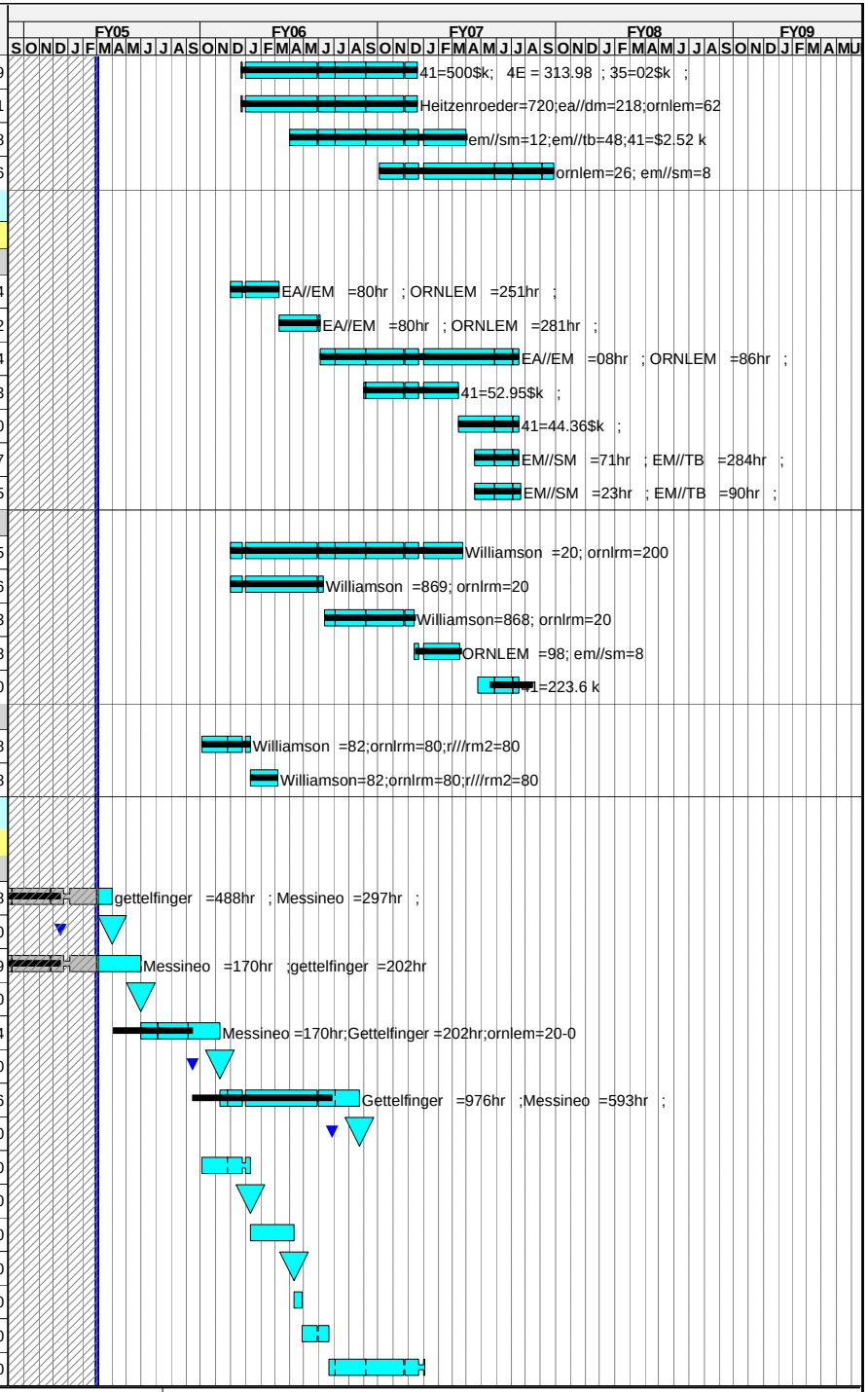
- december status
- xECP24
- Progress Bar
- Critical Activity

0502

NCSX
ECP 24
MARCH 1 Status

Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
162-037	WBS 151Coil Support Assy Procurement [A/1]	22DEC05	249	20DEC06	142		0.00	987,066.39
162-031	Title III engr WBS 151	22DEC05	249	20DEC06	705		0.00	157,423.61
153.037	WBS 153 Support Structure I&C Procurement/Fab	03APR06*	249	30MAR07	639		0.00	8,647.88
153.015	Title III design WBS 153 locall&C	02OCT06*	249	28SEP07	512		0.00	4,953.56
16 - Coil Services								
161 - LN2 Distribution								
191-001	Title I design WBS 161 LN2 manifolds&piping	01DEC05*	65	09MAR06	216		0.00	50,654.84
191-011	Title II design WBS 161 LN2 manifolds&piping	10MAR06	60	02JUN06	216		0.00	101,456.92
191-031	Title III engr WBS 161	05JUN06*	280	17JUL07	564		0.00	14,529.54
191-037	Procurement WBS 161	01SEP06*	130	14MAR07	153		0.00	69,873.63
191-038	PDR#17	15MAR07*	86	16JUL07	565		0.00	58,777.00
191-041	LN2 Manifolds & ppg Fab/assy/instl WBS 161	19APR07*	62	17JUL07	128		0.00	32,466.17
191-042	PDR #17,25,3	19APR07*	65	20JUL07	561		0.00	10,346.85
162 - Electrical Leads								
132-000	PDR #17 & 25	30NOV05*	325	22MAR07	645		0.00	40,192.85
132-001	Title I design WBS 162 Coil leads	01DEC05*	130	09JUN06	208		0.00	131,638.16
132-011	Title II design WBS 162 Coil leads	12JUN06	130	14DEC06	208		0.00	134,254.23
132-015	Title III design WBS 162 Coil leads	15DEC06*	60	16MAR07	649		0.00	16,089.08
132-037	Coil Leads Procurement WBS 162	24APR07*	60	18JUL07	122		0.00	296,296.50
163 - Coil Protection System								
163.001	Title I design WBS 163 Coil protection	03OCT05*	65	11JAN06	905		0.00	39,432.08
163.011	Title II design WBS 163 Coil protection	12JAN06	40	08MAR06	905		0.00	39,432.08
17 - Cryostat and Base Support Structure								
Job:1701-Cryost&Base Sprt Strct Dsn-GETTLEFINGER								
151-001	Title I design WBS 171 cryostat	01APR04A	248*	30MAR05	306	75	96,740.69	128,987.58
151-002	Cryostat PDR		0	30MAR05	306		0.00	0.00
161-001	Title I design WBS 172 base support struct	01APR04A	291*	31MAY05	149	85	43,462.54	51,132.39
151-003	Base Support Struct PDR		0	31MAY05	149		0.00	0.00
161-011	Final Design Base Support Structure WBS 172	01JUN05	114	09NOV05	149		0.00	62,677.54
172-199	Base Support Structure FDR		0	09NOV05	149		0.00	0.00
151-011	Final Design Cryostat WBS 171	10NOV05*	196	24AUG06	149		0.00	229,985.76
171-199	Cryostat FDR		0	24AUG06	149		0.00	0.00
173-100	Title I Design WBS 173 Spacer Manipulator	03OCT05*	65	11JAN06	139		0.00	0.00
173-115	WBS 173 Spacer Manipulator PDR		0	11JAN06	139		0.00	0.00
173-120	Title II Design WBS 173 Spacer Manipulator	12JAN06	65	12APR06	139		0.00	0.00
173-125	WBS 173 Spacer ManipulatorFDR		0	12APR06	139		0.00	0.00
173-130	Prep & Issues Req for Spacer Manipulator	13APR06	10	26APR06	139		0.00	0.00
173-135	Bid/Evaluate/Award Spacer Manipulator	27APR06	40	22JUN06	139		0.00	0.00
173-140	Fabricate Spacer Manipulator	23JUN06	130	04JAN07	139		0.00	0.00



Run Date **09MAR05 12:03**

december status
xECP24
Progress Bar
Critical Activity

0502

NCSX
ECP 24
MARCH 1 Status

Completed tasks omitted

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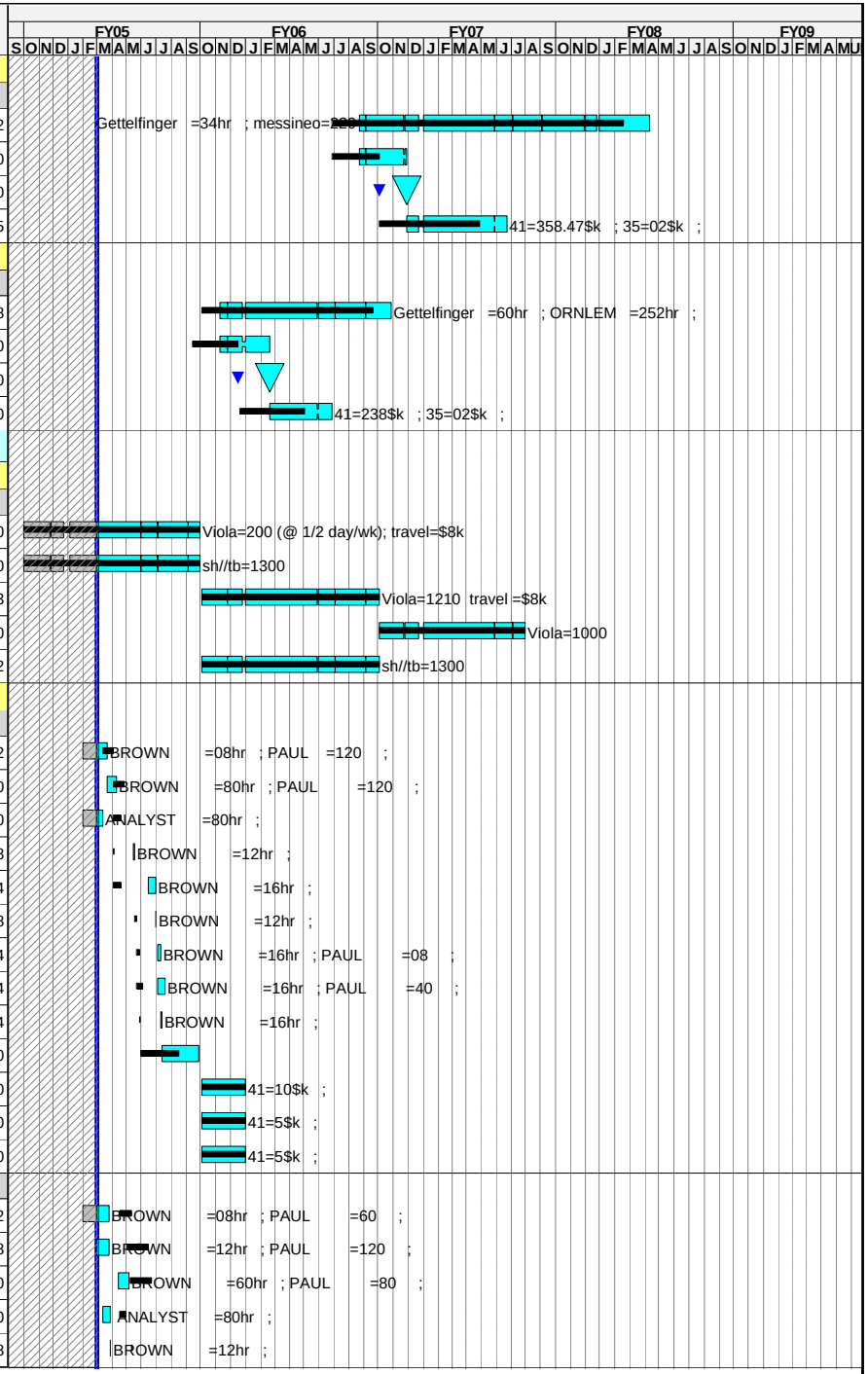
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
Job: 1751 - Cryostat Procurement								
171 - Cryostat								
151-031	Title III engr	25AUG06	405	10APR08	381		0.00	30,998.52
151-036.8	Prep Spec, Solicit bids, and Select Vendor	25AUG06	65	28NOV06	149		0.00	0.00
151-036.9	Award Cryostat Procurement		0	28NOV06*	149		0.00	0.00
151-037	Cryostat Procurement [A/1]	29NOV06*	141	22JUN07	149		0.00	478,642.75
Job: 1752 - Base Support Structure Procurement								
172 - Base Support Structure								
161-031	Title III engr WBS 172	10NOV05*	240	26OCT06	742		0.00	47,541.08
161-036.8	Prep Spec, Solicit bids, and Select Vendor	10NOV05	65	20FEB06	252		0.00	0.00
161-036.9	Award Machine Base&supports Procurement		0	20FEB06*	252		0.00	0.00
161-037	Machine Base&supports Procurement [A/1]	21FEB06	90	27JUN06	252		0.00	283,051.70
18 - Field Period Assembly								
Job: 1802 - FP Assy Oversight&Support-VIOLA								
Oversight and Supervision								
181.110	PPPL EM LOE FY05	01OCT04A	249*	30SEP05	1,010	LOE	18,676.39	47,402.00
181.210	HP Coverage in the TFTR TC LOE FY05	01OCT04A	249*	30SEP05	1,010	LOE	55,998.83	142,129.00
181.120	PPPL EM LOE FY06	03OCT05*	250*	02OCT06	760		0.00	220,592.53
181.121	PPPL EM LOE FY06	02OCT06*	207*	31JUL07	554		0.00	179,340.00
181.220	HP Coverage in the TFTR TC LOE FY06	03OCT05*	250*	02OCT06	760		0.00	144,966.02
Job: 1803- FP Assy Toolg/Constructability-BROWN								
VV Prep Station								
1803-1.02	VV Support Fixture - model design& drawing detai	01FEB05A	15	21MAR05	163	50	6,950.56	13,901.12
1803-1.04	Metrology -sightline layout metrology support	22MAR05	15	11APR05	180		0.00	25,989.20
1803-1.05	Structural / Seismic Analysis check	01FEB05A	10	14MAR05	200	20	2,686.24	13,431.20
1803-1.06	Design review PDR VV Prep Station	16MAY05*	2	17MAY05	124		0.00	2,014.68
1803-1.09	Safety Review documentation / presentation	16JUN05	10	29JUN05	124		0.00	2,686.24
1803-1.061	Design review FDR VV Prep Station	30JUN05*	2	01JUL05	124		0.00	2,014.68
1803-1.07	Design check and sign-off	05JUL05*	5	11JUL05	124		0.00	3,523.44
1803-1.10	Fab / Design Review - follow-up activities	05JUL05*	10	18JUL05	175		0.00	6,872.24
1803-1.08	Prep & Issue Spec,dwgs,and requisition	12JUL05*	1	12JUL05	124		0.00	2,686.24
1803-1.081	Procurement Lead Time and Award	13JUL05	55	27SEP05	124		0.00	0.00
1803-1.12	FAB - VV support Fixture	03OCT05*	65	30DEC05	129		0.00	12,900.00
1803-1.13	FAB VV Prep Station Platform	03OCT05*	65	30DEC05	129		0.00	6,450.00
1803-1.14	FAB VV Prep Station metrology stands	03OCT05*	65	30DEC05	129		0.00	6,450.00
Half Period Assembly								
1803-2.02	MC Holding Fixture 1 - model design and drawing	01FEB05A	18	24MAR05	328	50	3,811.06	7,622.12
1803-2.03	MC Assembly Fixture 2- design & drawing details	01MAR05	18	24MAR05	328		0.00	14,572.68
1803-2.04	Metrology - sightline layout design details metr	14APR05*	15	04MAY05	1,120		0.00	18,445.40
1803-2.05	Structural / Seismic Analysis check	15MAR05*	10	28MAR05	295		0.00	13,431.20
1803-2.06	PDR Half Period Assy	29MAR05*	1	29MAR05	295		0.00	2,014.68



Run Date **09MAR05 12:03**

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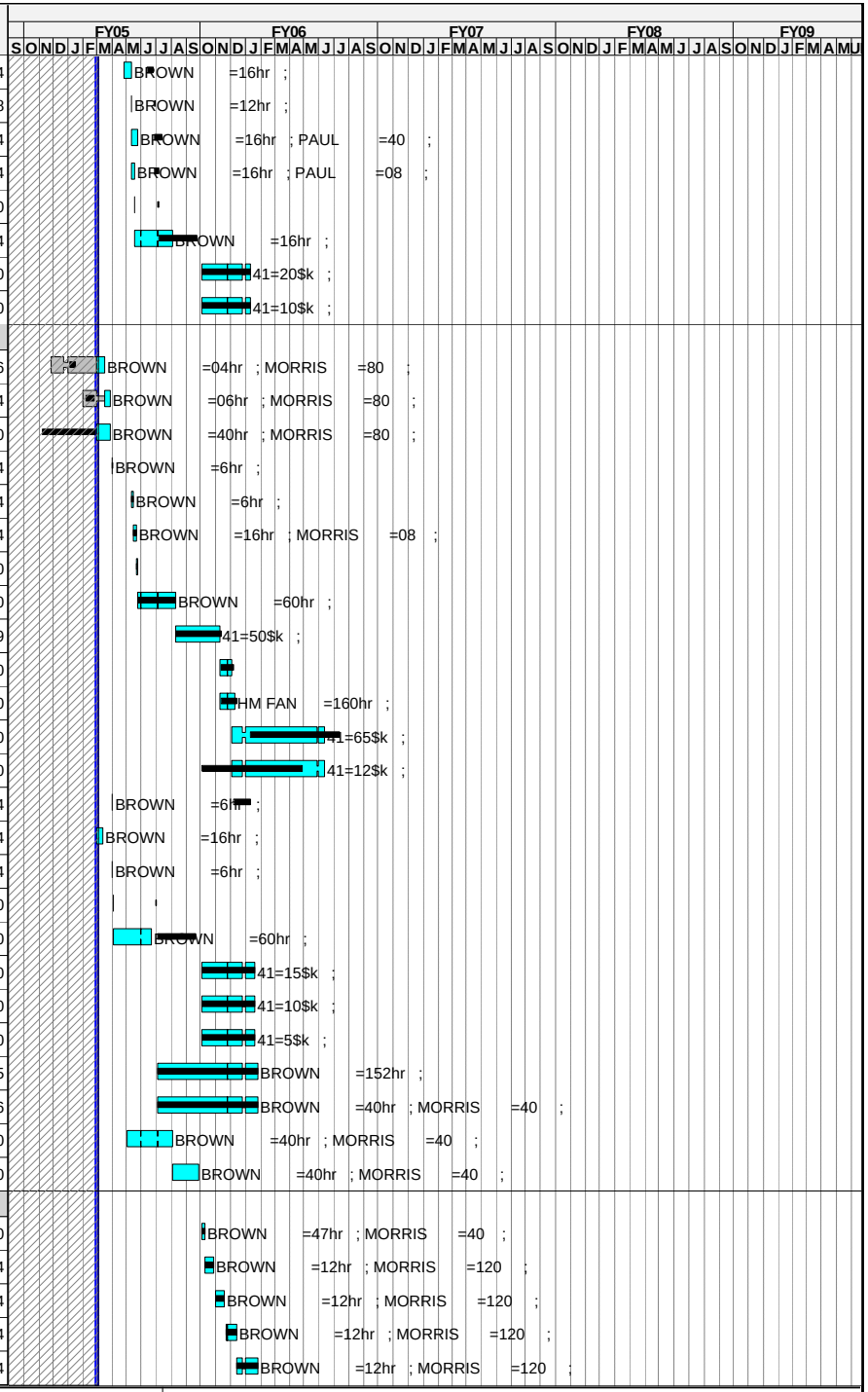
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
1803-2.09	Safety Review documentation / presentation	27APR05	10	10MAY05	295		0.00	2,686.24
1803-2.061	FDR Half Period Assy	11MAY05*	1	11MAY05	295		0.00	2,014.68
1803-2.10	Fab / Design Review - follow-up activities	12MAY05	10	25MAY05	1,105		0.00	6,872.24
1803-2.07	Design check and sign-off	12MAY05	5	18MAY05	295		0.00	3,523.44
1803-2.08A	Prep & Issue Spec,dwgs,and requisition	18MAY05	1	18MAY05	295		0.00	0.00
1803-2.08	Procurement Lead Time and Award	19MAY05	55	05AUG05	295		0.00	2,686.24
1803-2.11	Fab MC HP Assy Fixtures (2)	03OCT05*	65	11JAN06	255		0.00	25,800.00
1803-2.12	Fab MC MC HP Assy Metrology support stands (2)	03OCT05*	65	11JAN06	255		0.00	12,900.00
MC Installation								
1803-3.04	VV support stand - model design and drawing deta	29NOV04A	73*	17MAR05	352	85	7,687.03	9,043.56
1803-3.05	Platform - design and drawing details	01FEB05A	7	28MAR05	352	80	0.00	9,379.34
1803-3.06	Metrology - sightline layout design details metr	01MAR05*	20	28MAR05	352		0.00	15,087.60
1803-3.082	* PDR * Turning Fixture,base&gantry crane	31MAR05*	1	31MAR05	174		0.00	1,007.34
1803-3.083	* FDR * Turning Fixture,base&gantry crane	13MAY05	1	13MAY05	174		0.00	1,007.34
1803-3.09	Design check and sign-off	16MAY05*	5	20MAY05	174		0.00	3,523.44
1803-3.10A	Prep & Issue Spec,dwgs,and req-turning fixt	23MAY05	1	23MAY05	174		0.00	0.00
1803-3.10	Procurement lead time turning fixt,base&gantry	24MAY05	55	10AUG05	174		0.00	10,073.40
1803-3.15	Vendor Design MC Turning fixture & Base	11AUG05	65	09NOV05	174		0.00	67,317.69
1803-3.15B	FDR - MC Turning fixture & Base	10NOV05	15	02DEC05	174		0.00	0.00
1803-3.07	Structural / Seismic Analysis check	10NOV05*	20	09DEC05	967		0.00	27,395.20
1803-3.15C	Fabricate - MC Turning fixture & Base	05DEC05*	130	13JUN06	174		0.00	83,850.00
1803-3.15A	Fabricate - MC Gantry Crane	05DEC05*	130	13JUN06	174		0.00	15,480.00
1803-3.08	** PDR ** Platform & Support Stands	31MAR05*	1	31MAR05	349		0.00	1,007.34
1803-3.12	Safety Review documentation / presentation	01MAR05*	10	14MAR05	362		0.00	2,686.24
1803-3.081	** FDR ** Platform & Support Stands	01APR05*	1	01APR05	349		0.00	1,007.34
1803-3.110	Prep & Issue Spec,dwgs,and req-pltfrm&sprts	04APR05	1	04APR05	349		0.00	0.00
1803-3.101	Procurement lead time platforms & supports	05APR05	55	21JUN05	349		0.00	10,073.40
1803-3.16	FAB - VV suprt stand & misc crane fixtures	03OCT05*	70	18JAN06	277		0.00	19,350.00
1803-3.16A	FAB -Platform	03OCT05*	70	18JAN06	277		0.00	12,900.00
1803-3.16B	FAB -MC Installation Metrology sprt stands	03OCT05*	70	18JAN06	277		0.00	6,450.00
1803-3.11	Procurement Technical Rep	05JUL05*	140	26JAN06	939		0.00	25,794.05
1803-3.13	Fabrication - follow-up activities	05JUL05*	140	26JAN06	939		0.00	11,018.86
1803-3.90	Facility Prep-Design	02MAY05*	65	02AUG05	188		0.00	0.00
1803-3.99	Facility Prep-Installations/Field mods	03AUG05	40	27SEP05	188		0.00	0.00
Final FP Assembly								
1803-4.01	Concept definition and requirements	03OCT05*	5	07OCT05	211		0.00	11,117.60
1803-4.02	MC Support Stand - model design and drawing deta	10OCT05	15	28OCT05	211		0.00	14,861.04
1803-4.03	TF HP support turning fixture - model design d	31OCT05	15	18NOV05	211		0.00	14,861.04
1803-4.04	FP Assembly platform - model design drawing det	21NOV05	15	13DEC05	211		0.00	14,861.04
1803-4.05	VV Port Alignment/Weldment Fixture - design and	14DEC05	25	25JAN06	211		0.00	14,861.04



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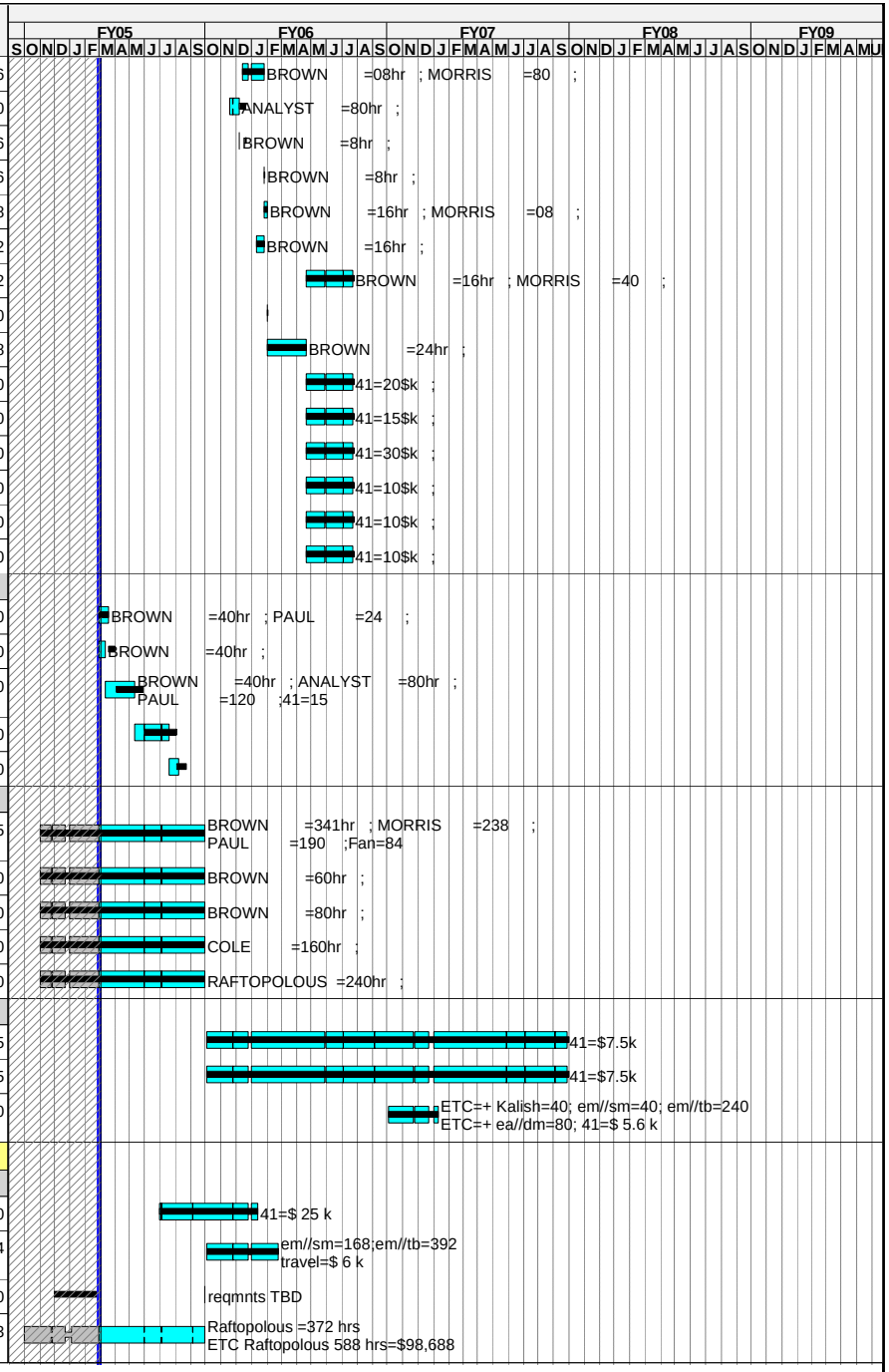
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
1803-4.06	Metrology - sightline layout design details metr	14DEC05	25	25JAN06	211		0.00	9,907.36
1803-4.07	Structural / Seismic Analysis check	18NOV05	10	05DEC05	211		0.00	13,697.60
1803-4.08	PDR Final FP Assy	06DEC05	1	06DEC05	211		0.00	1,369.76
1803-4.081	FDR Final FP Assy	26JAN06	1	26JAN06	211		0.00	1,369.76
1803-4.09	Design check and sign-off	27JAN06	5	02FEB06	211		0.00	3,593.28
1803-4.11	Safety Review documentation / presentation	12JAN06	10	25JAN06	211		0.00	2,739.52
1803-4.12	Fabrication - follow-up activities	21APR06	65	24JUL06	211		0.00	7,008.32
1803-4.10A	Prep & Issue Spec,dwgs,and req-pltfrm&sprts	02FEB06	1	02FEB06	211		0.00	0.00
1803-4.10	Procurement lead time	03FEB06	55	20APR06	211		0.00	4,109.28
1803-4.13	FAB-MC Support Stands (2)	21APR06*	65	24JUL06	211		0.00	25,800.00
1803-4.14	FAB-TF HP support & Turning Fixtures (2)	21APR06*	65	24JUL06	238		0.00	19,350.00
1803-4.15	FAB-FP Assy platforms (2)	21APR06*	65	24JUL06	211		0.00	38,700.00
1803-4.16	FAB-MC Temporary End Supports (2)	21APR06*	65	24JUL06	211		0.00	12,900.00
1803-4.17	FAB-Final FP Assy Metrology suprt stands (2)	21APR06*	65	24JUL06	211		0.00	12,900.00
1803-4.18	FAB-VV Port alignment/weldment fixtures (2)	21APR06*	65	24JUL06	211		0.00	12,900.00
Interface/Test Activities								
1803-5.01	Finalize TFTR test cell FPA assembly layout draw	01MAR05*	14	18MAR05	1,153		0.00	9,227.20
1803-5.02	Establish an assembly interface requirements doc	01MAR05*	10	14MAR05	1,054		0.00	6,715.60
1803-5.03	Develop test components as needed to qualify ass	15MAR05*	43	12MAY05	1,054		0.00	53,539.80
1803-5.04	Fab - Test Articles	13MAY05*	45	18JUL05	1,054		0.00	0.00
1803-5.05	Metrology Validation	19JUL05	15	08AUG05	1,054		0.00	0.00
Oversight								
1803-7.01	Meetings Prep and Reporting	01NOV04A	230*	30SEP05	1,015	LOE	39,372.64	116,143.45
1803-7.02	Develop and maintain concept definition document	01NOV04A	230*	30SEP05	1,015	LOE	3,414.88	10,073.40
1803-7.03	Develop and maintain assembly plan document	01NOV04A	230*	30SEP05	1,015	LOE	4,553.18	13,431.20
1803-7.04	Mike Cole's FY05 on-site involvement in assembly	01NOV04A	230*	30SEP05	1,015	LOE	7,986.30	23,558.40
1803-8	Metrology Support	01NOV04A	230*	30SEP05	1,015	LOE	13,659.53	40,293.60
Tooling Design & Fabrication								
713A.040	General procurements	03OCT05*	498	28SEP07	512		0.00	9,806.25
713A.050	Welding tools, materials & equipt	03OCT05*	498	28SEP07	512		0.00	9,806.25
713A.060	Instl He gas piping from NSTX to D-site tc	02OCT06*	65	10JAN07	696		0.00	43,287.80
Job: 1804-FP Assy Measurement Sys-RAFTOPOULOS								
Metrology								
740.050	Purchase- targets [A/9]	01JUL05*	130	12JAN06	944		0.00	34,725.00
740.020	Facility Prep	03OCT05*	95	22FEB06	915		0.00	60,857.04
740.035	Deliver Metrology Software	30SEP05*	1	30SEP05	1,010		0.00	0.00
740.012	Metrology Requirements coordination	01OCT04A	249*	30SEP05	1,010	LOE	24,599.36	62,434.93



Run Date 09MAR05 12:03

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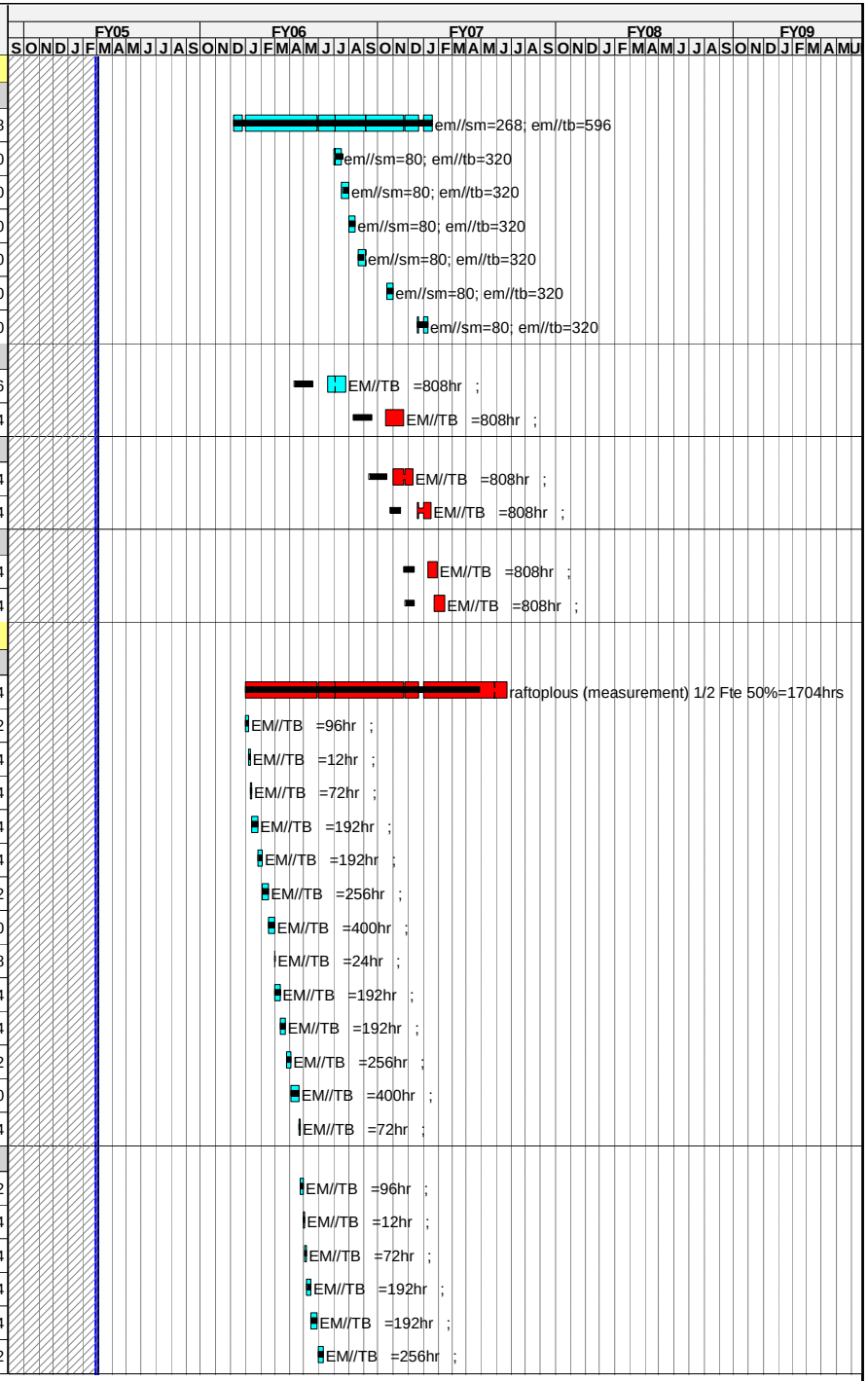
- december status
- xECP24
- Progress Bar
- Critical Activity

0502

NCSX
ECP 24
MARCH 1 Status

Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
1808 - TF/Mod Coil Sub-Assembly-VIOLA								
TF Coil Sub-assembly								
722.010	Receive/Inspect TF & PF Coils	07DEC05*	276*	19JAN07	689		0.00	79,114.78
184-100	Assemble 3 TF coils&structure -Left-Period #1	03JUL06	10	17JUL06	211		0.00	34,838.40
184-105	Assemble 3 TF coils&structure -Right -Period #1	18JUL06	10	31JUL06	211		0.00	34,838.40
184-110	Assemble 3 TF coils&structure -Left-Period #2	01AUG06	10	14AUG06	211		0.00	34,838.40
184-115	Assemble 3 TF coils&structure -Right -Period #2	22AUG06	10	05SEP06	206		0.00	34,838.40
184-120	Assemble 3 TF coils&structure -Left -Period #3	19OCT06	10	01NOV06	175		0.00	36,581.60
184-125	Assemble 3 TF coils&structure -Right -Period #3	21DEC06	10	11JAN07	142		0.00	36,581.60
Stage 2 MC subassy FP#1								
S2P1-100	Assemble Mod-Coils a1.b1,c1 FP 1 left	20JUN06	27	27JUL06	143		0.00	65,544.96
S2P1-200	Assemble Mod-Coils a2.b2,c2 FP 1 right	16OCT06	27	21NOV06	69		0.00	68,825.44
Stage 2 MC subassy FP#2								
S2P2-100	Assemble Mod-Coils a3.b3,c3 FP 2 left	01NOV06*	27	11DEC06	78		0.00	68,825.44
S2P2-200	Assemble Mod-Coils a4.b4,c4 FP 2 right *2 shift*	22DEC06	14	18JAN07	65		0.00	68,825.44
Stage 2 MC subassy FP#3								
S2P3-100	Assemble Mod-Coils a5.b5,c5 FP 3 left*2 shift*	11JAN07	14	30JAN07	78		0.00	68,825.44
S2P3-200	Assemble Mod-Coils a6.b6,c6 FP 3 right*2 shift*	25JAN07	14	13FEB07	77		0.00	68,825.44
Job:1810 - Field Period Assembly-VIOLA								
Stage 1 VV Prep FP#1								
S1P1-000	LOE support staff for FP assemblies	03JAN06	372*	21JUN07	66		0.00	298,816.74
S1P1-101	Receive VV and inspect	03JAN06	4	06JAN06	127		0.00	7,787.52
S1P1-102	Mount VV on VV Prep fixture (top side up)	09JAN06	1	09JAN06	127		0.00	973.44
S1P1-103	Establish metrology setting; align VV base	10JAN06	3	12JAN06	127		0.00	5,840.64
S1P1-106	Attach studs for coolant lines,insulation on top	13JAN06	8	24JAN06	127		0.00	15,575.04
S1P1-107	Wind magnetic diagnostic sensors to top surface	25JAN06	8	03FEB06	127		0.00	15,575.04
S1P1-108	Install cooling/htg lines to vac vsl top surface	06FEB06	8	15FEB06	127		0.00	20,766.72
S1P1-109	Install insulation to vac vsl to top surface	16FEB06	10	01MAR06	127		0.00	32,448.00
S1P1-110	Flip VV to expose lower surface	02MAR06	1	02MAR06	127		0.00	1,946.88
S1P1-112	Attach studs for coolant lines, insulation bott	03MAR06	8	14MAR06	127		0.00	15,575.04
S1P1-113	Wind magnetic diagnostic sensors to bot surface	15MAR06	8	24MAR06	127		0.00	15,575.04
S1P1-114	Install cooling/htg lines to vac vsl bot surface	27MAR06	8	05APR06	127		0.00	20,766.72
S1P1-115	Install insulation to vac vsl to bot surface	06APR06	10	19APR06	127		0.00	32,448.00
S1P1-116	Prepare and transfer completed VV to holding are	20APR06	3	24APR06	127		0.00	5,840.64
Stage 1 VV Prep FP#2								
S1P2-101	Receive VV and inspect	25APR06	4	28APR06	127		0.00	7,787.52
S1P2-102	Mount VV on VV Prep fixture (top side up)	01MAY06	1	01MAY06	127		0.00	973.44
S1P2-103	Establish metrology setting; align VV base	02MAY06	3	04MAY06	127		0.00	5,840.64
S1P2-106	Attach studs forcoolant lines,insulation on top	05MAY06	8	16MAY06	127		0.00	15,575.04
S1P2-107	Wind magnetic diagnostic sensors to top surface	17MAY06	8	26MAY06	127		0.00	15,575.04
S1P2-108	Install cooling/htg lines to vac vsl top surface	30MAY06	8	08JUN06	127		0.00	20,766.72



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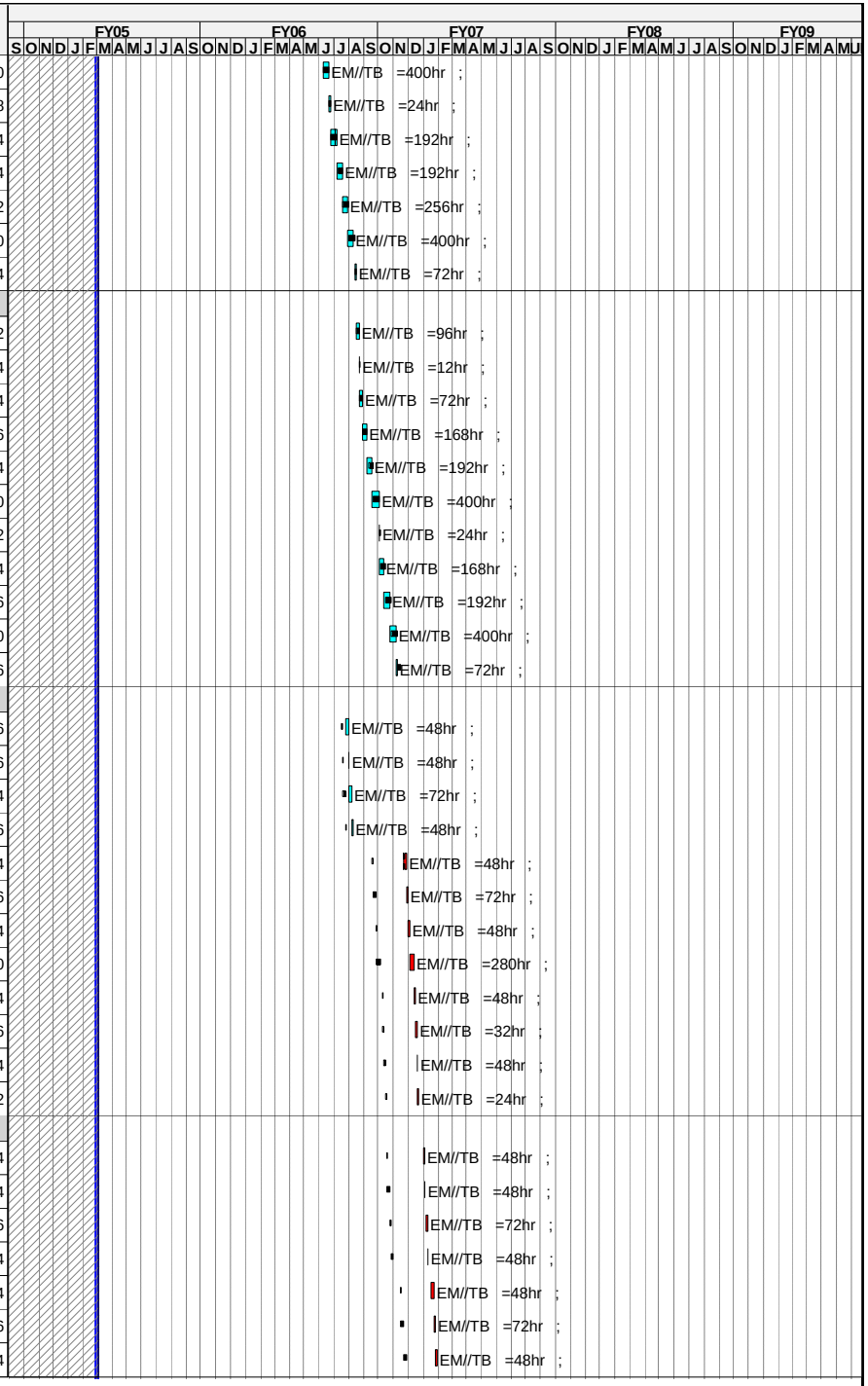
- december status
- xECP24
- Progress Bar
- Critical Activity

0502

NCSX
ECP 24
MARCH 1 Status

Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
S1P2-109	Install insulation to vac vsl to top surface	09JUN06	10	22JUN06	127		0.00	32,448.00
S1P2-110	Flip VV to expose lower surface	23JUN06	1	23JUN06	127		0.00	1,946.88
S1P2-112	Attach studs for coolant lines, insulation bott	26JUN06	8	06JUL06	127		0.00	15,575.04
S1P2-113	Wind magnetic diagnostic sensors to bot surface	07JUL06	8	18JUL06	127		0.00	15,575.04
S1P2-114	Install cooling/htg lines to vac vsl bot surface	19JUL06	8	28JUL06	127		0.00	20,766.72
S1P2-115	Install insulation to vac vsl to bot surface	31JUL06	10	11AUG06	127		0.00	32,448.00
S1P2-116	Prepare and transfer completed VV to holding are	14AUG06	3	16AUG06	127		0.00	5,840.64
Stage 1 VV Prep FP#3								
S1P3-101	Receive VV and inspect	17AUG06	4	22AUG06	127		0.00	7,787.52
S1P3-102	Mount VV on VV Prep fixture (top side up)	23AUG06	1	23AUG06	127		0.00	973.44
S1P3-103	Establish metrology setting; align VV base	24AUG06	3	28AUG06	127		0.00	5,840.64
S1P3-106	Attach studs forcoolant lines,insulation on top	29AUG06	7	06SEP06	127		0.00	13,628.16
S1P3-107	Install cooling/htg lines to vac vsl top surface	07SEP06	8	18SEP06	127		0.00	15,575.04
S1P3-108	Install insulation to vac vsl to top surface	19SEP06	10	02OCT06	127		0.00	32,610.40
S1P3-109	Flip VV to expose lower surface	03OCT06	1	03OCT06	127		0.00	2,044.32
S1P3-110	Attach studs, coolant lines and insulation on bo	04OCT06	7	12OCT06	127		0.00	14,310.24
S1P3-112	Attach studs for coolant lines, insulation bott	13OCT06	8	24OCT06	127		0.00	16,354.56
S1P3-113	Install insulation to vac vsl to bot surface	25OCT06	10	07NOV06	127		0.00	34,072.00
S1P3-114	Prepare and transfer completed VV to holding are	08NOV06	3	10NOV06	127		0.00	6,132.96
Stage 3 MC Installation-FP#1								
S3P1-101	Mount VV to MC turning fixt base; metr check	28JUL06	2	31JUL06	143		0.00	3,893.76
S3P1-102	Mount MC on turning fixt; perform metr checks	01AUG06	2	02AUG06	143		0.00	3,893.76
S3P1-103	Rotate right MC to stand-off position&chk	03AUG06	3	07AUG06	143		0.00	5,840.64
S3P1-104	Transfer load to crane and recheck position	08AUG06	2	09AUG06	143		0.00	3,893.76
S3P1-105	Move MC turning fixt; mount MC on turning fixt	22NOV06	2	27NOV06	69		0.00	4,088.64
S3P1-106	Rotate left MC to stand-off position and check p	28NOV06	3	30NOV06	69		0.00	6,132.96
S3P1-107	Move left & right MC to final position & measure	01DEC06	2	04DEC06	69		0.00	4,088.64
S3P1-108	Install shims (as reqd); ream 24 holes	05DEC06	7	13DEC06	69		0.00	23,850.40
S3P1-109	Bolt together at flange interface.	14DEC06	2	15DEC06	69		0.00	4,088.64
S3P1-110	Perform final metrology position check	18DEC06	2	19DEC06	69		0.00	2,725.76
S3P1-111	Secure VV to MC's using temporary supports.	20DEC06	2	21DEC06	69		0.00	4,088.64
S3P1-112	Prep& xfr completed assembly to Stage 4 area	22DEC06	1	22DEC06	69		0.00	2,044.32
Stage 3 MC Installation-FP#2								
S3P2-101	Mount VV to MC turning fixt base; metr check	02JAN07	2	03JAN07	69		0.00	4,088.64
S3P2-102	Mount MC on turning fixt; perform metr checks	04JAN07	2	05JAN07	69		0.00	4,088.64
S3P2-103	Rotate right MC to stand-off position&chk	08JAN07	3	10JAN07	69		0.00	6,132.96
S3P2-104	Transfer load to crane and recheck position	11JAN07	2	12JAN07	69		0.00	4,088.64
S3P2-105	Move MC turning fixt; mount MC on turning fixt	19JAN07	2	22JAN07	65		0.00	4,088.64
S3P2-106	Rotate left MC to stand-off position and check p	23JAN07	3	25JAN07	65		0.00	6,132.96
S3P2-107	Move left & right MC to final position & measure	26JAN07	2	29JAN07	65		0.00	4,088.64



Run Date **09MAR05 12:03**

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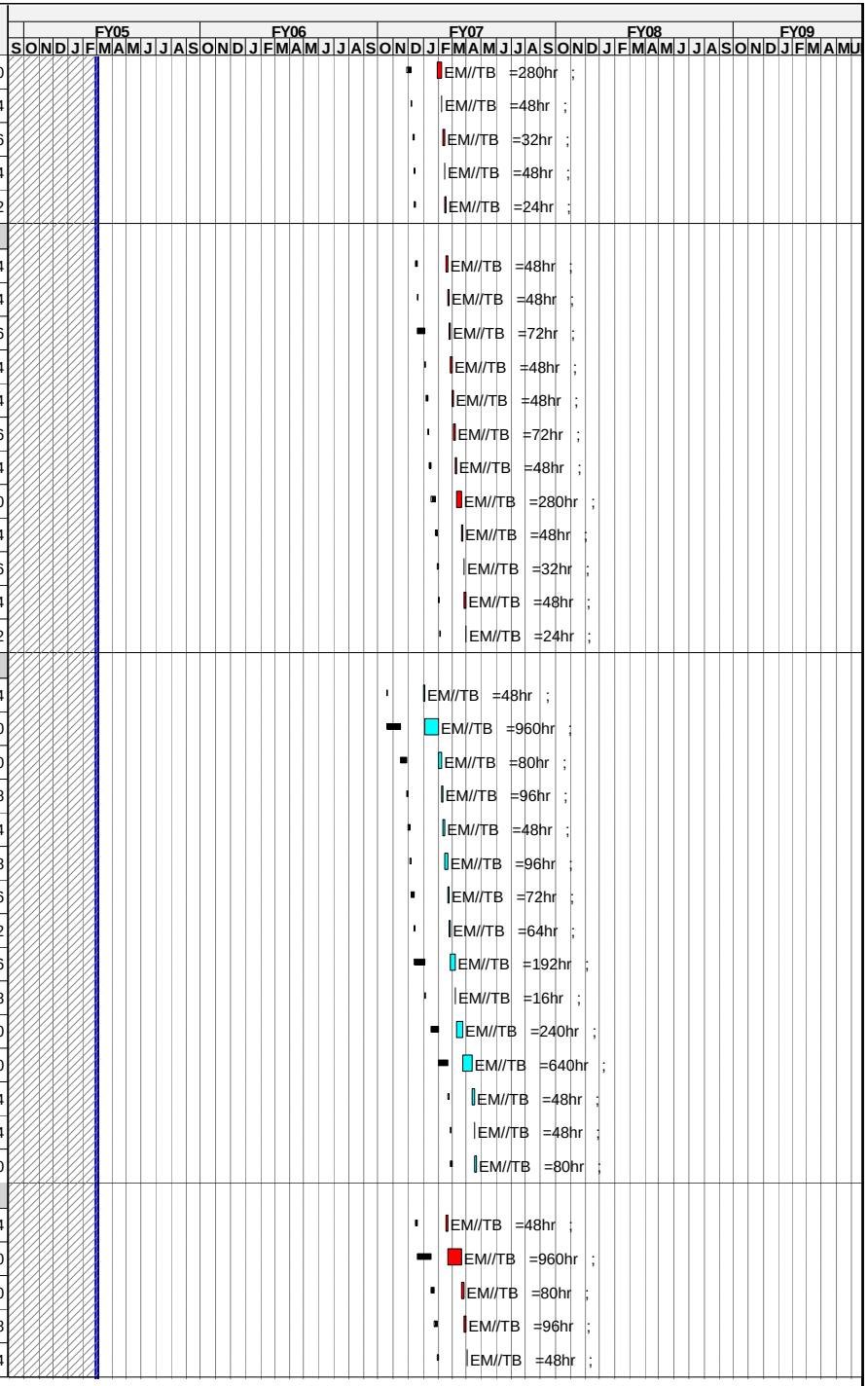
- december status
- xECP24
- Progress Bar
- Critical Activity

0502

NCSX
ECP 24
MARCH 1 Status

Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
S3P2-108	Install shims (as reqd); ream 24 holes	30JAN07	7	07FEB07	65		0.00	23,850.40
S3P2-109	Bolt together at flange interface.	08FEB07	2	09FEB07	65		0.00	4,088.64
S3P2-110	Perform final metrology position check	12FEB07	2	13FEB07	65		0.00	2,725.76
S3P2-111	Secure VV to MC's using temporary supports.	14FEB07	2	15FEB07	65		0.00	4,088.64
S3P2-112	Prep& xfr completed assembly to Stage 4 area	16FEB07	1	16FEB07	65		0.00	2,044.32
Stage 3 MC Installation-FP#3								
S3P3-101	Mount VV to MC turning fixt base; metr check	19FEB07	2	20FEB07	65		0.00	4,088.64
S3P3-102	Mount MC on turning fixt; perform metr checks	21FEB07	2	22FEB07	65		0.00	4,088.64
S3P3-103	Rotate right MC to stand-off position&chk	23FEB07	3	27FEB07	65		0.00	6,132.96
S3P3-104	Transfer load to crane and recheck position	28FEB07	2	01MAR07	65		0.00	4,088.64
S3P3-105	Move MC turning fixt; mount MC on turning fixt	02MAR07	2	05MAR07	65		0.00	4,088.64
S3P3-106	Rotate left MC to stand-off position and check p	06MAR07	3	08MAR07	65		0.00	6,132.96
S3P3-107	Move left & right MC to final position & measure	09MAR07	2	12MAR07	65		0.00	4,088.64
S3P3-108	Install shims (as reqd); ream 24 holes	13MAR07	7	21MAR07	65		0.00	23,850.40
S3P3-109	Bolt together at flange interface.	22MAR07	2	23MAR07	65		0.00	4,088.64
S3P3-110	Perform final metrology position check	26MAR07	2	27MAR07	65		0.00	2,725.76
S3P3-111	Secure VV to MC's using temporary supports.	28MAR07	2	29MAR07	65		0.00	4,088.64
S3P3-112	Prep& xfr completed assembly to Stage 4 area	30MAR07	1	30MAR07	65		0.00	2,044.32
Stage 4 - Final FP Assy FP#1								
S4P1-101	Mount MC/VV assembly to support frame a	02JAN07	2	03JAN07	104		0.00	4,088.64
S4P1-102	Position and weld all ports to VV	04JAN07	20	31JAN07	104		0.00	81,772.80
S4P1-103	Inspect Welds	01FEB07	5	07FEB07	104		0.00	6,814.40
S4P1-104	Assemble left TF Coil Assembly check position	08FEB07	3	12FEB07	104		0.00	8,177.28
S4P1-105	Change platforms	13FEB07	2	14FEB07	104		0.00	4,088.64
S4P1-106	Assemble right TF Coil Assembly	15FEB07	3	19FEB07	104		0.00	8,177.28
S4P1-107	Attach TF coils to MC's	20FEB07	3	22FEB07	104		0.00	6,132.96
S4P1-108	Change platforms	23FEB07	2	26FEB07	104		0.00	5,451.52
S4P1-109	Position, weld two large horizontal diag ports	27FEB07	8	08MAR07	104		0.00	16,354.56
S4P1-110	Inspect Welds	09MAR07	1	09MAR07	104		0.00	1,362.88
S4P1-111	Assemble external trim coils to TF Coil	12MAR07	10	23MAR07	104		0.00	20,443.20
S4P1-112	Close up VV, bakeout 350 deg C, leak check	24MAR07	20	12APR07	147		0.00	54,515.20
S4P1-113	Adjust final support base interfaces	13APR07	2	16APR07	104		0.00	4,088.64
S4P1-114	Prepare Field Period for shipment	17APR07	2	18APR07	104		0.00	4,088.64
S4P1-115	Transfer completed assy to C-site test cell	19APR07	2	20APR07	104		0.00	6,814.40
Stage 4 - Final FP Assy FP#2								
S4P2-101	Mount MC/VV assembly to support frame a	19FEB07	2	20FEB07	80		0.00	4,088.64
S4P2-102	Position and weld all ports to VV	21FEB07	20	20MAR07	80		0.00	81,772.80
S4P2-103	Inspect Welds	21MAR07	5	27MAR07	80		0.00	6,814.40
S4P2-104	Assemble left TF Coil Assembly check position	28MAR07	3	30MAR07	80		0.00	8,177.28
S4P2-105	Change platforms	02APR07	2	03APR07	80		0.00	4,088.64



Run Date **09MAR05 12:03**

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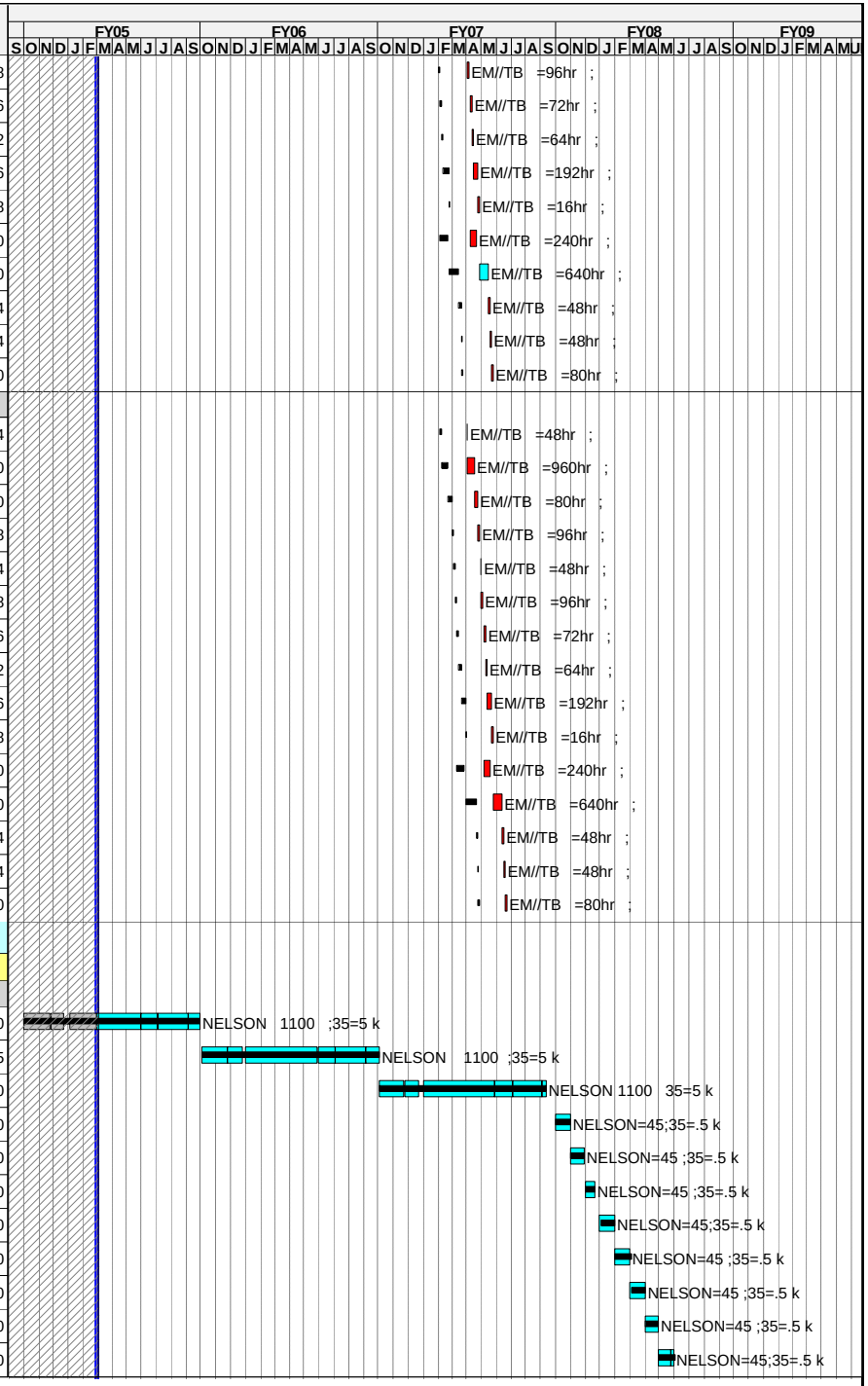
- december status
- xECP24
- Progress Bar
- Critical Activity

0502

NCSX
ECP 24
MARCH 1 Status

Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
S4P2-106	Assemble right TF Coil Assembly	04APR07	3	06APR07	80		0.00	8,177.28
S4P2-107	Attach TF coils to MC's	09APR07	3	11APR07	80		0.00	6,132.96
S4P2-108	Change platforms	12APR07	2	13APR07	80		0.00	5,451.52
S4P2-109	Position, weld two large horizontal diag ports	16APR07	8	25APR07	80		0.00	16,354.56
S4P2-110	Inspect Welds	26APR07	1	26APR07	80		0.00	1,362.88
S4P2-111	Assemble external trim coils to TF Coil	09APR07	10	20APR07	84		0.00	20,443.20
S4P2-112	Close up VV, bakeout 350 deg C, leak check	27APR07	20	16MAY07	113		0.00	54,515.20
S4P2-113	Adjust final support base interfaces	17MAY07	2	18MAY07	80		0.00	4,088.64
S4P2-114	Prepare Field Period for shipment	21MAY07	2	22MAY07	80		0.00	4,088.64
S4P2-115	Transfer completed assy to C-site test cell	23MAY07	2	24MAY07	80		0.00	6,814.40
Stage 4 - Final FP Assy FP#3								
S4P3-101	Mount MC/VV assembly to support frame a	02APR07	2	03APR07	65		0.00	4,088.64
S4P3-102	Position and weld all ports to VV*2 shift*	04APR07	10	17APR07	65		0.00	81,772.80
S4P3-103	Inspect Welds	18APR07	5	24APR07	65		0.00	6,814.40
S4P3-104	Assemble left TF Coil Assembly check position	25APR07	3	27APR07	65		0.00	8,177.28
S4P3-105	Change platforms	30APR07	2	01MAY07	65		0.00	4,088.64
S4P3-106	Assemble right TF Coil Assembly	02MAY07	3	04MAY07	65		0.00	8,177.28
S4P3-107	Attach TF coils to MC's	07MAY07	3	09MAY07	65		0.00	6,132.96
S4P3-108	Change platforms	10MAY07	2	11MAY07	65		0.00	5,451.52
S4P3-109	Position, weld two large horizontal diag ports	14MAY07	8	23MAY07	65		0.00	16,354.56
S4P3-110	Inspect Welds	24MAY07	1	24MAY07	65		0.00	1,362.88
S4P3-111	Assemble external trim coils to TF Coil	07MAY07	10	18MAY07	69		0.00	20,443.20
S4P3-112	Close up VV, bakeout 350 deg C, leak check	25MAY07	20	13JUN07	92		0.00	54,515.20
S4P3-113	Adjust final support base interfaces	14JUN07	2	15JUN07	66		0.00	4,088.64
S4P3-114	Prepare Field Period for shipment	18JUN07	2	19JUN07	66		0.00	4,088.64
S4P3-115	Transfer completed assy to C-site test cell	20JUN07	2	21JUN07	66		0.00	6,814.40
19 - Stellarator Core Management and Integration								
Job: 1901 - Stellarator Core Mngtt&Integr-NELSON								
191 - Stellarator Core Management & Oversight								
0191-5	LOE-FY05 WBS 191	01OCT04A	249*	30SEP05	1,010	LOE	67,237.68	170,654.00
0191-6	LOE-FY06 WBS 191	03OCT05*	250*	02OCT06	526	LOE	0.00	170,673.65
0191-6X	LOE-FY07 WBS 191	03OCT06*	234	10SEP07	526	LOE	0.00	179,301.00
0191-91	LOE-FY06 WBS 191 1 mo SO	01OCT07*	22	30OCT07	346	LOE	0.00	7,877.20
0191-92	LOE-FY06 WBS 191 1 mo SO	31OCT07*	21	28NOV07	346	LOE	0.00	7,877.20
0191-93	LOE-FY06 WBS 191 1 mo SO	03DEC07*	15	21DEC07	346	LOE	0.00	7,877.20
0191-94	LOE-FY06 WBS 191 1 mo SO	01JAN08*	22	30JAN08	346	LOE	0.00	7,877.20
0191-95	LOE-FY06 WBS 191 1 mo SO	31JAN08*	22	29FEB08	346	LOE	0.00	7,877.20
0191-96	LOE-FY06 WBS 191 1 mo SO	03MAR08*	22	01APR08	346	LOE	0.00	7,877.20
0191-97	LOE-FY06 WBS 191 1 mo SO	02APR08*	21	30APR08	346	LOE	0.00	7,877.20
0191-98	LOE-FY06 WBS 191 1 mo SO	01MAY08*	21	30MAY08	346	LOE	0.00	7,877.20



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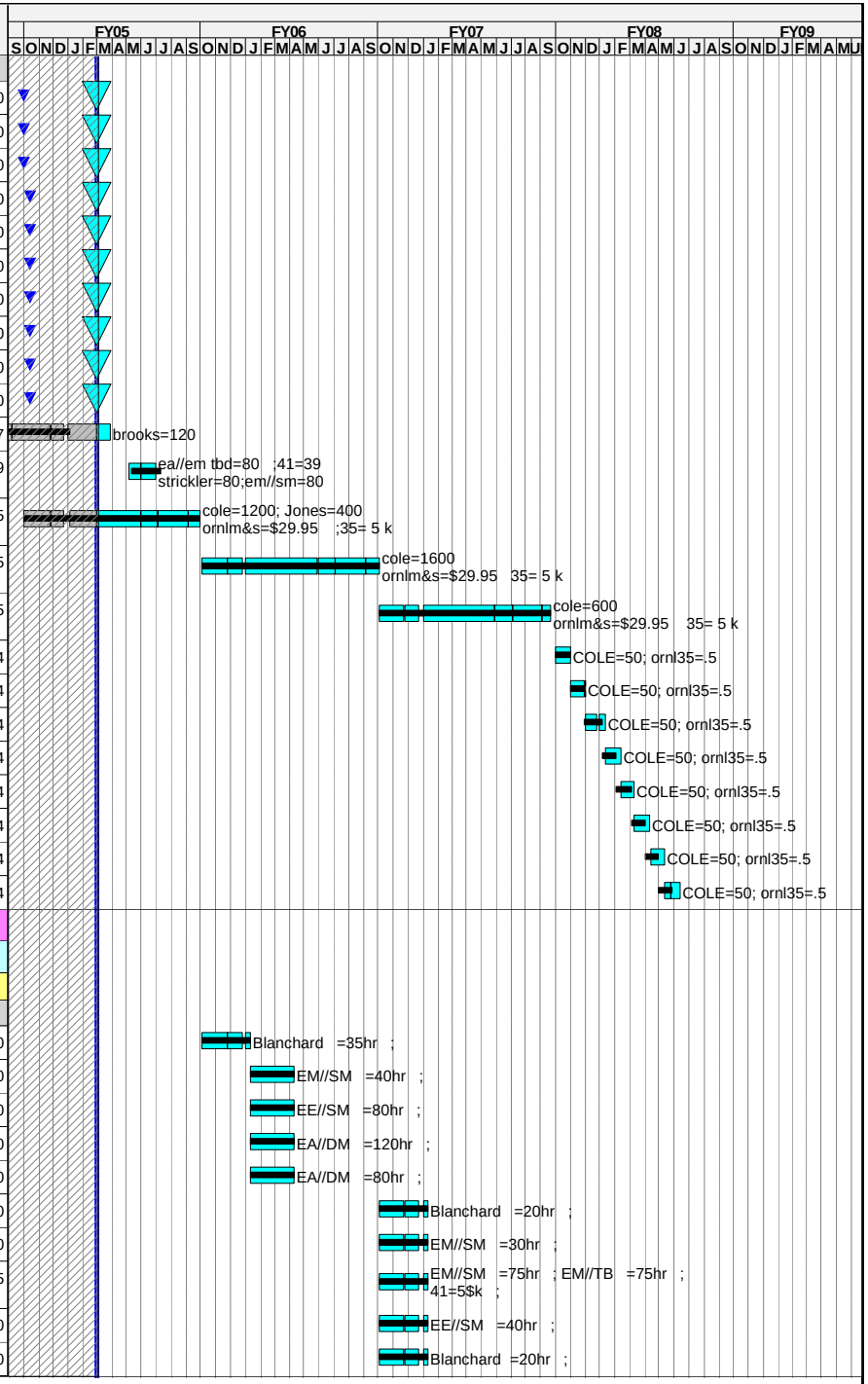
december status
xECP24
Progress Bar
Critical Activity

0502

NCSX
ECP 24
MARCH 1 Status

Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
192 - Stellarator Core Integration & Analysis								
192-4.1	Self consistent models/dwgs f/ Mod Coil & VV FDR		0	28FEB05*	1,161	100	0.00	0.00
192-4.2	Self consistent models/dwgs Conv Coils&sprt strc		0	28FEB05*	1,161		0.00	0.00
192-4.4	Stellarator Core Assy dwgs & assy sequence		0	28FEB05*	1,161		0.00	0.00
192-5.1	\VV Helium Line Models		0	28FEB05*	1,161		0.00	0.00
192-5.2	Mod Coil LN2 Lines Layouts		0	28FEB05*	1,161		0.00	0.00
192-5.3	Mod Coil Leads Layouts		0	28FEB05*	1,161		0.00	0.00
192-5.4	PF Coil Leads & Services Layouts		0	28FEB05*	1,161		0.00	0.00
192-5.5	TF Coil leads & Services Layouts		0	28FEB05*	1,161		0.00	0.00
192-5.6	External Trim Coil Leads /services Layouts		0	28FEB05*	1,161		0.00	0.00
192-6.3	Best fit for mod coil assy on winding measuremen		0	28FEB05*	1,161		0.00	0.00
192-6.01	Document coil tolerance and trim coil requiremen	01MAR04A	250	28MAR05	1,147	95	18,644.39	19,625.67
192-6.031	Demo Method for current center on TRC	05MAY05	40	30JUN05	1,080		0.00	88,519.19
0192-5	LOE-FY05 WBS 192	01OCT04A	249*	30SEP05	1,010	LOE	110,867.91	281,390.65
0192-6	LOE-FY06 WBS 192	03OCT05*	250	02OCT06	518	LOE	0.00	278,659.05
0192-6X	LOE-FY06 WBS 192	03OCT06*	242	20SEP07	518	LOE	0.00	141,654.75
0192-91	LOE-F1 mo SO	01OCT07*	22	30OCT07	338	LOE	0.00	8,285.04
0192-92	LOE-F1 mo SO	31OCT07*	22	03DEC07	338	LOE	0.00	8,285.04
0192-93	LOE-F1 mo SO	04DEC07*	22	10JAN08	338	LOE	0.00	8,285.04
0192-94	LOE-F1 mo SO	11JAN08*	22	11FEB08	338	LOE	0.00	8,285.04
0192-95	LOE-F1 mo SO	12FEB08*	22	12MAR08	338	LOE	0.00	8,285.04
0192-96	LOE-F1 mo SO	13MAR08*	22	11APR08	338	LOE	0.00	8,285.04
0192-97	LOE-F1 mo SO	14APR08*	21	12MAY08	338	LOE	0.00	8,285.04
0192-98	LOE-F1 mo SO	13MAY08*	21	11JUN08	338	LOE	0.00	8,285.04
2 - Plasma Heating, Fueling & Vac Systems								
21 - Fueling Systems								
ECP 16 October 2004								
21-10	Eng. Work Planning and Design	03OCT05*	65	11JAN06	310		0.00	5,978.00
21-15	Design Gas Handling Hardware	12JAN06	65	12APR06	310		0.00	4,440.00
21-20	Design PLC Controls	12JAN06*	65	12APR06	310		0.00	9,247.20
21-25	Electrical Drafting for pumping system	12JAN06*	65	12APR06	310		0.00	12,806.40
21-30	Drafting	12JAN06*	65	12APR06	310		0.00	8,537.60
21-35	Eng. Work Planning and Design during fab	02OCT06*	65	10JAN07	190		0.00	3,586.80
21-40	Fabrication/Install Hardware	02OCT06*	65	10JAN07	190		0.00	3,496.50
21-45	Fabrication/installation	02OCT06*	65	10JAN07	190		0.00	21,754.75
21-55	Install PLC Controls	02OCT06*	65	10JAN07	190		0.00	4,854.80
21-60	Integrated Systems Testing/Eng	02OCT06*	65	10JAN07	190		0.00	3,586.80



Run Date 09MAR05 12:03

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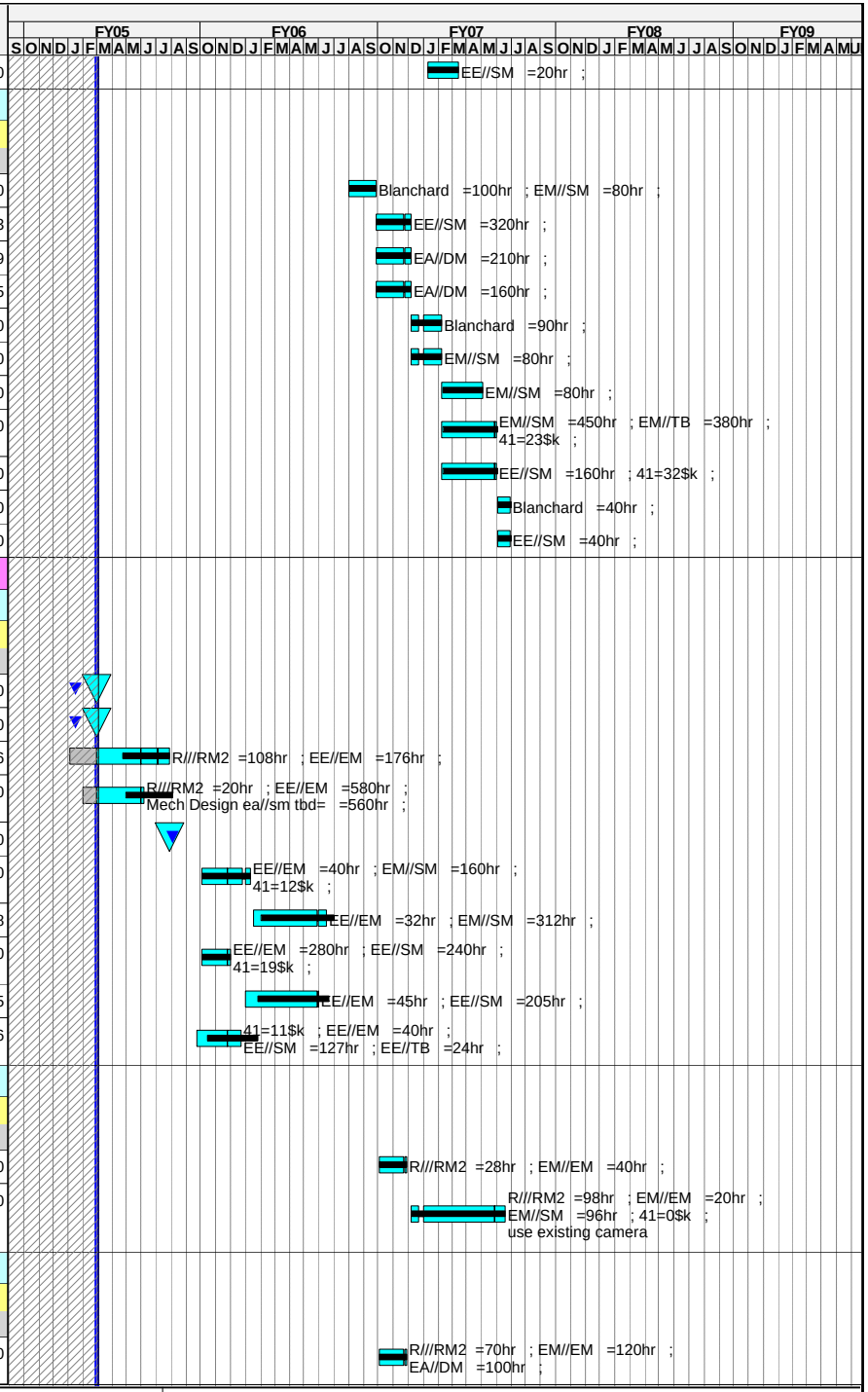
december status
xECP24
Progress Bar
Critical Activity

0502

NCSX
ECP 24
MARCH 1 Status

Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
21-65	Integrated Systems Testing/Tech Support	11JAN07*	45	14MAR07	190		0.00	2,427.40
22 - Torus Vacuum Pumping Systems								
22-25	Eng. Work Planning and Design	01AUG06*	40	25SEP06	121		0.00	25,960.00
22-30	Design PLC based control system	26SEP06*	50	06DEC06	161		0.00	38,690.43
22-35	Electrical Drafting for pumping system	26SEP06*	50	06DEC06	181		0.00	23,442.89
22-40	Drafting	26SEP06*	50	06DEC06	121		0.00	17,861.25
22-45	Eng. Work Planning and Design during fab	07DEC06*	40	08FEB07	141		0.00	16,140.60
22-50	Perform maint. & repair of pmpg sys	07DEC06*	40	08FEB07	121		0.00	9,324.00
22-55	Repair and Calibration of vac instrumentation	09FEB07*	60	03MAY07	141		0.00	9,324.00
22-60	Fabrication/installation	09FEB07*	80	01JUN07	121		0.00	115,290.90
22-65	Fab PLC conrols	09FEB07*	80	01JUN07	121		0.00	61,819.20
22-70	Integrated Systems Testing/Eng	04JUN07*	20	29JUN07	121		0.00	7,173.60
22-75	Integrated Systems Testing/Tech Support	04JUN07*	20	29JUN07	121		0.00	4,854.80
3 - Diagnostics								
31 - Magnetic Diagnostics								
Job: 3101 Magnetic Diagnostics								
310-005	Finalize Loop Geometry		0	28FEB05*	909		0.00	0.00
310-006	Magnetics CDR		0	28FEB05*	309		0.00	0.00
310-010	Design Mag Diagnostics	04JAN05A	147*	29JUL05	909	E	4,560.23	45,197.16
310-020	Design other ex-vessel sensors	01FEB05A	69	06JUN05	309	E	15,028.03	155,621.00
310-011	Mag diag and Coil Sensor FDR		0	29JUL05	909		0.00	0.00
310-025	Procure matl for ex-vsl sensors	03OCT05*	65	11JAN06	227		0.00	39,290.90
310-026	Install ex-vessel sensors on coils	18JAN06*	105	14JUN06	223		0.00	39,916.48
310-015	Fabricate Magnetics	03OCT05*	40	29NOV05	865		0.00	65,591.80
310-016	Install terminal boxes and terminate	03JAN06*	105	30MAY06	847		0.00	31,127.25
310-030	Design & Fab Magnetic integrators	22SEP05*	65	23DEC05	952		0.00	37,138.36
36 - Edge and Divertor Diagnostics								
361-001	Design Visible Camera sys	02OCT06*	40	28NOV06	128		0.00	11,821.60
361-015	Fab/Assy/Installation Visible Camera	08DEC06*	130	18JUN07	121		0.00	31,043.60
38 - Electron Beam (EB) Mapping								
380-010	Designe-Beam Probe,Fluor. Screen	02OCT06*	40	28NOV06	156		0.00	44,346.80



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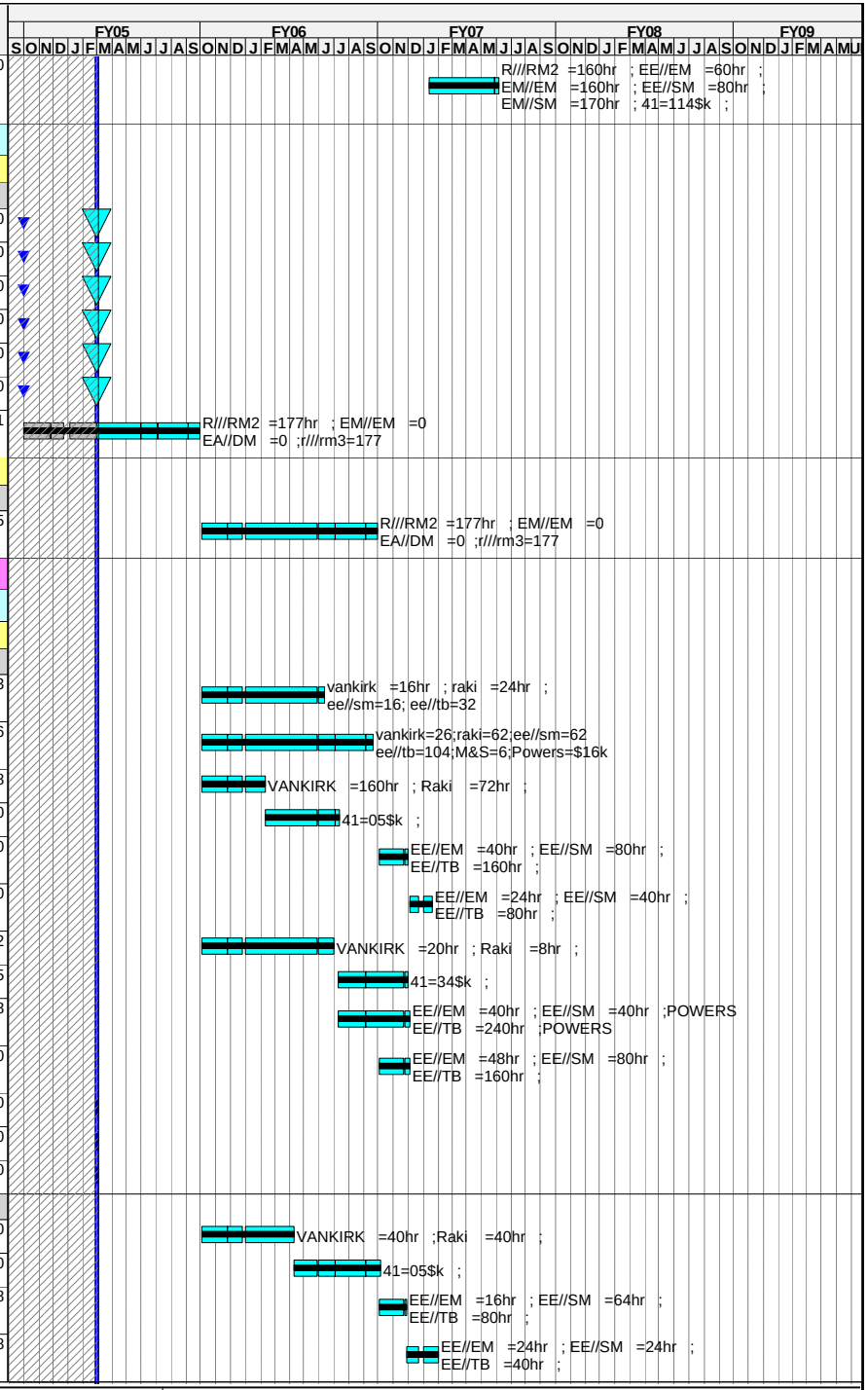
december status
xECP24
Progress Bar
Critical Activity

0502

NCSX
ECP 24
MARCH 1 Status

Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
380-015	Fab & Install Beam probe	15JAN07*	102	06JUN07	129		0.00	246,231.50
39 - Diagnostics Integration								
Job: 3901 - Diagnostics sys Integration-JOHNSON								
390-120	Update port map&revise diag port assignments		0	28FEB05*	1,161	90	0.00	0.00
390-130	Rvw status of existing ICD's w/VV & Mod Coils		0	28FEB05*	1,161	100	0.00	0.00
390-140	Write ICD's-Define external space for diagnostic		0	28FEB05*	1,161	50	0.00	0.00
390-150	Write ICD's-Define space f/racks in cntrl rm		0	28FEB05*	1,161	50	0.00	0.00
390-170	Develop space envelopes for SXR		0	28FEB05*	1,161	70	0.00	0.00
390-180	Hold CDR's co-wound mag sensors&ext saddle		0	28FEB05*	1,161		0.00	0.00
390-015	LOE Support FY05 **reduced scope	01OCT04A	249*	30SEP05	1,010	LOE	26,516.48	67,300.71
390-020	LOE Support FY06	03OCT05*	249*	29SEP06	761		0.00	68,631.75
4 - Electrical Power Systems								
41 - AC Power								
Job: 4101 - AC Power-RAMAKRISHNAN								
411 - Auxiliary AC Power Systems								
4101-100.1	Prepare Preliminary One line diagram	03OCT05*	173	13JUN06	837		0.00	1,007.93
411-1-100	Ex-Test cell AC pwr-Reactivate& new instl	03OCT05*	241	19SEP06	769		0.00	56,876.86
411-2-2	Grounding-Dsn	03OCT05*	86	09FEB06	325		0.00	28,965.28
411-2-4	Grounding-Procure	10FEB06*	107	12JUL06	325		0.00	6,450.00
411-2-6	Grounding-Install	02OCT06*	43	01DEC06	226		0.00	63,205.80
411-2-8	Grounding-Commission	04DEC06*	29	19JAN07	226		0.00	15,734.00
411-3-2	Test Cell AC Power Distr-Dsn	03OCT05*	186	30JUN06	361		0.00	3,455.52
411-3-4	Test Cell AC Power Distr-Procure(pnls & xfrmrs)	10JUL06*	101	30NOV06	256		0.00	44,354.85
411-3-6	Test Cell AC Power Distr-Install	10JUL06*	104	05DEC06	253		0.00	31,080.38
411-3-8	Test Cell AC Power Distr-Commission	02OCT06*	45	05DEC06	253		0.00	31,468.00
411-4-2	Standby Power for Cryo Sys -Dsn	01MAR05	0	28FEB05	1,161		0.00	0.00
411-4-4	Standby Power for Cryo Sys -Procure	01MAR05	0	28FEB05	1,161		0.00	0.00
411-4-6	Standby Power for Cryo Sys -Install	01MAR05	0	28FEB05	1,161		0.00	0.00
412 - Experimental AC Power Systems								
412-1-2	D-site Pulsed AC Power Distr-Dsn	03OCT05*	128	10APR06	231		0.00	10,874.40
412-1-4	D-site Pulsed AC Power Distr-Procure	11APR06	125	05OCT06	231		0.00	6,455.60
412-1-6	D-site Pulsed AC Power Distr-Install	02OCT06*	40	28NOV06	195		0.00	17,259.68
412-1-8	D-site Pulsed AC Power Distr-Commission	29NOV06	40	31JAN07	195		0.00	10,433.28



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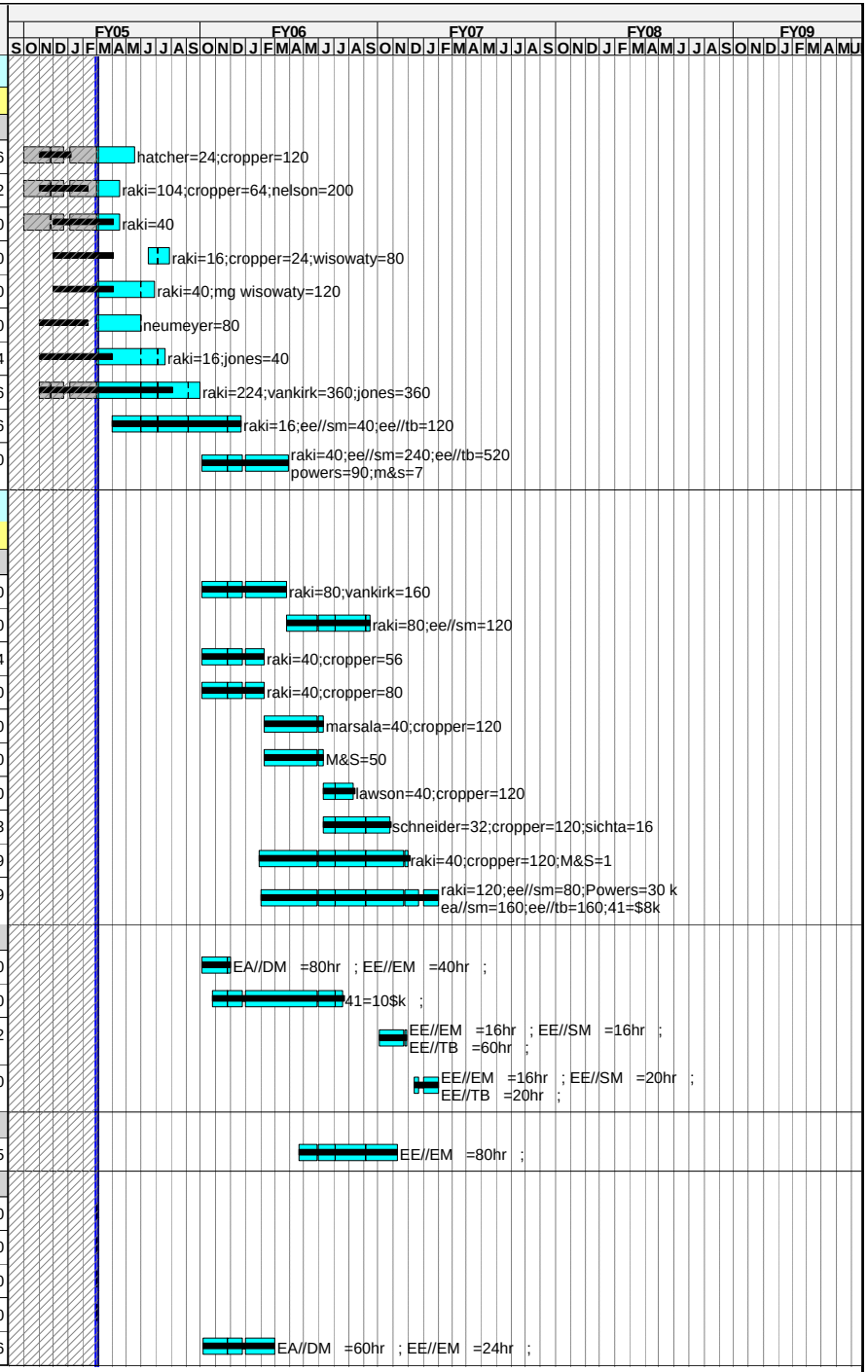
- december status
- xECP24
- Progress Bar
- Critical Activity

0502

NCSX
ECP 24
MARCH 1 Status

Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
43 - DC Systems								
Job: 4301 - DC Systems-RAMAKRISHNAN								
431 - C-Site DC Systems								
431-200	Condition/spare parts inventory	01OCT04A	153*	16MAY05	1,106	85	14,864.26	17,487.36
431-210	Organize & verify documentation	01OCT04A	132*	15APR05	1,127	60	27,015.32	45,025.52
431-215	Document status	01OCT04A	132*	15APR05	1,127	15	971.64	6,477.60
431-225	Reactivate DF & PEI units	15JUN05*	32*	29JUL05	1,054		0.00	11,584.80
431-230	Load	01MAR05*	84	27JUN05	1,077		0.00	15,888.00
431-240	Simulate each of 6 pwr loops in PSCAD	01MAR05*	65	31MAY05	1,096		0.00	12,955.20
431-250	c-site dc sys DGS dsn documentation	01MAR05*	100	20JUL05	1,061		0.00	6,777.04
431-260	Power loop design	01NOV04A	228*	30SEP05	1,010	20	22,324.51	111,622.56
431-265	Fabricate bus components	01APR05*	185	22DEC05	953		0.00	16,635.86
431-275	Power cabling & Installation	03OCT05*	121	30MAR06	448		0.00	201,061.60
44 - Control and protection Systems								
Job: 4401 - Control & Protection-RAMAKRISHNAN								
441 - Electrical Interlocks								
441-095	Design Interlock sys	03OCT05*	118	27MAR06	332		0.00	30,286.40
441-097	Install Interlock sys	28MAR06	119	13SEP06	332		0.00	27,082.00
441-100	PLC Specification	03OCT05*	85	08FEB06	743		0.00	13,078.64
441-105	Prep Block diagrams	03OCT05*	85	08FEB06	925		0.00	15,852.80
441-110	PLC CWD's & Cabling	09FEB06*	85	08JUN06	743		0.00	20,476.40
441-115	deliver PLC	09FEB06*	85	08JUN06	840		0.00	64,500.00
441-120	Program PLC Logic	09JUN06*	45	11AUG06	795		0.00	20,476.40
441-125	Program Control pages	09JUN06*	97	25OCT06	743		0.00	21,797.13
441-130	Pre-commissioning tests	31JAN06*	214	01DEC06	718		0.00	21,979.19
441-135	Install I/O Cabling	03FEB06*	248	31JAN07	681		0.00	109,334.39
442 - Kirk Key Interlocks								
442-1-2	Kirk Keys-Dsn	03OCT05*	41	30NOV05	403		0.00	15,143.20
442-1-4	Kirk Keys-Procure	24OCT05*	185	21JUL06	244		0.00	12,900.00
442-1-6	Kirk Keys-Install	02OCT06*	40	28NOV06	195		0.00	42,879.52
442-1-8	Kirk Keys-Commission	13DEC06	30	31JAN07	195		0.00	6,881.20
443 - Real Time Control Systems								
443-1-2	Develop Control Algorithms-Dsn	21APR06*	142	09NOV06	221		0.00	13,346.15
444 - Instrument Systems								
444-1-2	DC Current Transducers (DCCTs)-Dsn	01MAR05	0	28FEB05	1,161		0.00	0.00
444-1-4	DC Current Transducers (DCCTs)-Procure	01MAR05	0	28FEB05	1,161		0.00	0.00
444-1-6	DC Current Transducers (DCCTs)-Install	01MAR05	0	28FEB05	1,161		0.00	0.00
444-1-8	DC Current Transducers (DCCTs)-Commission	01MAR05	0	28FEB05	1,161		0.00	0.00
444-2-2	DC Potential Transducers (DCPTs)-Dsn	07OCT05*	95	28FEB06	820		0.00	10,366.56



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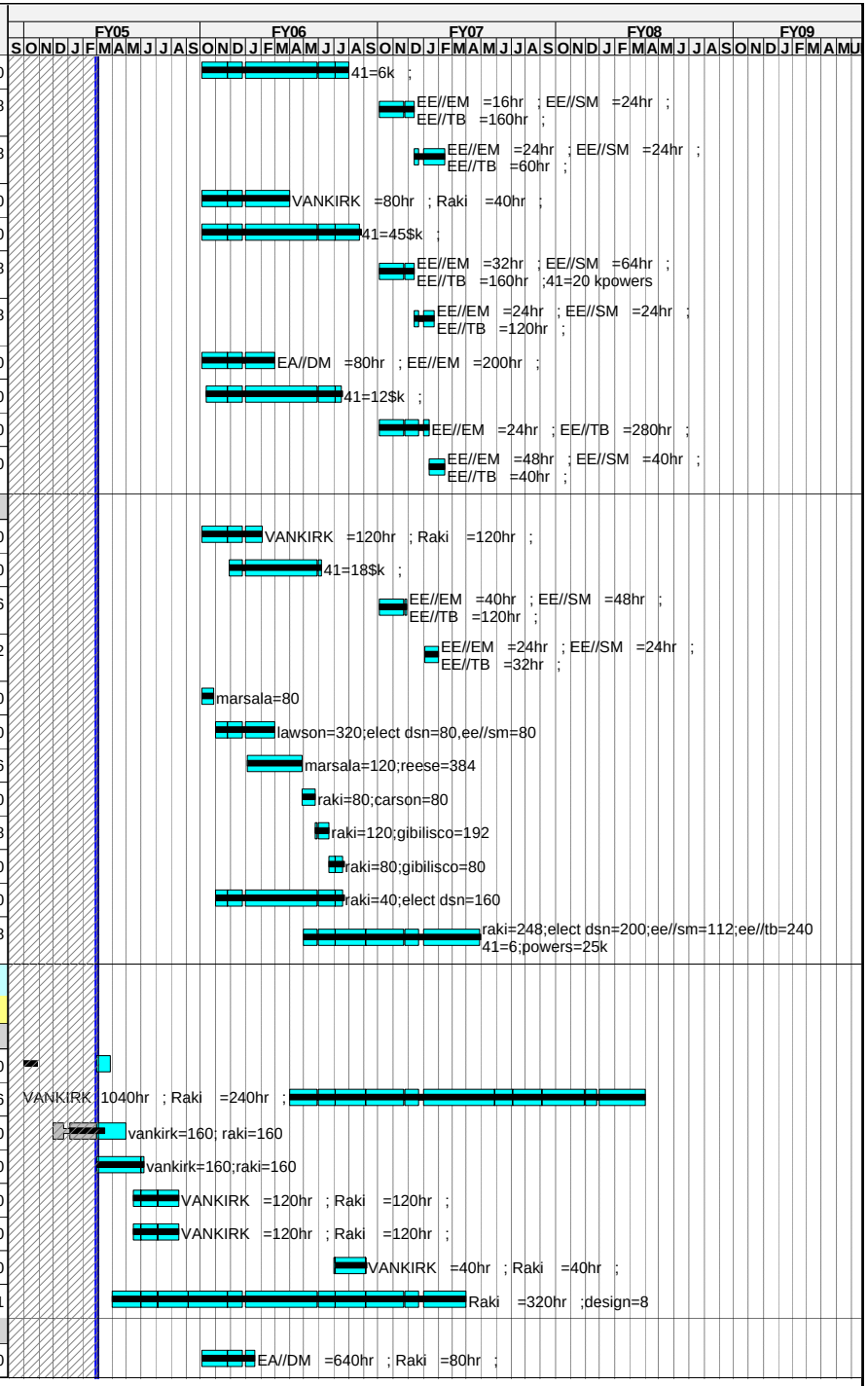
december status
xECP24
Progress Bar
Critical Activity

0502

NCSX
ECP 24
MARCH 1 Status

Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
444-2-4	DC Potential Transducers (DCPTs)-Procure	03OCT05*	207	01AUG06	743		0.00	7,740.00
444-2-6	DC Potential Transducers (DCPTs)-Install	02OCT06*	51	13DEC06	670		0.00	19,122.48
444-2-8	DC Potential Transducers (DCPTs)-Commission	14DEC06	40	15FEB07	670		0.00	12,112.68
444-3-2	DC Shunts-Dsn	03OCT05*	122	31MAR06	813		0.00	15,143.20
444-3-4	DC Shunts-Procure	03OCT05*	224	24AUG06	742		0.00	58,050.00
444-3-6	DC Shunts-Install	02OCT06*	51	13DEC06	686		0.00	53,251.68
444-3-8	DC Shunts-Commission	14DEC06*	24	24JAN07	686		0.00	17,150.88
444-4-2	Signal Conditioning & Cabling-Dsn	03OCT05*	99	28FEB06	821		0.00	41,565.60
444-4-4	Signal Conditioning & Cabling-Procure	13OCT05*	188	17JUL06	705		0.00	15,480.00
444-4-6	Signal Conditioning & Cabling-Install	02OCT06*	68	15JAN07	671		0.00	27,673.20
444-4-8	Signal Conditioning & Cabling-Commission	16JAN07	22	14FEB07	671		0.00	16,536.80
445 - Coil Protection Systems								
445-1-2	Ground Fault Protection-Dsn	03OCT05*	82	03FEB06	362		0.00	32,623.20
445-1-4	Ground Fault Protection-Procure	28NOV05*	130	06JUN06	276		0.00	23,220.00
445-1-6	Ground Fault Protection-Install	02OCT06*	40	28NOV06	195		0.00	22,838.16
445-1-8	Ground Fault Protection-Commission	04JAN07	20	31JAN07	195		0.00	9,761.52
445-2-105	Overload Protect-Write spec and approve	03OCT05*	20	28OCT05	810		0.00	13,211.20
445-2-110	Overload Protect-Design	31OCT05*	80	01MAR06	910		0.00	70,629.60
445-2-115	Overload Protect-Fabr 4 chassis 120 modls	06JAN06*	79	26APR06	810		0.00	64,203.36
445-2-120	Overload Protect-Test 4 units	27APR06	20	24MAY06	810		0.00	22,458.40
445-2-125	Overload Protect-Install & Rack wiring	25MAY06	20	22JUN06	810		0.00	42,010.08
445-2-130	Overload Protect-Write & perform ISTP	23JUN06	20	21JUL06	810		0.00	22,458.40
445-2-135	Overload Protect-Documentation	31OCT05	180	21JUL06	810		0.00	23,680.80
445-2-140	Overload Protection&cabling design,procure instl	01MAY06*	249	27APR07	619		0.00	137,740.28
45 - Power System Design and Integration								
Job: 4501 - Power Sys Dsn & Integr-RAMAKRISHNAN								
451 - System Design & Interfaces								
451-0-2	Develop SRD	01MAR05*	21	29MAR05	1,140		0.00	0.00
451-3-2	Dwgs,asbuilts -Elect Dsn	03APR06*	499*	31MAR08	389		0.00	157,565.56
451-2-1	CDR Power system -Dsn	01DEC04A	101*	29APR05	1,117	25	10,663.60	42,654.40
451-2-2	PDR Power system -Dsn	01MAR05*	69*	06JUN05	1,092		0.00	42,654.40
451-2-2.1	FDR C-Site	16MAY05*	64*	15AUG05	1,043		0.00	31,990.80
451-6-2	FDR C-Site -Cabling	16MAY05*	64*	15AUG05	1,043		0.00	31,990.80
451-4-2	FDR AC auxiliaries & grounding-Dsn	03JUL06*	45	05SEP06	779		0.00	10,874.40
451-1-2	Calculations-Dsn	01APR05*	498	29MAR07	640		0.00	54,083.71
452 - Electrical Systems Support								
452-1-2	Diagnostics AC Power Distr-Dsn	03OCT05*	72*	20JAN06	330		0.00	81,512.00



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- december status
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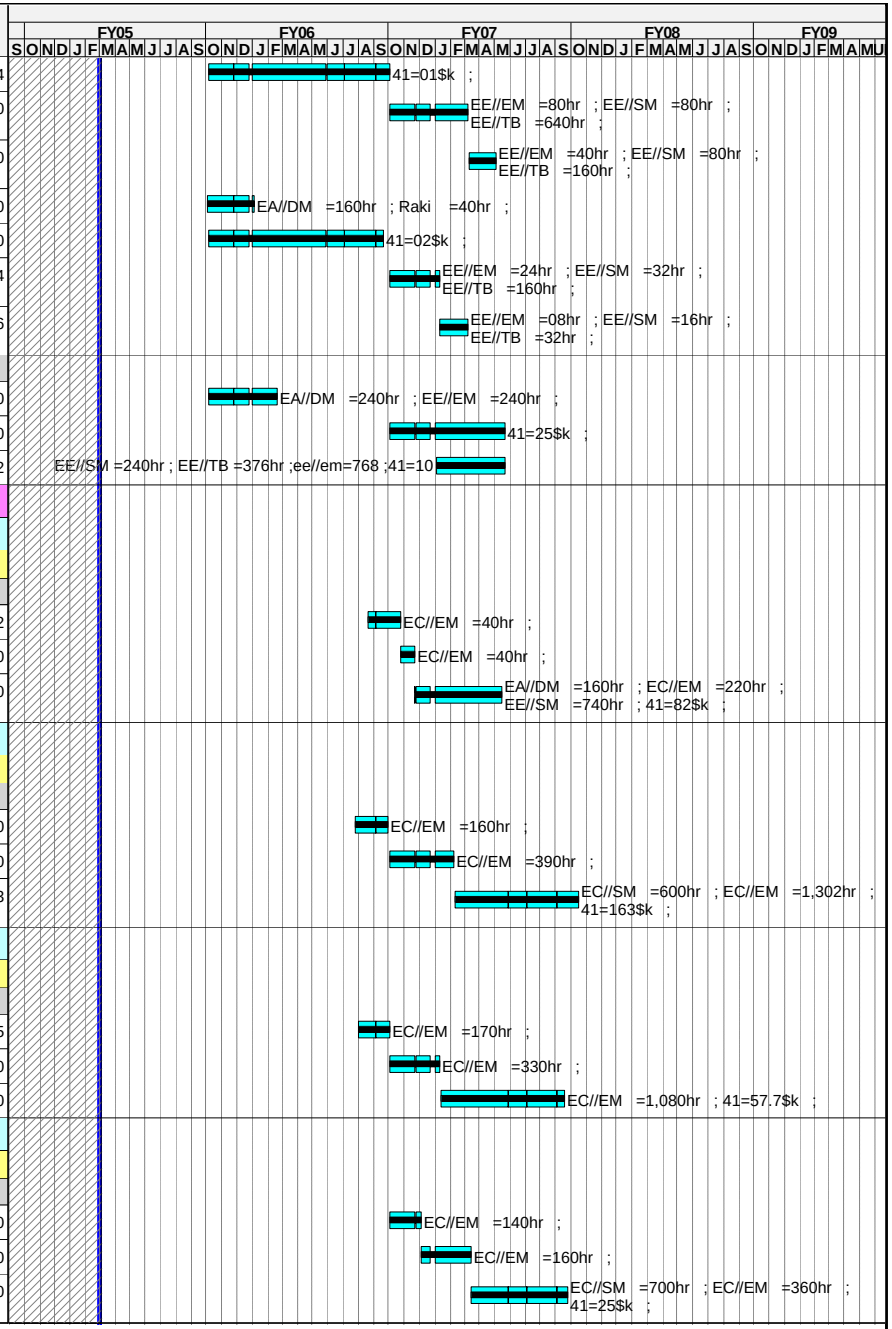
0502

NCSX
ECP 24
MARCH 1 Status

Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
452-1-4	Diagnostics AC Power Distr-Procure	05OCT05*	248	02OCT06	257		0.00	1,290.14
452-1-6	Diagnostics AC Power Distr-Install	02OCT06*	105	07MAR07	153		0.00	77,322.40
452-1-8	Diagnostics AC Power Distr-Commission	13MAR07*	37	02MAY07	153		0.00	30,080.80
452-2-2	Diagnostics sensor cabling-Dsn	03OCT05*	61*	05JAN06	381		0.00	23,680.80
452-2-4	Diagnostics sensor cabling-Procure	05OCT05*	240	20SEP06	265		0.00	2,580.00
452-2-6	Diagnostics sensor cabling-Install	02OCT06*	65	10JAN07	193		0.00	21,480.64
452-2-8	Diagnostics sensor cabling-Commission	11JAN07*	40	07MAR07	193		0.00	6,016.16
453 - System Testing (PTP's)								
453-1-2	New Procedures	06OCT05*	90	20FEB06	301		0.00	65,246.40
453-1-4	Preop Testing-Procure test equipt	02OCT06*	160	23MAY07	145		0.00	33,125.00
453-1-8	Testing PTPs, ISTPs	04JAN07*	100	23MAY07	145		0.00	207,122.72
5 - Central I&C Systems								
51 - TCP/IP Infrastructure Systems								
51-10	Preliminary Design (Title I)	21AUG06*	45	23OCT06	214		0.00	6,212.12
51-20	Final Network Design (Title II)	24OCT06	20	20NOV06	214		0.00	6,408.80
51-30	Installation, Testing, Documentation (Title III)	21NOV06*	120	17MAY07	214		0.00	252,039.30
52 - Central Instrumentation & Control								
52-10	Preliminary Design (Title I)	28JUL06*	45	29SEP06	110		0.00	24,414.40
52-20	Final Design (Title II)	02OCT06	87	09FEB07	110		0.00	62,485.80
52-30	Installation, Testing, Documentation (Title III)	12FEB07*	173	15OCT07	110		0.00	483,884.73
53 - Data Acquisition & Facility Computing								
53-10	Preliminary Design (Title I)	01AUG06*	45	03OCT06	130		0.00	25,997.95
53-20	Final Design (Title II)	04OCT06	65	12JAN07	130		0.00	52,872.60
53-30	Coding, Configuration, Testing (Title III)	15JAN07	173	17SEP07	130		0.00	249,490.10
54 - Facility Timing & Synchronization								
54-10	Preliminary Design (Title I)	02OCT06*	45	05DEC06	125		0.00	22,430.80
54-20	Final Design (Title II)	06DEC06	65	14MAR07	125		0.00	25,635.20
54-30	Installation, Testing, Documentation (Title III)	15MAR07	135	24SEP07	125		0.00	158,726.20



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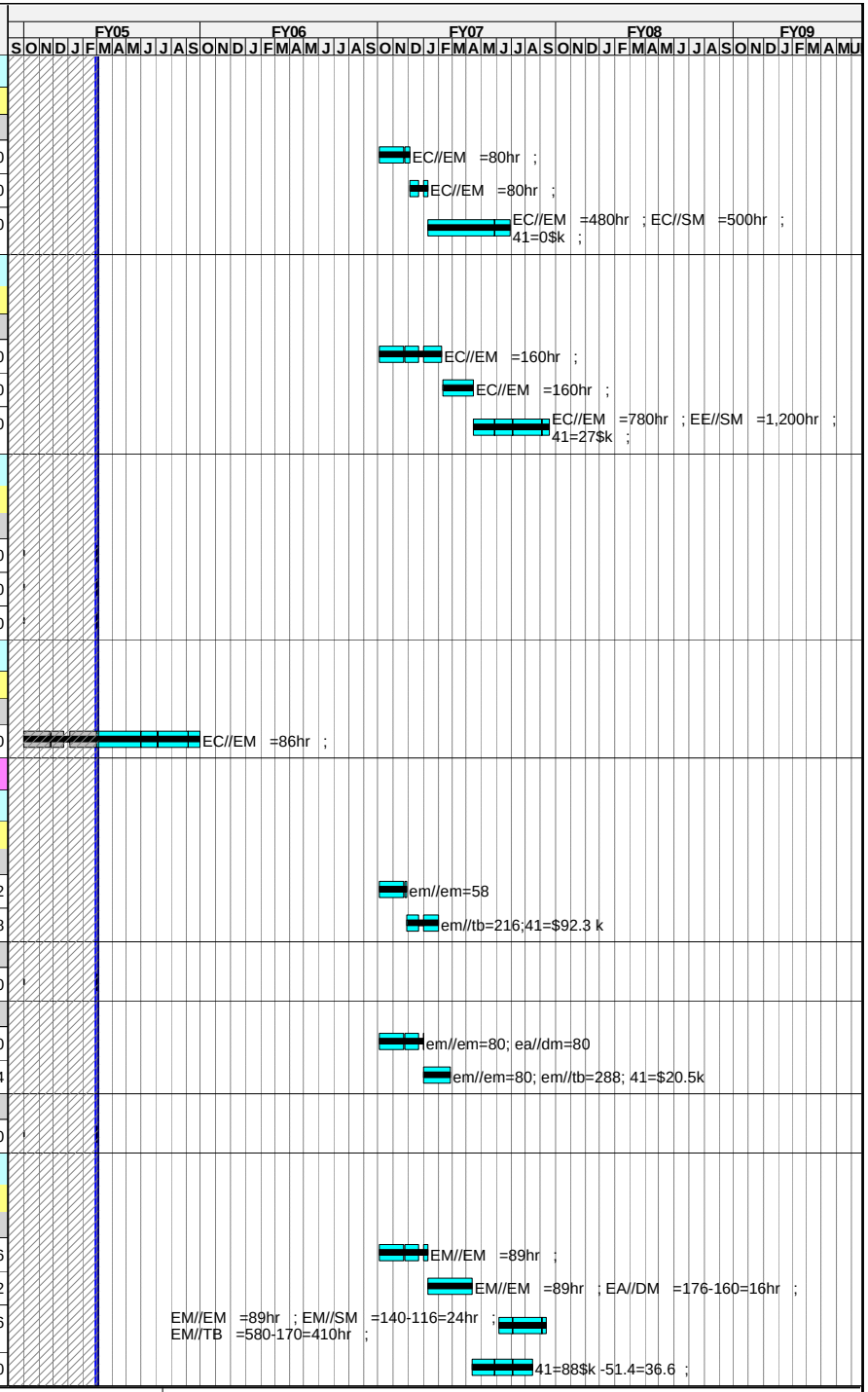
Progress Bar
Critical Activity

0502

NCSX
ECP 24
MARCH 1 Status

Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
55 - Real Time Plasma & Power Supply Control Sys								
55-10	Preliminary Design (Title I)	02OCT06*	45	05DEC06	185		0.00	12,817.60
55-20	Final Design (Title II)	06DEC06	20	10JAN07	185		0.00	12,817.60
55-30	Installation, Testing, Documentation (Title III)	11JAN07	120	28JUN07	185		0.00	125,610.60
56 - Central Safety Interlock Systems								
56-10	Preliminary Design (Title I)	02OCT06*	87	09FEB07	130		0.00	25,635.20
56-20	Final Design (Title II)	12FEB07	45	13APR07	130		0.00	25,635.20
56-30	Installation, Testing, Documentation (Title III)	16APR07	108	17SEP07	130		0.00	306,390.60
57 - Control Room Facility								
57-10	Preliminary Design (Title I)	01MAR05	0	28FEB05	1,161		0.00	0.00
57-20	Final Design (Title II)	01MAR05	0	28FEB05	1,161		0.00	0.00
57-30	Installation, Testing, Documentation (Title III)	01MAR05	0	28FEB05	1,161		0.00	0.00
58 - Central I&C management and Integration								
Job: 5801 -Central I&C Integr & Oversight-OLIARO								
51-02	FY05 LOE support	01OCT04A	249*	30SEP05	1,010	LOE	5,082.60	12,900.00
6 - Facility Systems								
61 - Water Systems								
611 - C-Site Cooling System								
615.011	Engr recommissioning of C-Site Water systems	02OCT06*	40	28NOV06	213		0.00	10,401.72
615.021	Replace valves, resins, filters	29NOV06	40	31JAN07	213		0.00	140,696.38
612 - NB Water Cooling Systems								
622.001	**not req'd for CD-4** ECP 16	01MAR05	0	28FEB05	1,161		0.00	0.00
613 - Vacuum Pumping System								
623.011	Design WBS 612	02OCT06*	59	02JAN07	194		0.00	23,312.00
632.021	WBS 612 Assembly/Fabrication/Installation	03JAN07*	40	27FEB07	194		0.00	66,041.54
614 - Bakeout Water System								
625.001	*not req'd for CD-4** ECP 16	01MAR05	0	28FEB05	1,161		0.00	0.00
62 - Cryogenic Systems								
621 - LN2-LHe Supply System								
631-001	Preliminary Design	02OCT06*	65	10JAN07	135		0.00	15,961.26
631-010	Final Design**reduced scope	11JAN07	65	11APR07	135		0.00	17,754.22
631-015	Fab/Assy/Installation**reduced scope	08JUN07*	65	10SEP07	135		0.00	71,144.16
631-020	Procurement **reduced scope	12APR07*	88	15AUG07	135		0.00	116,070.00



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- xECP24
- Progress Bar
- Critical Activity

0502

NCSX
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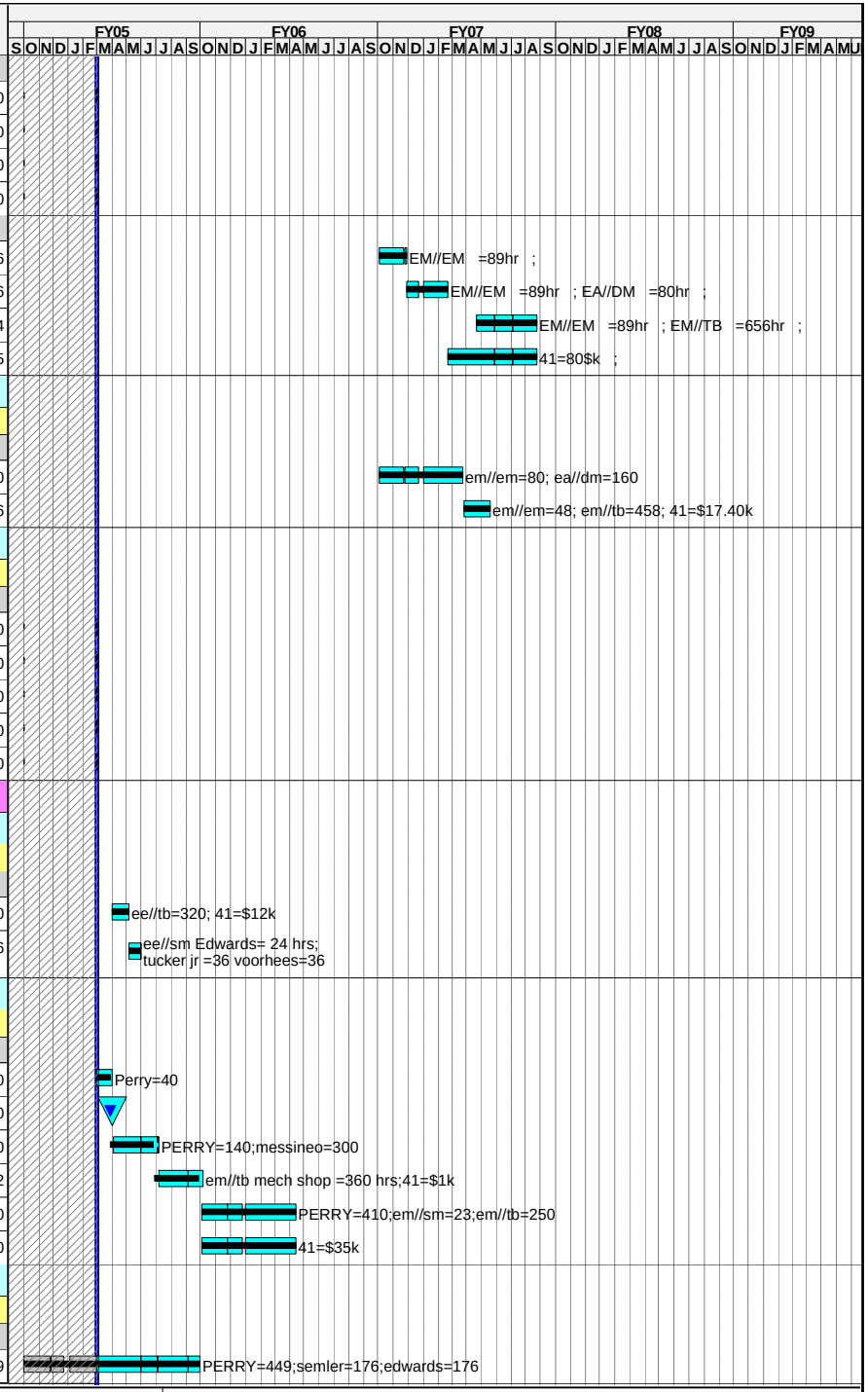
622 - LN2 Coil Cooling Supply								
632-001	Preliminary Design**deleted scope	01MAR05	0	28FEB05	1,161		0.00	0.00
632-010	Final Design**deleted scope	01MAR05	0	28FEB05	1,161		0.00	0.00
632-015	Fab/Assy/Installation**deleted scope	01MAR05	0	28FEB05	1,161		0.00	0.00
632-020	Procurement**deleted scope	01MAR05	0	28FEB05	1,161		0.00	0.00
623 - GN2 Cryostat Cooling System								
633-001	Preliminary Design	02OCT06*	40	28NOV06	145		0.00	15,961.26
633-010	Final Design	29NOV06	55	21FEB07	145		0.00	24,926.06
633-015	Fab/Assy/Installation	23APR07*	88	24AUG07	145		0.00	71,839.34
633-020	Procurement	22FEB07*	130	24AUG07	145		0.00	105,933.75
63 - Utility Systems								
640.011	Design GN2, Air & Vent Systems	02OCT06*	117	23MAR07	148		0.00	32,276.80
640.021	Assembly/Fabrication	26MAR07*	40	18MAY07	148		0.00	71,205.76
64 - PFC/VV Heating & Cooling*ELIMINATED*								
650.001	Preliminary Design	01MAR05	0	28FEB05	1,161		0.00	0.00
650.005	Final Design	01MAR05	0	28FEB05	1,161		0.00	0.00
650.010	Lab Fab/Assy/Installation/Test	01MAR05	0	28FEB05	1,161		0.00	0.00
650.012	Procured Hardware/Material	01MAR05	0	28FEB05	1,161		0.00	0.00
650.015	Procured Installation/Assy	01MAR05	0	28FEB05	1,161		0.00	0.00
7 - Test Cell Preparation and Machine Assy								
72 - Control Room Refurbishment								
Job: 7201 - Control Room Walls&Floors-PERRY								
710.001	Block Wall east side control room	01APR05*	24	04MAY05	1,096		0.00	41,762.40
711B.050	Complete Control Room Flooring	05MAY05*	18	31MAY05	1,096		0.00	8,447.76
73 - Platform Design & Fabrication								
Job: 7301 - Platform Design & Fab-PERRY								
712.008	Update Platform Specification	01MAR05*	24*	01APR05	1,007		0.00	6,699.60
712.009	Platform PDR		0	01APR05*	1,007		0.00	0.00
712.010	Final Design	04APR05*	65	05JUL05	1,013		0.00	54,843.60
711A.040	Platform nut plates	06JUL05*	65	05OCT05	1,007		0.00	30,048.52
712.020	Platform Parts	03OCT05*	132	14APR06	304		0.00	24,541.00
712.030	Miscs Hardware/Material	03OCT05*	132	14APR06	304		0.00	45,150.00
74 - Machine Assembly Planning and Oversight								
Job: 7401 - TC Prep & Mach Assy Planning-PERRY								
Project Scope								
714.010	LOE FY05	01OCT04A	249*	30SEP05	284	LOE	45,036.84	114,306.69



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Critical Activity

0502

NCSX
ECP 24
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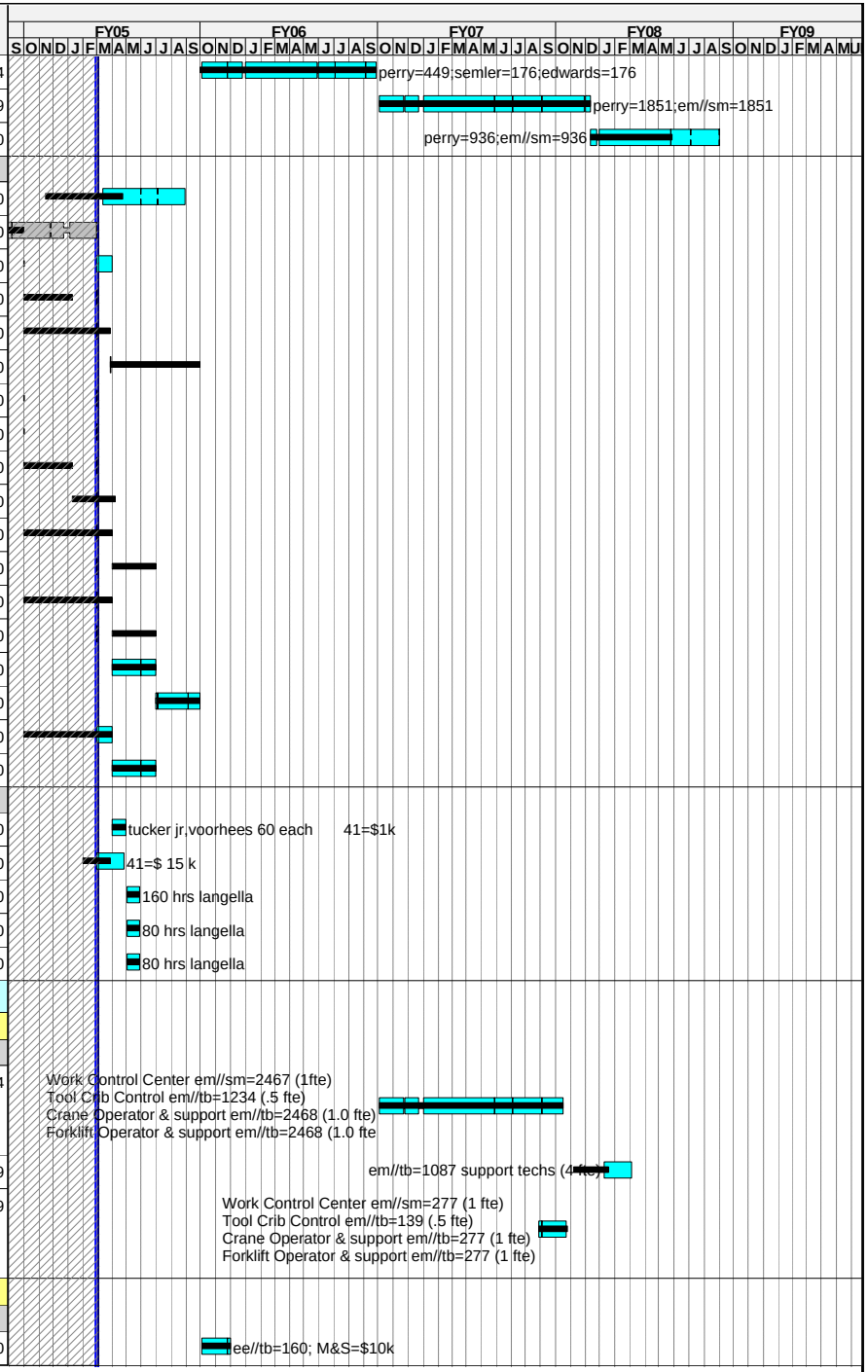
714.020	LOE FY06 prior to assy starting	03OCT05	246	26SEP06	284		0.00	116,569.04
714.030	LOE FY07 thru first plasma	02OCT06*	300	12DEC07	281		0.00	550,917.49
714.031	WBS 7 mgt stretch out cost	13DEC07	180	02SEP08	281		0.00	286,369.20
FED/Infrastructure Support (non Project cost)								
613.017	Install New Bottom Course **GPP**	15MAR05*	119*	30AUG05	1,038		0.00	0.00
GPP004	GPP-Roofing Design	01APR04A	226*				0.00	0.00
GPP004.1	GPP-Roofing Install	01MAR05*	24*	01APR05	1,137		0.00	0.00
GPP005.1	GPP-Test Cell lighting Install ***TBD***	01MAR05	0	28FEB05	1,161		0.00	0.00
GPP006	GPP-Test Cell HVAC/dew point control Design*TBD	01MAR05	0	28FEB05	1,161		0.00	0.00
GPP006.1	GPP-Test Cell HVAC/dew point control InstallTBD	30MAR05*	0	29MAR05	1,140		0.00	0.00
GPP007	GPP-C-Site elevators Design	01MAR05*	0*	28FEB05	1,161		0.00	0.00
GPP007.1	GPP-C-Site elevators Install	01MAR05	0	28FEB05	1,161		0.00	0.00
GPP008	GPP-Fire suppression high bay design*TBD*	01MAR05	0	28FEB05	1,161		0.00	0.00
GPP008.1	GPP-Fire suppression high bay install*TBD*	01MAR05	0	28FEB05	1,161		0.00	0.00
GPP009	Control Room Lights & Outlets design*TBD*	01MAR05	0	28FEB05	1,097		0.00	0.00
GPP009.1	Control Room Lights & Outlets install*TBD*	01MAR05	0	28FEB05	1,097		0.00	0.00
GPP010	Control Room HVAC Design **TBD**	01MAR05	0	28FEB05	1,097		0.00	0.00
GPP010.1	Control Room HVAC Install **TBD**	01MAR05	0	28FEB05	1,097		0.00	0.00
GPP011	Control Room Ceiling Design	01APR05*	64	30JUN05	1,010		0.00	0.00
GPP011.1	Control Room Ceiling Install	01JUL05	64	30SEP05	1,010		0.00	0.00
GPP012	Control Rm Fire Detection & Suppression Design	01MAR05*	23*	31MAR05	1,010		0.00	0.00
GPP012.1	Control RmFire Detection & Suppression Install	01APR05	64	30JUN05	1,010		0.00	0.00
Test Cell Modifications & Upgrades								
613.030	Test Cell copper ground plane cuts	01APR05*	20	28APR05	1,124		0.00	10,935.00
713.010	General procurements	01MAR05*	40	25APR05	1,127		0.00	20,835.00
7502-001	Test Cell 110v outlets	02MAY05*	20	27MAY05	1,097		0.00	17,414.40
7502-002	Test Cell 208v outlets	02MAY05*	20	27MAY05	1,097		0.00	8,707.20
7502-010	Ready Rooms (under control room) 110v outlets	02MAY05*	20	27MAY05	971		0.00	8,707.20
75 - Test Cell and Basement Assembly Operations								
7501 - Construction Support Crew								
7501-05	Construction Support Crew during machine assy	02OCT06*	260	15OCT07	110		0.00	814,222.14
7501-06	Construction Support Crew during e-beam mapping	09JAN08*	41	05MAR08	407		0.00	95,732.09
7501-07	Construction Support Crew during cryostat instl	28AUG07*	40	23OCT07	495		0.00	92,672.39
7502 - Test Cell Facility Preparations								
7502-020	Resurface TC floor	03OCT05*	42	01DEC05	884		0.00	30,660.00



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Progress Bar
Critical Activity

0502

NCSX
ECP 24
MARCH 1 Status

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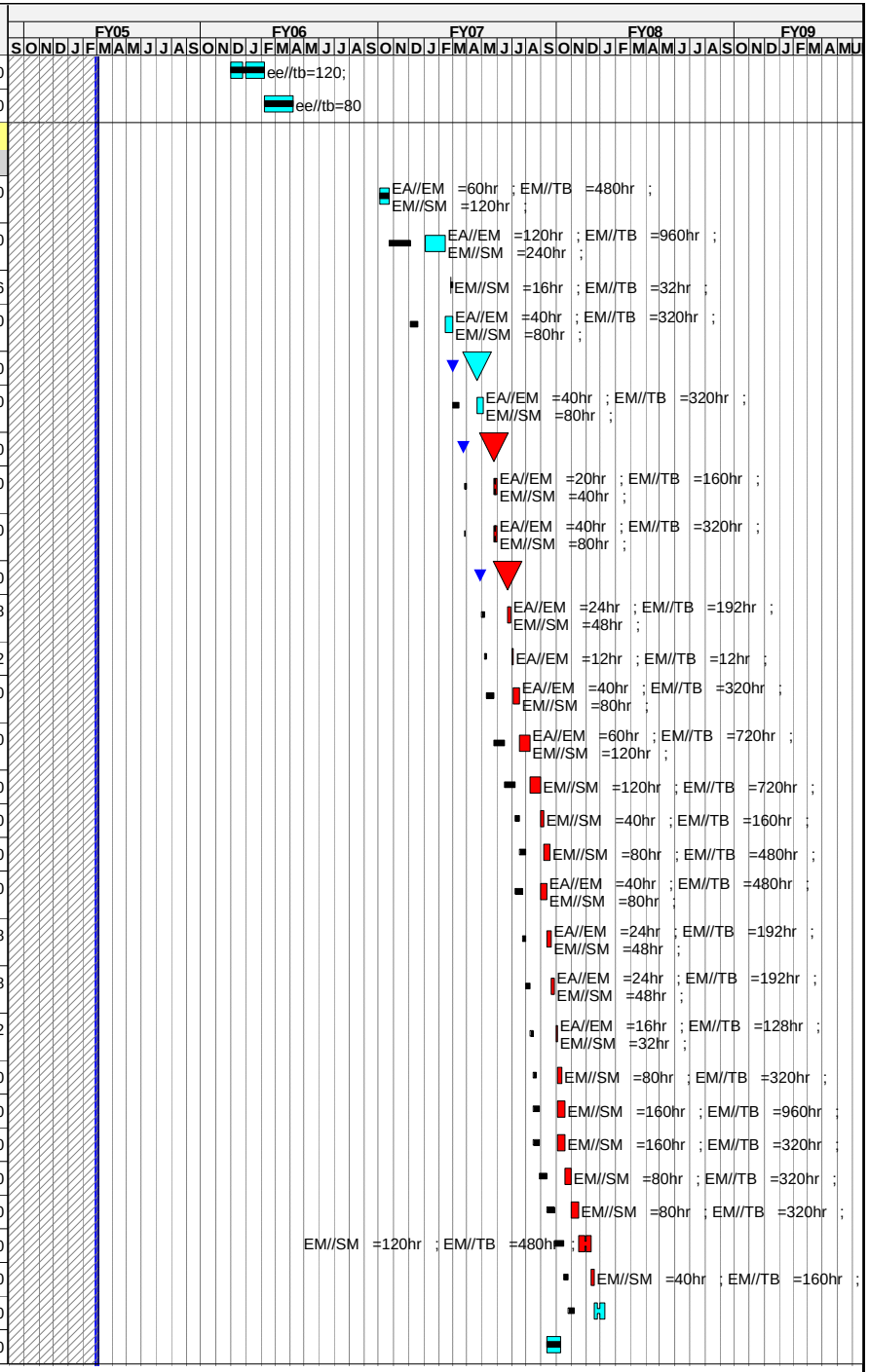
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
7502-030	TC Floor firesealing	02DEC05	42	07FEB06	884		0.00	13,320.00
7502-035	Control room firesealing	08FEB06	42	06APR06	884		0.00	8,880.00
7503 - Machine Assembly								
Revised Assembly Logic (ecp18)								
7503-020	Install & Level Support Base Plates	02OCT06	15	20OCT06	186		0.00	65,659.20
7503-030	Install/Level FPA's and Spool Piece supports	05JAN07	30	15FEB07	140		0.00	131,318.40
7503-060	Install Lower PF 4,5&6 into prelim position	26FEB07	2	27FEB07	147		0.00	4,590.56
7503-070	Install 3 Spool Pieces on fixt & test movement	16FEB07	10	01MAR07	140		0.00	43,772.80
7503-080	FPA-1 Installed on support platform		0	20APR07	104		0.00	0.00
7503-090	Install local Platforms around FPA-1	23APR07	10	04MAY07	105		0.00	43,772.80
7503-110	FPA-2 Installed on support platform		0	24MAY07	80		0.00	0.00
7503-120	Test movement of FPA-1& -2 & position checks.	25MAY07	5	01JUN07	80		0.00	21,886.40
7503-130	Install local Platforms around FPA-2	25MAY07	3	30MAY07	88		0.00	43,772.80
7503-150	FPA-3 Installed on support platform		0	21JUN07	66		0.00	0.00
7503-160	Position all FPA's / Spool Pieces @ MC Interface	22JUN07	6	29JUN07	66		0.00	26,263.68
7503-170	FPA Metrology Checks to Assure Alignment	02JUL07	3	04JUL07	66		0.00	3,179.52
7503-190	Install local Platforms around FPA-3	05JUL07	10	18JUL07	66		0.00	43,772.80
7503-180	MC Interfaces: shim, ream holes ,bolt together	19JUL07	15	08AUG07	66		0.00	86,102.40
7503-200	Mate-up and weld all VV-to-Spool interfaces	09AUG07	15	29AUG07	66		0.00	75,315.60
7503-240	Bolt on preassembled pump duct	30AUG07	5	05SEP07	66		0.00	18,290.80
7503-260	PTP Pumpdown & leak check VV	06SEP07	10	19SEP07	73		0.00	50,210.40
7503-210	Fit-up all TF coils	30AUG07	10	12SEP07	66		0.00	57,401.60
7503-270	Raise lower PF 4,5&6 coils into final position	13SEP07	6	20SEP07	66		0.00	26,263.68
7503-280	Install Upper PF 4,5 & 6 coils	21SEP07	6	28SEP07	66		0.00	26,263.68
7503-290	Install PF Solenoid into position (U/L PF1,2,3)	01OCT07	4	04OCT07	66		0.00	18,103.52
7503-310	Complete LN2 connections **2 SHIFT**	05OCT07	5	11OCT07	71		0.00	37,823.20
7503-320	Complete Elect Pwr connections **2 SHIFT**	05OCT07	10	18OCT07	66		0.00	103,828.80
7503-321	Complete mag diag & machine I&C **2 SHIFT**	05OCT07	10	18OCT07	66		0.00	47,464.00
7503-340	Install Cryostat Base, vapor barrie& port boots	19OCT07	10	01NOV07	66		0.00	37,823.20
7503-350	Install Cryostat upper section,VB and port boots	02NOV07	10	15NOV07	66		0.00	37,823.20
7503-360	Install Midplane Cryostat sections and port boot	16NOV07	15	10DEC07	66		0.00	56,734.80
7503-370	Install Cryostat Circulation Duct	11DEC07	5	17DEC07	66		0.00	18,911.60
730.8200Z	PTP and Cooldown (dup of 730.8200)	18DEC07	10	08JAN08	448		0.00	0.00
730.1248	ACC Review	11SEP07	20	08OCT07	110		0.00	0.00



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0502

NCSX
ECP 24
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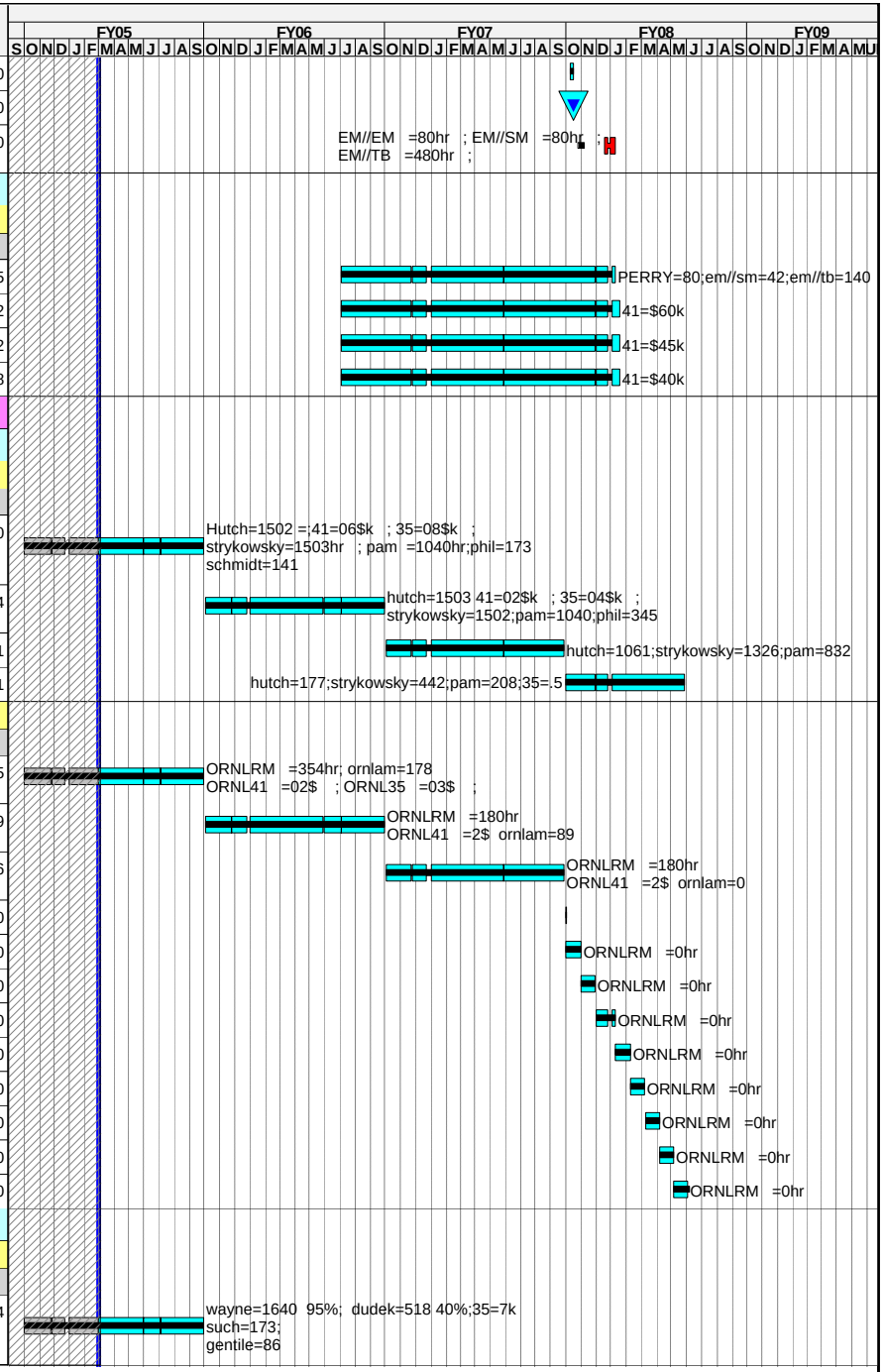
730.1249	PSO Operational Readiness Assessment	09OCT07	5	15OCT07	110		0.00	0.00
730.1250	PSO Operational Readiness Assessment		0	15OCT07	110		0.00	0.00
730.8200	PTP and Cooldown	18DEC07	10	08JAN08	67		0.00	66,749.60
76 - Tooling Design & Fabrication								
Job: 7601 - Tooling Design & Fabrication								
713.020	Lab Fab/Assy/Installation	05JUL06*	377	08JAN08	445		0.00	31,096.35
713.030	Tooling,assy fixtures,misc equipt	05JUL06*	383	16JAN08	445		0.00	79,446.42
713.040	General procurements	05JUL06*	383	16JAN08	445		0.00	59,584.82
713.050	Welding tools, materials & equipt	05JUL06*	383	16JAN08	445		0.00	52,964.28
8 - Project Oversight and Support								
81 - Project Management and Control								
Job: 8101 - Project Management & Control-NEILSON								
810.003	Project Management Office PPPL FY05	01OCT04A	251*	30SEP05	1,015	LOE	270,987.29	687,785.00
810.004	Project Management Office PPPL FY06	03OCT05*	250*	29SEP06	765		0.00	644,509.94
810.005	Project Management OfficePPPL FY07	02OCT06*	251*	28SEP07	514		0.00	513,758.61
810.900	Project Management Office PPPL FY08	01OCT07*	164	28MAY08	350		0.00	126,311.11
Job: 8102 - NCSX MIE Management ORNL-LYON								
810.103	Project Management Office ORNL FY05	01OCT04A	251*	30SEP05	1,015	LOE	37,948.68	96,316.45
810.104	Project Management Office ORNL FY06	03OCT05*	250*	29SEP06	514		0.00	49,323.49
810.104X	Project Management Office ORNL FY06	02OCT06	251*	28SEP07	514		0.00	36,217.36
810.105	Project Management Office ORNL FY07	01OCT07	0*	28SEP07	514		0.00	0.00
810.901	Project Management Office ORNL 1 mo SO	02OCT07*	21	30OCT07	345		0.00	0.00
810.980	Project Management Office ORNL 1 mo SO	31OCT07*	21	28NOV07	345		0.00	0.00
810.981	Project Management Office ORNL 1 mo SO	03DEC07*	21	09JAN08	345		0.00	0.00
810.982	Project Management Office ORNL 1 mo SO	10JAN08*	21	07FEB08	345		0.00	0.00
810.983	Project Management Office ORNL 1 mo SO	08FEB08*	21	07MAR08	345		0.00	0.00
810.984	Project Management Office ORNL 1 mo SO	10MAR08*	21	07APR08	345		0.00	0.00
810.985	Project Management Office ORNL 1 mo SO	08APR08*	21	06MAY08	345		0.00	0.00
810.986	Project Management Office ORNL 1 mo SO	07MAY08*	21	04JUN08	345		0.00	0.00
82 - Project Engineering								
Job: 8202 - Engr Mgmt & Sys Eng Support-REIERSEN								
820.003	Proj engr FY05	01OCT04A	251*	30SEP05	1,015	LOE	170,116.44	431,767.64



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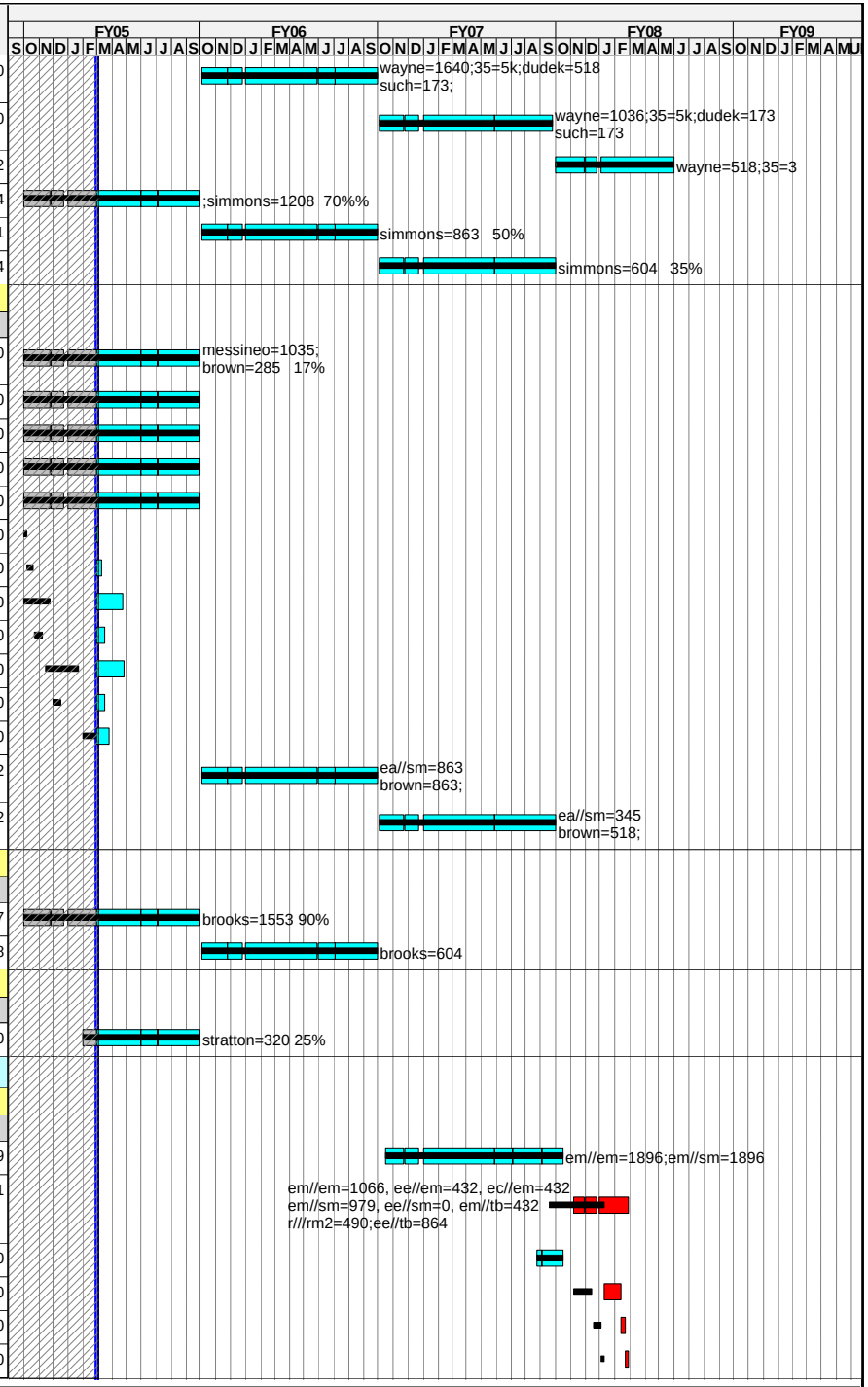
820.004	Proj engr FY06	03OCT05*	250*	29SEP06	765		0.00	392,793.60
820.004Z	Proj engr FY07	02OCT06*	248*	25SEP07	517		0.00	241,867.20
820.005	Proj engr FY08	01OCT07*	166*	30MAY08	348		0.00	101,796.02
8205FY05	System Engr Support FY05	01OCT04A	251*	30SEP05	1,015	LOE	87,589.45	222,308.24
8205FY06	Systems Engineering Support FY06	03OCT05*	250*	29SEP06	765		0.00	161,959.21
8205FY07	Systems Engineering Support FY06	02OCT06*	252*	01OCT07	513		0.00	119,024.24
Job: 8203 - Design Integration-BROWN								
8203FY05	Design Integration FY05 LOE	01OCT04A	251*	30SEP05	1,015		61,527.59	156,161.40
8203-01	General Design Integration	01OCT04A	251*	30SEP05	1,015	LOE	0.00	0.00
8203-02	Suprt interface aux sys dev&coolant/lead routing	01OCT04A	251*	30SEP05	1,015	LOE	0.00	0.00
8203-03	Develop /maintain Pro/E model of NCSX facility	01OCT04A	251*	30SEP05	1,015	LOE	0.00	0.00
8203-04	Support metrology efforts	01OCT04A	251*	30SEP05	1,015	LOE	0.00	0.00
8203-06	Complt rvw of machine assembly approach	01MAR05*	4	04MAR05	1,163		0.00	0.00
8203-07	Rvw cryostat & conventional magnet sys design	01MAR05*	9	11MAR05	1,158		0.00	0.00
8203-08	tollerance reqmnts for MCsuprt install fixt dwgs	01MAR05*	39	22APR05	1,128		0.00	0.00
8203-09	Machine suprt dsn f/compatibility with assy reqt	01MAR05*	12	16MAR05	1,155		0.00	0.00
8203-10	Dynamic simul MC half period install fixt w/ Pro	01MAR05*	42	27APR05	1,125		0.00	0.00
8203-11	Document NCSX Interlink& dwg control process	01MAR05*	11	15MAR05	1,156		0.00	0.00
8203-12	Update definition VV spool piece assy simul	01MAR05*	19	25MAR05	1,148		0.00	0.00
8203FY06	Design Integration FY06	03OCT05*	250*	29SEP06	765		0.00	239,862.22
8203FY07	Design Integration FY07	02OCT06*	252*	01OCT07	513		0.00	131,804.52
Job: 8204 - Systems Analysis-BROOKS								
8204FY05	Systems Analysis FY05	01OCT04A	251*	30SEP05	1,015	LOE	102,728.87	260,733.17
8204FY06	Systems Analysis FY06	03OCT05*	250*	29SEP06	765		0.00	103,416.88
Job: 8205 - Dimensional Control Coordination								
METFY05	Systems Analysis FY05 ECP24	01FEB05A	172*	30SEP05	1,015		6,746.42	58,158.80
85 - Integrated Systems Testing								
920.001	Procedure and Document Preparation	16OCT06*	250	15OCT07	110		0.00	561,846.69
920.000	Startup Personnel	07NOV07	72	26FEB08	67		0.00	661,852.01
920.005	Punch list,Cmplt PTP's,Reconfig, Rm temp Hi-pot	23AUG07	37	15OCT07	120		0.00	0.00
920.010	Field Coil Testsing,FCPC test & E-Beam Mapping	09JAN08	25	12FEB08	67		0.00	0.00
920.020	Final ISTP	13FEB08	7	21FEB08	67		0.00	0.00
920.021	Operations Approval	22FEB08	3	26FEB08	67		0.00	0.00



Run Date 09MAR05 12:03

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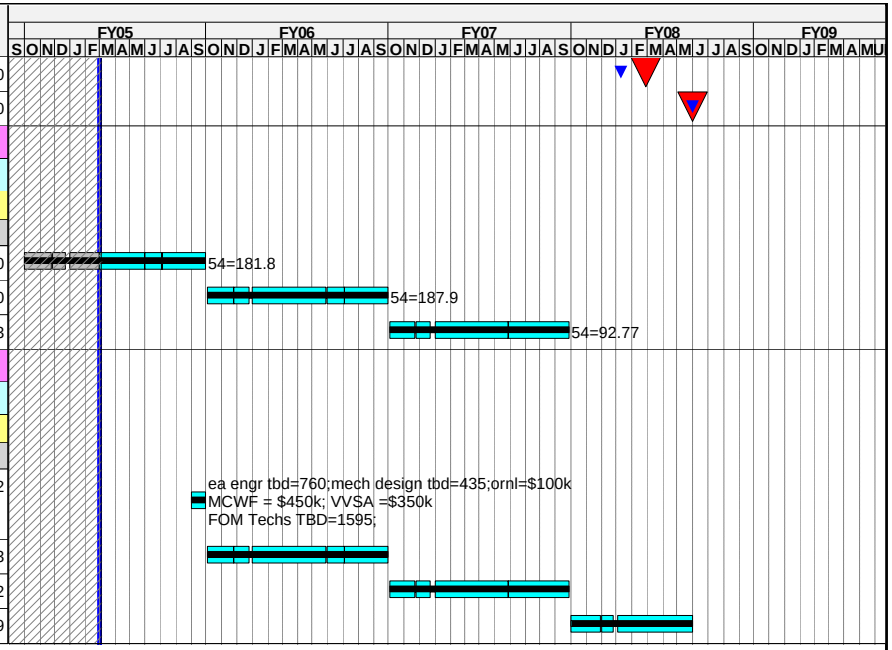
- december status
- xECP24
- Progress Bar
- Critical Activity

0502

NCSX
ECP 24
MARCH 1 Status

Completed tasks omitted

Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float	PCTC	Earned value cost (BCWP)	Budget
730.9000	First Plasma		0	26FEB08	67		0.00	0.00
M-0120	CD-4 First Plasma		0	30MAY08*	0		0.00	0.00
Allocations								
PPPL Allocations								
Job: 8998 - Allocations								
99.05	PPPL Allocations FY05	01OCT04A	251*	30SEP05	1,015	LOE	123,846.89	314,332.20
99.06	PPPL Allocations FY06	03OCT05*	250*	29SEP06	765		0.00	320,745.30
99.07	PPPL Allocations FY07	02OCT06*	251*	28SEP07	514		0.00	166,893.23
Contingency								
Contingency								
Contingency-Project								
99.105	Contingency	01SEP05*	21*	29SEP05	1,016		0.00	2,603,815.42
99.106	Contingency	03OCT05*	250*	29SEP06	765		0.00	2,917,148.73
99.107	Contingency	02OCT06*	251*	28SEP07	514		0.00	5,431,133.02
99.108	Contingency	01OCT07*	166*	30MAY08	348		0.00	1,804,979.59



Run Date 09MAR05 12:03

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- december status
- xECP24
- Progress Bar
- Critical Activity

0502

NCSX
ECP 24
MARCH 1 Status

Completed tasks omitted