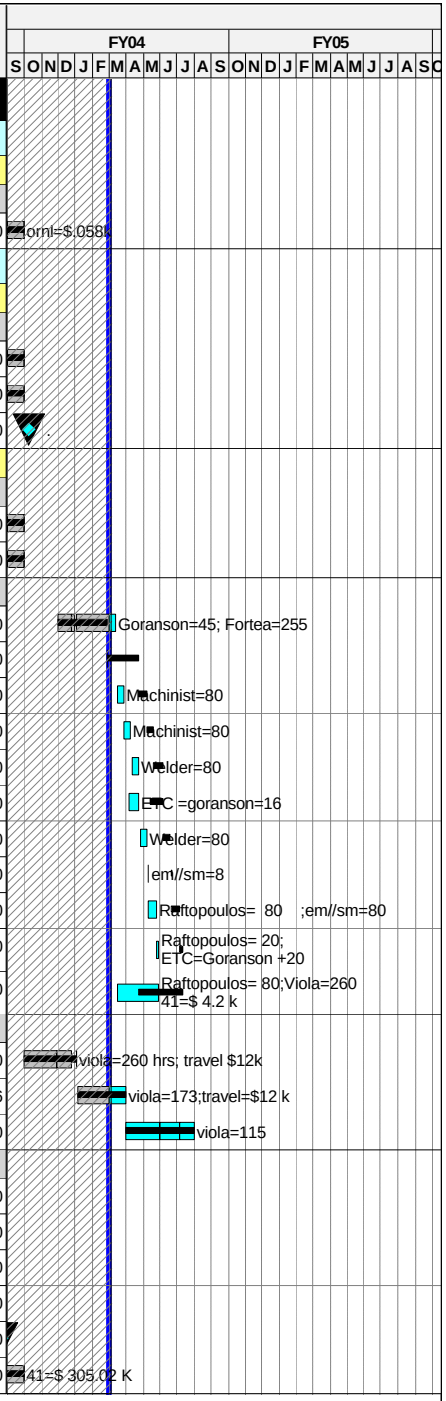
Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
1 - Stellarator Core Systems												
11 - In-Vessel Components												
Job: 1101 - Limiter Adv Conc/Prel Dsn-GORANSON												
FY03 Actual Cost												
1101-100	Update Conceptual Design	**15JUL03A**	*15JUL03A*	**30SEP03A**	*30SEP03A*		***100***	60.00	60.00	60.00		0.00
12 - Vacuum Vessel Systems												
Job: 1201 - Vacuum Vessel Prelim Dsn-GORANSON												
FY03 Actual Cost												
1201-002	Apr-Sept MIE Cost ORNL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	319,050.00	319,050.00	319,050.00		0.00
1201-003	Apr-MSept MIE Cost PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	105,370.00	105,370.00	105,370.00		0.00
1201-500	WBS 12 & 14 PDR			**07OCT03A**	*07OCT03A*			0.00	0.00	0.00		0.00
Job: 1202 - Vacuum Vessel R&D - VIOLA												
FY03 Actual Cost												
1202-002	Apr-Sept MIE Cost ORNL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	60.00	60.00	60.00		0.00
1202-003	Apr-Sept MIE Cost PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	128,340.00	128,340.00	128,340.00		0.00
Vessel Weld Joint R&D												
1203-405	Field Weld joint design and Specific spool piece	**01DEC03A**	*01DEC03A*	**26FEB04**	*12MAR04*	***231***	***80***	30,885.60	38,607.00	38,607.00		-7,721.40
1202-690	Purchase Spool piece	**27FEB04***	*27FEB04A*	**22APR04**	*27FEB04A*			0.00	0.00	0.00		0.00
1202-700	Machine pipe	**23APR04***	*15MAR04**	**06MAY04**	*26MAR04*	***230***		0.00	8,424.00	8,424.00		0.00
1202-702	Machine Flanges	**07MAY04**	*29MAR04*	**20MAY04**	*09APR04*	***230***		0.00	8,424.00	8,424.00		0.00
1202-704	Weld Flanges	**21MAY04**	*12APR04*	**04JUN04**	*23APR04*	***230***		0.00	8,424.00	8,424.00		0.00
1202-705	Prep weld &test procedure	**14MAY04**	*05APR04*	**04JUN04**	*23APR04*	***230***		0.00	0.00	0.00	$2,059	0.00
1202-706	Perform Test Welds	**07JUN04**	*26APR04*	**18JUN04**	*07MAY04*	***230***		0.00	8,424.00	8,424.00		0.00
1202-708	Install Thermocouples	**21JUN04**	*10MAY04*	**21JUN04**	*10MAY04*	***230***		0.00	842.40	842.40		0.00
1202-709	Measure Distortion & temp on backside weld	**22JUN04**	*11MAY04*	**06JUL04**	*24MAY04*	***230***		0.00	21,280.00	21,280.00		0.00
1202-710	Prepare Report	**07JUL04**	*25MAY04*	**12JUL04**	*28MAY04*	***230***		0.00	3,214.00	3,214.00	$2,500	0.00
1202-711	Supervision/QA	**23APR04**	*15MAR04*	**12JUL04**	*28MAY04*	***230***		0.00	60,196.80	60,196.80		0.00
VV Subcontractor Oversight												
1202-400	Oversight and Contract Management	**01OCT03A**	*01OCT03A*	**02JAN04A**	*02JAN04A*		***LOE***	62,738.00	62,738.00	62,738.00		0.00
1202-401	Oversight and Contract Management	**05JAN04A**	*05JAN04A*	**31MAR04**	*31MAR04*	***1,387***	***LOE***	30,916.56	48,687.50	48,687.50		3.86
1202-402	Oversight and Contract Management	**01APR04***	*01APR04**	**30JUL04**	*30JUL04*	***1,302***	***LOE***	0.00	18,572.50	18,572.50		0.00
Major Tool Subcontract (S04344F)												
1202-303	MT-Issue VVSA MIT/QA plans and C&S Est (3.1)	**02JUN03A**	*02JUN03A*	**13JUN03A**	*13JUN03A*		***100***	17,153.60	17,153.60	17,153.60		0.00
1202-305	MT-Issue Draft MIT/QA plan (3.2.1)	**13JUN03A**	*13JUN03A*	**27JUN03A**	*27JUN03A*		***100***	10,050.56	10,050.56	10,050.56		0.00
1202-310	MT-Incorp Comments & Reissue MIT/QA Plan	**10JUL03A**	*10JUL03A*	**17JUL03A**	*17JUL03A*		***100***	0.00	0.00	0.00		0.00
1202-315	Fiinalize SOW/contract & Release MT for PVVS	**18JUL03A**	*18JUL03A*	**15AUG03A**	*15AUG03A*		***100***	0.00	0.00	0.00		0.00
1202-320	MT-PPPL Fabrication Release			**15AUG03A**	*15AUG03A*		***100***	0.00	0.00	0.00		0.00
1202-324	MT-PVVS Begin Fabrication (3.2.2)	**18AUG03A**	*18AUG03A*	**30SEP03A**	*30SEP03A*		***100***	368,464.16	368,464.16	368,464.16		0.00



Run Date **12MAR04 08:59**

current schedule
xECP5 Baseline
Progress Bar
Critical Activity

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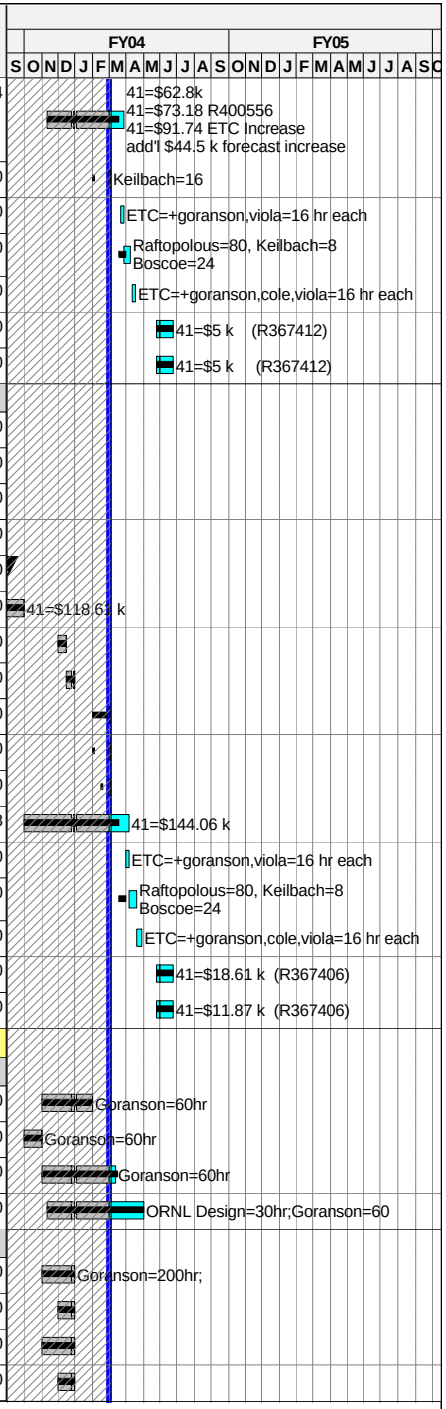
0402

NCSX
ECP5 Baseline

STATUS THROUGH
March 1, 2004

Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
1202-325	MT-PVVS Complete Fabrication (3.2.2) [A/ 1]	**10NOV03A**	*10NOV03A*	**17MAR04**	*26MAR04*	***210***	***98***	284,312.97	290,115.28	290,115.28	$44,545	36,103.24
1202-325A	Vist MT for welding	**02FEB04***	*01MAR04**	**04FEB04**	*03MAR04*	***1,426***		0.00	2,584.00	2,584.00		-2,584.00
1202-326	Prep Inspection Plan for MT PVVS		*22MAR04*		*26MAR04*	***206***		0.00	0.00	0.00	$4,643	0.00
1202-327	PPPL Receipt Inspection of MT PVVS	**18MAR04**	*29MAR04*	**31MAR04**	*09APR04*	***206***		0.00	14,148.00	14,148.00		0.00
1202-328	Prep Inspection Report of MT PVVS		*12APR04*		*16APR04*	***206***		0.00	0.00	0.00	$6,702	0.00
1202-330	MT-Final MIT/QA plans for VVSA (3.3.1)	**27MAY04**	*27MAY04*	**23JUN04**	*23JUN04*	***197***		0.00	6,370.00	6,370.00		0.00
1202-335	MT-Firm Fixed Price Proposal for VVSA (3.3.2)	**27MAY04**	*27MAY04*	**23JUN04**	*23JUN04*	***197***		0.00	6,370.00	6,370.00		0.00
Rohwedder Subcontract (S04345F)												
1202-403	RW-Issue VVSA MIT/QA plans and C&S Est (3.1)	**02JUN03A**	*02JUN03A*	**13JUN03A**	*13JUN03A*		***100***	71,888.08	71,888.08	71,888.08		0.00
1202-405	RW-Issue Draft MIT/QA plan (3.2.1)	**13JUN03A**	*13JUN03A*	**27JUN03A**	*27JUN03A*		***100***	19,352.16	19,352.16	19,352.16		0.00
1202-410	RW-Incorp Comments&Reissue MIT/QA Plan	**10JUL03A**	*10JUL03A*	**17JUL03A**	*17JUL03A*		***100***	0.00	0.00	0.00		0.00
1202-415	Fiinalize SOW/contract & Release MT for PVVS	**18JUL03A**	*18JUL03A*	**15AUG03A**	*15AUG03A*		***100***	0.00	0.00	0.00		0.00
1202-420	RW-PPPL Fabrication Release			**15AUG03A**	*15AUG03A*		***100***	0.00	0.00	0.00		0.00
1202-424	RW-PVVS Begin Fabrication (3.2.2)	**18AUG03A**	*18AUG03A*	**30SEP03A**	*30SEP03A*		***100***	143,280.88	143,280.88	143,280.88		0.00
1202-424A	RW identify fabricator	**01DEC03A**	*01DEC03A*	**15DEC03A**	*15DEC03A*		***100***	0.00	0.00	0.00		0.00
1202-424B	PPPL approve new fabricator	**16DEC03A**	*16DEC03A*	**31DEC03A**	*31DEC03A*		***100***	0.00	0.00	0.00		0.00
1202-424C	PPPL review fabricator QA	**02FEB04***	*01MAR04**	**27FEB04**	*27FEB04*	***1,429***	***80***	0.00	0.00	0.00		0.00
1202-424D	PPPL visit fabricator (Jan)	**02FEB04***	*01MAR04**	**03FEB04**	*02MAR04*	***1,427***		0.00	0.00	0.00		0.00
1202-424E	PPPL visit fabricator (Feb)	**16FEB04***	*01MAR04**	**17FEB04**	*02MAR04*	***1,427***		0.00	0.00	0.00		0.00
1202-425	RW-PVVS Complete Fabrication (3.2.2)	**01OCT03A**	*01OCT03A*	**17MAR04**	*06APR04*	***203***	***43***	79,102.48	183,532.44	183,532.44		-84,210.28
1202-426	Prep Inspection Plan for RW PVVS		*31MAR04*		*06APR04*	***199***		0.00	0.00	0.00	$4,643	0.00
1202-427	PPPL Receipt Inspection of RW PVVS	**18MAR04**	*07APR04*	**31MAR04**	*20APR04*	***199***		0.00	14,148.00	14,148.00		0.00
1202-428	Prep Inspection Report of RW PVVS		*21APR04*		*27APR04*	***199***		0.00	0.00	0.00	$6,702	0.00
1202-430	RW-Final MIT/QA plans for VVSA (3.3.1)	**27MAY04**	*27MAY04*	**23JUN04**	*23JUN04*	***197***		0.00	23,709.14	23,709.14		0.00
1202-435	RW-Firm Fixed Price Proposal for VVSA (3.3.2)	**27MAY04**	*27MAY04*	**23JUN04**	*23JUN04*	***197***		0.00	15,122.38	15,122.38		0.00
Job: 1203 - Vacuum Vessel Final Dsn-GORANSON												
Closeout PDR Design Deliverables												
1203-101	Prepare documents for PDR closeout	**03NOV03A**	*03NOV03A*	**30JAN04A**	*30JAN04A*		***100***	7,721.40	7,721.40	7,721.40		0.00
1203-111	Response to chits, prepare FY04	**01OCT03A**	*01OCT03A*	**31OCT03A**	*31OCT03A*		***100***	7,721.40	7,721.40	7,721.40		0.00
1203-121	Review, revise, and approve SRD	**01NOV03A**	*01NOV03A*	**15MAR04**	*12MAR04*	***1,424***	***80***	6,177.12	7,721.40	7,721.40		-631.00
1203-131	Complete preliminary design of insulation and he	**10NOV03A**	*10NOV03A*	**30APR04**	*30APR04*	***1,389***	***95***	8,541.01	11,582.10	11,582.10		1,231.00
PDR Recommendations												
1203-400	350c Bakeout Study	**03NOV03A**	*03NOV03A*	**31DEC03A**	*31DEC03A*		***100***	25,738.00	25,738.00	25,738.00		0.00
1203-401	Analysis & testing of tube attachment method	**01DEC03A**	*01DEC03A*	**31DEC03A**	*31DEC03A*		***100***	0.00	0.00	0.00		0.00
1203-402	Determine thermal expansion vv to mcc clearance	**01NOV03A**	*01NOV03A*	**31DEC03A**	*31DEC03A*		***100***	0.00	0.00	0.00		0.00
1203-403	Determine cost of fabrication	**01DEC03A**	*01DEC03A*	**31DEC03A**	*31DEC03A*		***100***	0.00	0.00	0.00		0.00



Run Date **12MAR04 08:59**

current schedule
xECP5 Baseline
Progress Bar
Critical Activity

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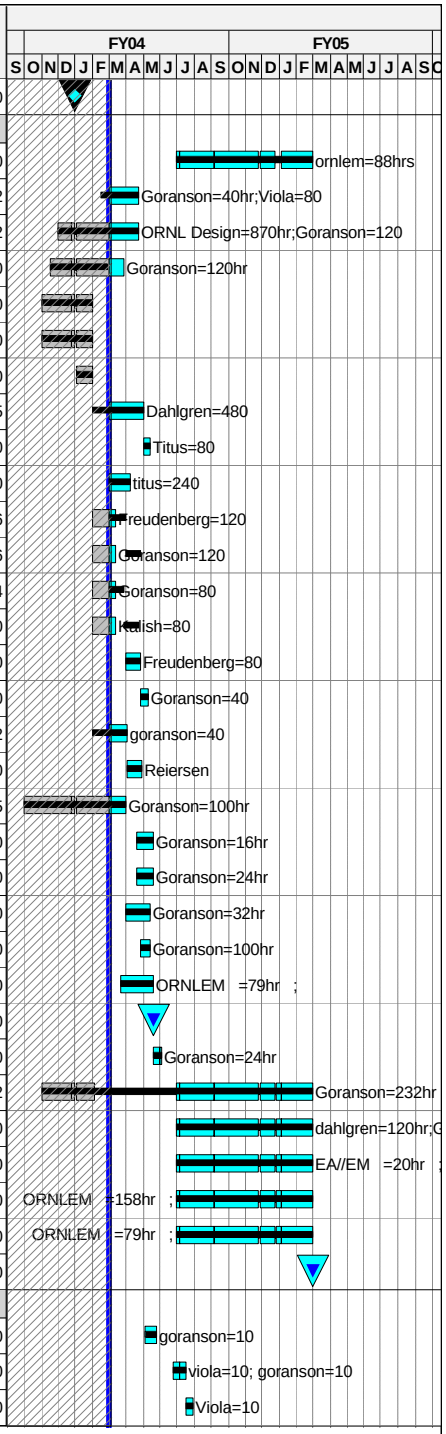
NCSX
ECP5 Baseline

STATUS THROUGH March 1, 2004

Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
1203-404	DECISION TO PROCEED WITH 350c BAKEOUT			**31DEC03A**	*31DEC03A*		***100***	0.00	0.00	0.00		0.00
Final Design Tasks												
121-000	Evaluate port ext & welding**PDR #10 & 11 &24	**01JUL04***	*01JUL04**	**28FEB05**	*28FEB05*	***1,161***		0.00	11,973.12	11,973.12		0.00
1203-141	Finalize Spec for VVSA	**16FEB04***	*01MAR04**	**23APR04**	*23APR04*	***96***		0.00	18,067.60	18,067.60		-3,613.52
1203-151	Update VVSA Drawings	**01DEC03A**	*01DEC03A*	**23APR04**	*23APR04*	***96***	***25***	31,850.78	127,403.10	127,403.10		-45,590.32
1203-161	Finalize & Sign All ICDs	**17NOV03A**	*17NOV03A*	**26FEB04**	*26MAR04*	***111***	***25***	3,860.70	15,442.80	15,442.80		-11,582.10
1203-181	Start Thermal Analyses	**01NOV03A**	*01NOV03A*	**30JAN04A**	*30JAN04A*		***100***	23,012.76	23,012.76	23,012.76		0.00
1203-191	Start Eddy Current Analyses	**03NOV03A**	*03NOV03A*	**30JAN04A**	*30JAN04A*		***100***	3,536.05	3,536.05	3,536.05		0.00
1203-202	Start Port Nozzle Analysis	**02JAN04A**	*02JAN04A*	**30JAN04A**	*30JAN04A*		***100***	5,142.40	5,142.40	5,142.40		0.00
1203-232	Structural Analysis of Vac Vsl	**02FEB04**	*01MAR04*	**30APR04**	*30APR04*	***96***	***15***	11,570.40	77,136.00	77,136.00		-12,163.75
1203-233	Check structural analysis	**03MAY04**	*03MAY04*	**14MAY04**	*14MAY04*	***96***		0.00	12,856.00	12,856.00		0.00
1203-234	Perform Global Seismic Analysis	**01MAR04***	*01MAR04**	**09APR04**	*09APR04*	***121***		0.00	38,568.00	38,568.00		0.00
1203-235	Perform Local Thermal Analysis	**02MAR04***	*02FEB04A*	**29MAR04**	*12MAR04*	***141***	***95***	14,670.66	15,442.80	15,442.80		14,670.66
1203-236	Checdk Local Thermal Analysis	**30MAR04**	*02FEB04A*	**26APR04**	*12MAR04*	***141***	***95***	14,670.66	15,442.80	15,442.80		14,670.66
1203-237	Perform Thermal-Hydraulic Analysis VV htg/clng	**01MAR04***	*02FEB04A*	**26MAR04**	*12MAR04*	***141***	***95***	9,780.44	10,295.20	10,295.20		9,780.44
1203-238	Check Thermal-Hydraulic Analysis VV htg/clng	**29MAR04**	*02FEB04A*	**23APR04**	*12MAR04*	***141***	***95***	12,213.20	12,856.00	12,856.00		12,213.20
1203-239	Perform Analysis of VV Supports	**30MAR04***	*30MAR04**	**26APR04**	*26APR04*	***100***		0.00	10,295.20	10,295.20		0.00
1203-240	Check Analysis of VV Supports	**27APR04**	*27APR04*	**10MAY04**	*10MAY04*	***100***		0.00	5,147.60	5,147.60		0.00
1203-201	Update/Perform FMECA Analyses	**02FEB04***	*01MAR04**	**01APR04**	*01APR04*	***107***		0.00	5,147.60	5,147.60		-2,339.82
1203-241	Check FMECA Analyses	**02APR04***	*02APR04**	**29APR04**	*29APR04*	***107***		0.00	0.00	0.00		0.00
1203-261	Provide Input to FP assy, Install & Startup Plan	**01OCT03A**	*01OCT03A*	**31MAR04**	*31MAR04*	***1,401***	***75***	9,651.75	12,869.00	12,869.00		-904.85
1203-291	Update Design Basis Document	**21APR04***	*21APR04**	**18MAY04**	*18MAY04*	***94***		0.00	2,059.04	2,059.04		0.00
1203-301	Update Cost and Schedule Estimates	**21APR04***	*21APR04**	**18MAY04**	*18MAY04*	***94***		0.00	3,088.56	3,088.56		0.00
1203-321	Assemble FDR Drawing Package, Check &	**01APR04***	*01APR04**	**14MAY04**	*14MAY04*	***96***		0.00	4,118.08	4,118.08		0.00
1203-331	Prepare Presentations	**26APR04***	*26APR04**	**14MAY04**	*14MAY04*	***96***		0.00	12,869.00	12,869.00		0.00
125-001	Title I design WBS 125 local I&C	**22MAR04***	*22MAR04**	**19MAY04**	*19MAY04*	***93***		0.00	10,192.25	10,192.25		0.00
1203-341	Conduct VVSA FDR			**19MAY04**	*19MAY04*	***93***		0.00	0.00	0.00		0.00
1203-311	Prepare Final Design ECP	**20MAY04***	*20MAY04**	**03JUN04**	*03JUN04*	***1,366***		0.00	3,088.56	3,088.56		0.00
1203-361	Final Design of Insulation and Heating/Cooling	**03NOV03A**	*03NOV03A*	**28FEB05**	*28FEB05*	***265***	***30***	9,336.46	31,121.53	31,127.06		1,741.32
1203-271	Develop Assembly & Installation Procedures	**01JUL04***	*01JUL04**	**28FEB05**	*28FEB05*	***265***		0.00	44,133.45	44,133.45		0.00
122-011	Title II design WBS 122 Thermal insulation	**01JUL04***	*01JUL04**	**28FEB05**	*28FEB05*	***265***		0.00	42,921.58	42,921.58		0.00
124-011	Title II design WBS 124 VV supports	**01JUL04***	*01JUL04**	**28FEB05**	*28FEB05*	***265***		0.00	21,574.43	21,574.43		0.00
125-011	Title II design WBS 125 local I&C	**01JUL04***	*01JUL04**	**28FEB05**	*28FEB05*	***265***		0.00	10,787.22	10,787.22		0.00
1203-900	Compreshensive WBS 12 FDR			**28FEB05**	*28FEB05*	***265***		0.00	0.00	0.00		0.00
Vacuum Vessel Vendor Selection												
121-6-6	Finalize tech Doc package & Resolve chits	**06MAY04**	*06MAY04*	**26MAY04**	*26MAY04*	***193***		0.00	1,286.90	1,286.90		0.00
121-6-8	Evaluate and Select VV Production Vendor	**24JUN04**	*24JUN04*	**16JUL04**	*16JUL04*	***193***		0.00	2,901.90	2,901.90		0.00
121-6-83	Negotiate with vendor	**19JUL04**	*19JUL04*	**29JUL04**	*29JUL04*	***193***		0.00	1,615.00	1,615.00		0.00



Run Date **12MAR04 09:00**

current schedule
xECP5 Baseline
Progress Bar
Critical Activity

0402

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NCSX
ECP5 Baseline

STATUS THROUGH March 1, 2004

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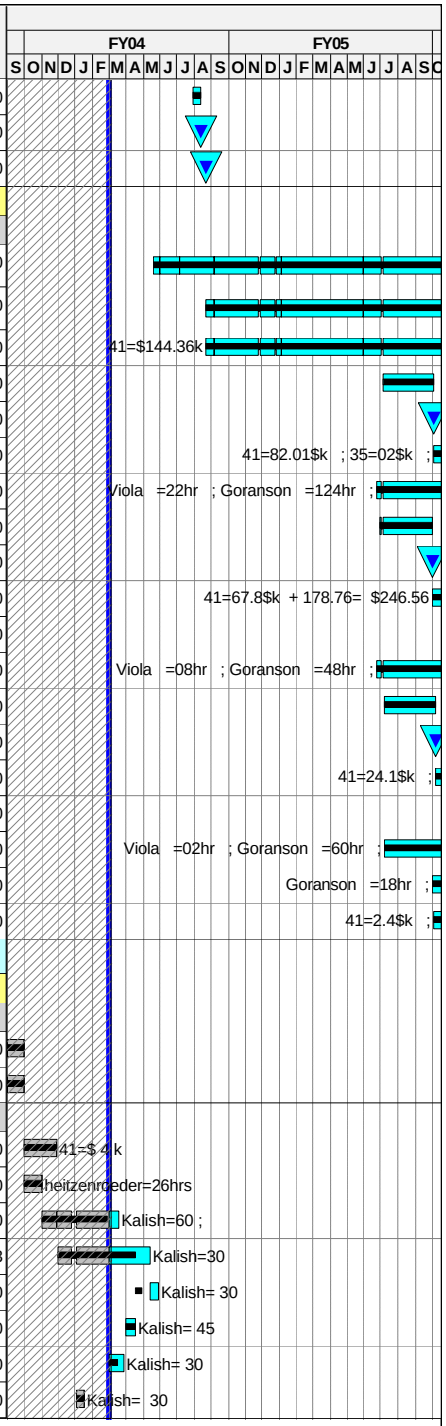
Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
121-6-85	DOE Approve VV Selection & contract	**30JUL04**	*30JUL04*	**13AUG04**	*13AUG04*	***193***		0.00	0.00	0.00		0.00
121-6-9	Award VV Production Vendor (Phase funded)			**13AUG04**	*13AUG04*	***193***		0.00	0.00	0.00		0.00
121-36-9.2	Release for Fabrication			**20AUG04**	*20AUG04*	***193***		0.00	0.00	0.00		0.00
Job:1204 - WBS 12 Title III, Procure,Fabricate												
121-031	VVSA Title III engr	**21MAY04***	*21MAY04**	**22NOV06**	*22NOV06*	***736***		0.00	238,831.20	238,831.20		0.00
121-038	FAB VVSA ba=.6/2.27/0 BO=.4/2.17/.3	**23AUG04**	*23AUG04*	**28OCT05**	*28OCT05*	***198***		0.00	2,955,260.87	2,955,260.87		0.00
121-038P	FAB VVSA NB ports	**23AUG04**	*23AUG04*	**28OCT05**	*28OCT05*	***314***		0.00	150,367.60	150,367.60		0.00
122-030	SPEA VV Thermal Insulation	**05JUL05**	*05JUL05*	**03OCT05**	*03OCT05*	***112***		0.00	0.00	0.00		0.00
122-036.9	Award VV Insulation			**03OCT05***	*03OCT05**	***112***		0.00	0.00	0.00		0.00
122-037	VV Insulation Procurement WBS 122	**04OCT05***	*04OCT05**	**03MAR06**	*03MAR06*	***112***		0.00	110,493.05	110,493.05		0.00
122-031	Title III engr WBS 122	**24JUN05**	*24JUN05*	**03MAR06**	*03MAR06*	***922***		0.00	21,460.89	21,460.89		0.00
123-030	SPEA VV Heating & Cooling	**01JUL05**	*01JUL05*	**30SEP05**	*30SEP05*	***113***		0.00	0.00	0.00		0.00
123-036.9	Award VV Heating/Cooling Distribution			**30SEP05**	*30SEP05*	***113***		0.00	0.00	0.00		0.00
123-037	VV Heating/Cooling Distr Procurement WBS 123	**03OCT05***	*03OCT05**	**05JAN06**	*05JAN06*	***113***		0.00	321,760.80	321,760.80		0.00
123-041	VV Heating/Cooling Fab/Assy WBS 123	**06JAN06**	*06JAN06*	**02MAR06**	*02MAR06*	***113***		0.00	14,744.50	14,744.50		0.00
123-031	Title III engr WBS 123	**24JUN05**	*24JUN05*	**05JAN06**	*05JAN06*	***963***		0.00	8,194.72	8,194.72		0.00
124-030	SPEA VV Supports	**08JUL05**	*08JUL05*	**06OCT05**	*06OCT05*	***138***		0.00	0.00	0.00		0.00
124-036.9	Award VV Supports			**06OCT05**	*06OCT05*	***138***		0.00	0.00	0.00		0.00
124-037	VV Supports Procurement WBS 124	**07OCT05***	*07OCT05**	**01MAR06**	*01MAR06*	***138***		0.00	31,450.50	31,450.50		0.00
124-041	VV Supports Fab/assy WBS 124	**02MAR06**	*02MAR06*	**29MAR06**	*29MAR06*	***138***		0.00	660.60	660.60		0.00
124-031	Title III engr WBS 124	**08JUL05**	*08JUL05*	**01MAR06**	*01MAR06*	***924***		0.00	8,940.72	8,940.72		0.00
125-015	Title III design Local I&C	**03OCT05***	*03OCT05**	**29DEC05**	*29DEC05*	***238***		0.00	2,608.38	2,608.38		0.00
125-037	Procurement Local I&C	**04OCT05***	*04OCT05**	**29DEC05**	*29DEC05*	***238***		0.00	3,132.00	3,132.00		0.00
13 - Conventional Coils												
Job: 1301 - Convential Coils Prel Design-KALISH												
FY03 Actual Cost												
1301-0002	Apr-Sept MIE Cost ORNL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	0.00	0.00	0.00		0.00
1301-0003	Apr-Sept MIE Cost PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	91,660.00	91,660.00	91,660.00		0.00
1402-004	Subcontract analysis upport for PDR	**01OCT03A**	*01OCT03A*	**26NOV03A**	*26NOV03A*		***100***	5,096.00	5,096.00	5,096.00		0.00
1402-005	VV/MCC PDR support	**01OCT03A**	*01OCT03A*	**31OCT03A**	*31OCT03A*		***100***	4,178.20	4,178.20	4,178.20		0.00
1301-100	Prepare Scope Sheet to define interfaces	**03NOV03A**	*03NOV03A*	**27FEB04**	*19MAR04*	***1,395***	***10***	964.20	9,642.00	9,642.00		-8,677.80
1301-105	Prepare Interface Dwgs for ICD's	**01DEC03A**	*01DEC03A*	**15APR04**	*13MAY04*	***162***	***50***	2,410.50	4,821.00	4,821.00		-628.83
1301-110	Finalize ICDs	**16APR04**	*14MAY04*	**29APR04**	*27MAY04*	***162***		0.00	4,821.00	4,821.00		0.00
1301-115	Update design Basis Document	**01APR04***	*01APR04**	**15APR04**	*15APR04*	***192***		0.00	7,231.50	7,231.50		0.00
1301-120	Finalize SRD	**01MAR04***	*01MAR04**	**15MAR04**	*26MAR04*	***206***		0.00	4,821.00	4,821.00		0.00
1301-140	Complete Draft SOW	**02JAN04A**	*02JAN04A*	**15JAN04A**	*15JAN04A*		***100***	4,821.00	4,821.00	4,821.00		0.00



Run Date **12MAR04 09:00**

current schedule
xECP5 Baseline
Progress Bar
Critical Activity

0402

NCSX
ECP5 Baseline

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STATUS THROUGH
March 1, 2004

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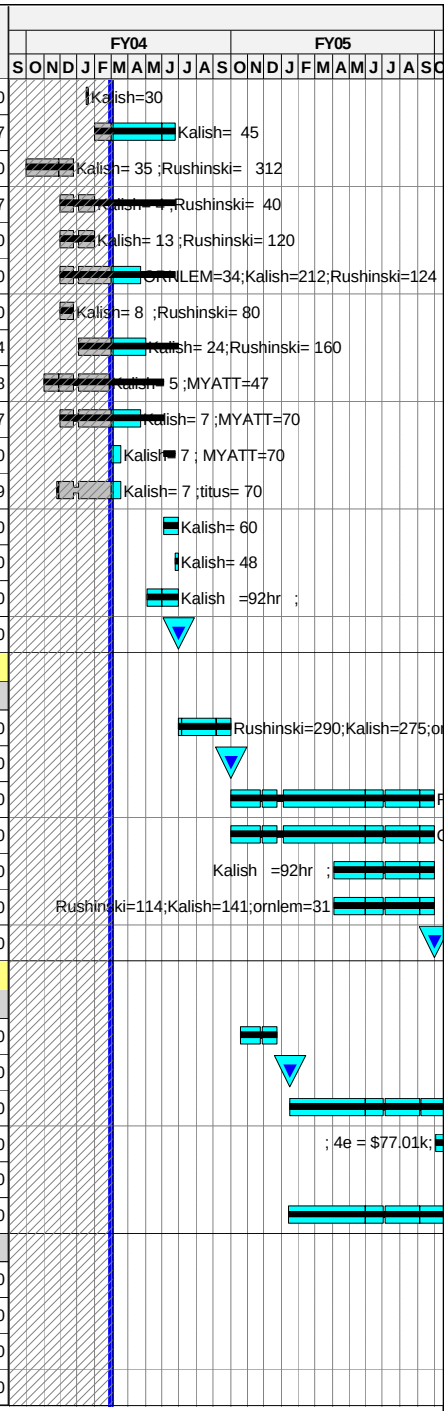
Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
1301-145	Post Draft SOW on WEB to Solicit Vendr Input	**16JAN04A**	*16JAN04A*	**19JAN04A**	*19JAN04A*		***100***	1,285.60	1,285.60	1,285.60		0.00
1301-150	Vendor Responses	**02FEB04***	*02FEB04A*	**23JUN04**	*23JUN04*	***144***	***LOE***	1,417.37	7,231.50	7,231.50		-.57
1301-155	Trim Coil Layouts	**01OCT03A**	*01OCT03A*	**23DEC03A**	*23DEC03A*		***100***	55,762.90	55,762.90	55,762.90		0.00
1301-160	Trim Coil Leads	**01DEC03A**	*01DEC03A*	**23JUN04**	*30JAN04A*		***100***	7,070.80	7,070.80	7,070.80		4,141.47
1301-165	PF1-PF3 Support System Layouts	**01DEC03A**	*01DEC03A*	**30JAN04A**	*30JAN04A*		***100***	21,373.10	21,373.10	21,373.10		0.00
163-001	Title I design CS sprt struc	**01DEC03A**	*01DEC03A*	**23JUN04**	*23APR04*	***186***	***80***	46,696.53	58,370.66	58,370.66		22,514.40
1301-170	New Lead Details	**01DEC03A**	*01DEC03A*	**23DEC03A**	*23DEC03A*		***100***	14,141.60	14,141.60	14,141.60		0.00
1301-175	Iterate & Finalize Design	**02JAN04A**	*02JAN04A*	**30JUN04**	*30APR04*	***181***	***50***	14,784.40	29,568.80	29,568.80		5,313.14
1301-180	Update ANSYS model & structure	**03NOV03A**	*03NOV03A*	**01JUN04**	*27FEB04A*		***100***	8,294.62	8,294.62	8,356.40		7,864.58
1301-185	FEA Analysis Coils,Stress deflection	**01DEC03A**	*01DEC03A*	**02JUN04**	*23APR04*	***186***	***80***	9,817.92	12,272.40	12,373.90		9,295.97
1301-190	FEA Analysis PF Supports,Stress Deflection	**02JUN04**	*01MAR04*	**22JUN04**	*19MAR04*	***211***		0.00	12,272.40	12,373.90		0.00
1301-195	Seismic Analysis	**26NOV03A**	*26NOV03A*	**26NOV03A**	*17MAR04*	***1,397***		10,051.09	12,272.40	12,373.90		8,926.19
1301-125	Update Cost and Schedule	**03JUN04**	*03JUN04*	**30JUN04**	*30JUN04*	***139***		0.00	9,642.00	9,642.00		0.00
1301-130	Prepare for PDR	**23JUN04**	*23JUN04*	**30JUN04**	*30JUN04*	***139***		0.00	7,713.60	7,713.60		0.00
133-010	Title I design WBS 134 Conv Coil I&C	**05MAY04***	*05MAY04*	**30JUN04**	*30JUN04*	***139***		0.00	14,784.40	14,784.40		0.00
1301-135	PDR			**30JUN04***	*30JUN04**	***139***		0.00	0.00	0.00		0.00
Job: 1303 - WBS 13 Final Design -KALISH												
131-011	Title II design WBS 131 TF coils	**01JUL04***	*01JUL04**	**30SEP04**	*30SEP04*	***139***		0.00	100,189.87	100,189.87		0.00
131-012	WBS 13 TF FDR			**30SEP04**	*30SEP04*	***139***		0.00	0.00	0.00		0.00
141-011	Title II design WBS 132 PF coils	**01OCT04***	*01OCT04**	**30SEP05**	*30SEP05*	***187***		0.00	167,006.83	167,006.83		0.00
163-011	Title II design CS sprt struc	**01OCT04***	*01OCT04**	**30SEP05**	*30SEP05*	***187***		0.00	53,216.38	53,216.38		0.00
133-011	Title II design WBS 134 Conv Coil I&C	**06APR05**	*06APR05*	**30SEP05**	*30SEP05*	***187***		0.00	15,198.40	15,198.40		0.00
184-011	Title II design WBS 133 Ext trim coils	**06APR05***	*06APR05**	**30SEP05**	*30SEP05*	***259***		0.00	39,983.57	39,983.57		0.00
141-012	WBS 13 PF/CS SPRT FDR			**30SEP05**	*30SEP05*	***187***		0.00	0.00	0.00		0.00
Job: 1304 - WBS 13 Procure/Fab/Title III-KALISH												
TF Coils												
131-034	Bid & Award TF Coils	**20OCT04***	*20OCT04**	**23DEC04**	*23DEC04*	***126***		0.00	0.00	0.00		0.00
131-035	TF Coils Awarded	**17JAN05***	*17JAN05**			***117***		0.00	0.00	0.00		0.00
131-037	TF Coil Procurement [A/1]	**17JAN05**	*17JAN05*	**15SEP06**	*15SEP06*	***117***		0.00	1,233,928.97	1,233,928.97		0.00
131-037A	TF Coil cost correction	**06OCT05**	*06OCT05*	**15SEP06**	*15SEP06*	***117***		0.00	81,707.61	81,707.61		0.00
131-038	All TF Coils Delivered			**15SEP06**	*15SEP06*	***117***		0.00	0.00	0.00		0.00
131-031	Title III engr	**13JAN05***	*13JAN05**	**29SEP06**	*29SEP06*	***761***		0.00	130,456.04	130,456.04		0.00
PF Coils												
141-035	Bid & Award PF Coils	**30JAN06**	*30JAN06*	**31MAR06**	*31MAR06*	***154***		0.00	0.00	0.00		0.00
141-036	PF Coils Awarded	**03APR06***	*03APR06**			***154***		0.00	0.00	0.00		0.00
143-037	PF 4 Procurement [A/1]	**03APR06**	*03APR06*	**08NOV06**	*08NOV06*	***158***		0.00	224,756.29	224,756.29		0.00
144-037	PF 5 Procurement [A/1]	**03APR06**	*03APR06*	**08NOV06**	*08NOV06*	***158***		0.00	239,130.45	239,130.45		0.00



Run Date **12MAR04 09:00**

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current schedule
xECP5 Baseline
Progress Bar
Critical Activity

0402

NCSX
ECP5 Baseline

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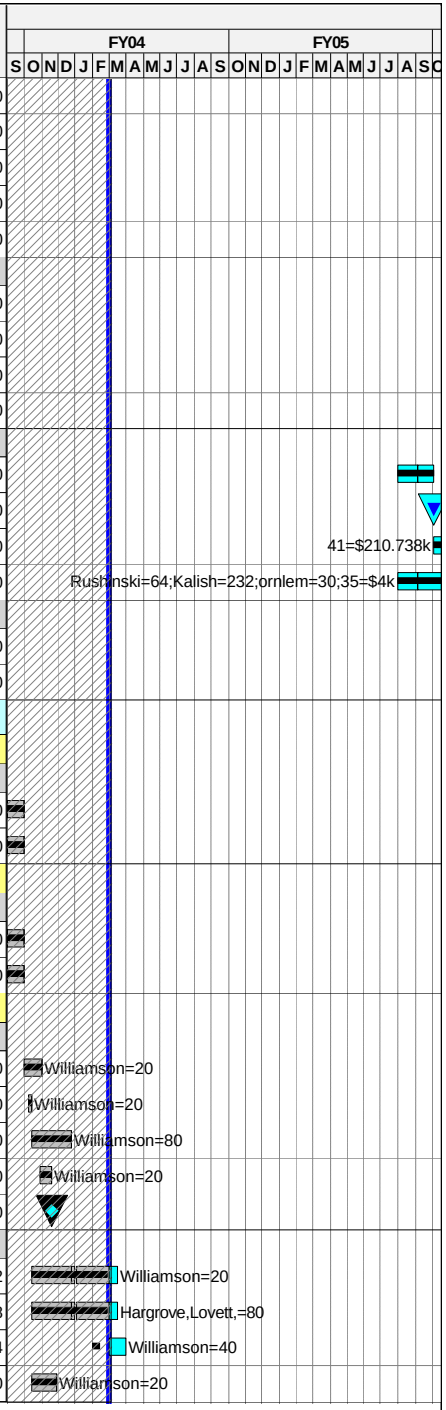
STATUS THROUGH
March 1, 2004

Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
145-037	PF 6 Procurement [A/1]	03APR06	03APR06	08NOV06	08NOV06	158		0.00	211,469.78	211,469.78		0.00
141-037	PF OH Solenoid Procurement PF1 [A/1]	01MAY06*	01MAY06*	26FEB07	26FEB07	134		0.00	173,241.98	173,241.98		0.00
141B-037	PF OH Solenoid Procurement PF2 [A/1]	01MAY06*	01MAY06*	26FEB07	26FEB07	134		0.00	138,102.22	138,102.22		0.00
142-037	PF OH Solenoid Procurement PF3 [A/1]	01MAY06*	01MAY06*	26FEB07	26FEB07	134		0.00	146,668.65	146,668.65		0.00
141-031	Title III engr WBS 132	30JAN06*	30JAN06*	22FEB07	22FEB07	665		0.00	141,578.37	141,578.37		0.00
CS Support Structure												
163-035	Bid & Award CS Support Struct	21DEC05	21DEC05	01MAR06	01MAR06	132		0.00	0.00	0.00		0.00
163-036.9	Award CS Support Structure			01MAR06*	01MAR06*	132		0.00	0.00	0.00		0.00
163-037	CS Support Structure Procurement/Fab	02MAR06*	02MAR06*	28FEB07	28FEB07	132		0.00	195,207.78	195,207.78		0.00
163-015	Title III design CS sprt struc	21DEC05	21DEC05	28FEB07	28FEB07	661		0.00	57,061.93	57,061.93		0.00
Trim Coils												
184-035	Bid & Award Ext Trim Coils	01AUG05	01AUG05	03OCT05	03OCT05	258		0.00	0.00	0.00		0.00
184-036	Award External Trim Coils			03OCT05*	03OCT05*	258		0.00	0.00	0.00		0.00
184-037	External Trim Coil Procurement/Fab	04OCT05	04OCT05	13FEB06	13FEB06	258		0.00	275,015.70	275,015.70		0.00
184-015	Title III WBS 133 Rxt Trim Coils	01AUG05	01AUG05	06MAR06	06MAR06	907		0.00	57,039.77	57,039.77		0.00
TF/PF Loacl I&C												
133-015	Title III WBS 134 Conv Coil I&C	05JUN06*	05JUN06*	07DEC06	07DEC06	714		0.00	3,696.20	3,696.20		0.00
133-037	Conv Coil I&C WBS 134 Proc & Install	05JUN06*	05JUN06*	07DEC06	07DEC06	185		0.00	66,610.52	66,610.52		0.00
14 - Modular Coils												
Job: 1401 - Mod Coil Prel.Dsn-WILLIAMSON												
FY03 Actual Cost												
1401-002	Apr-Sept MIE Cost ORNL	01APR03A	01APR03A	30SEP03A	30SEP03A		100	303,040.00	303,040.00	303,040.00		0.00
1401-003	Apr-Sept MIE Cost PPPL	01APR03A	01APR03A	30SEP03A	30SEP03A		100	0.00	0.00	0.00		0.00
Job: 1402 - Mod.Coil Analyses-WILLIAMSON												
FY03 Actual Cost												
1402-002	Apr-Sept MIE Cost ORNL	01APR03A	01APR03A	30SEP03A	30SEP03A		100	84,220.00	84,220.00	84,220.00		0.00
1402-003	Apr-Sept MIE Cost PPPL	01APR03A	01APR03A	30SEP03A	30SEP03A		100	154,920.00	154,920.00	154,920.00		0.00
Job: 1403 - WBS 14 Final Design-WILLIAMSON												
PDR/PBR Prep												
1403-04	Plan response to PDR chits	01OCT03A	01OCT03A	31OCT03A	31OCT03A		100	2,573.80	2,573.80	2,573.80		0.00
1403-05	Prepare FY04 WP / WAF / Checklists	08OCT03A	08OCT03A	14OCT03A	14OCT03A		100	2,573.80	2,573.80	2,573.80		0.00
1403-06	Prepare documents for PDR closeout	15OCT03A	15OCT03A	24DEC03A	24DEC03A		100	10,295.20	10,295.20	10,295.20		0.00
1403-07	Prepare PBR documentation	31OCT03A	31OCT03A	18NOV03A	18NOV03A		100	2,573.80	2,573.80	2,573.80		0.00
1403-08	Performance Baseline Review			18NOV03A	18NOV03A		100	0.00	0.00	0.00		0.00
Requirements/Config and Interfaces												
1403-10	Review, revise, and approve SRD	15OCT03A	15OCT03A	27FEB04	15MAR04	131	60	1,544.28	2,573.80	2,573.80		-1,029.52
1403-11	Prepare assembly / interface drawings for ICDs	15OCT03A	15OCT03A	26FEB04	15MAR04	125	60	6,177.12	10,295.20	10,295.20		-4,118.08
1403-12	Finalize and approve all ICDs	02FEB04*	01MAR04*	13FEB04	30MAR04	114	60	3,088.56	5,147.60	5,147.60		-2,059.04
1403-13	Finalize winding pack ref xsec, conductor dims	15OCT03A	15OCT03A	26NOV03A	26NOV03A		100	2,573.80	2,573.80	2,573.80		0.00



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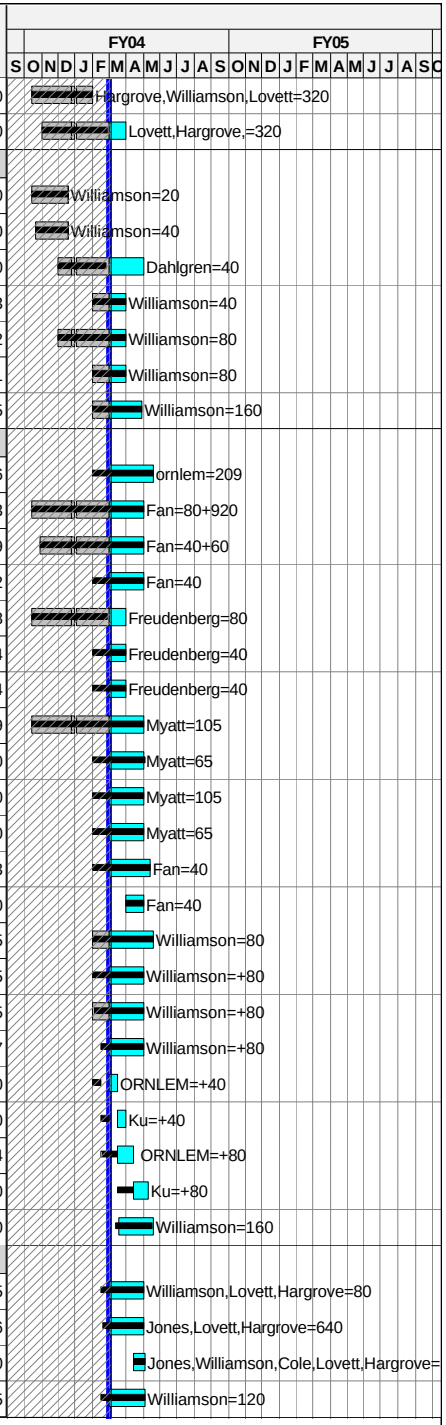
Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
1403-14	Revise winding form and windings/asm models	**15OCT03A**	*15OCT03A*	**30JAN04A**	*30JAN04A*		***100***	41,309.49	41,309.49	41,309.49		0.00
1403-15	Prepare winding form asm / detail drawings	**03NOV03A**	*03NOV03A*	**27FEB04**	*30MAR04*	***1,412***	***75***	30,885.60	41,180.80	41,180.80		-10,295.20
Analysis - Thermal & Electrical												
1403-21	Document electrical, insulation parameters	**15OCT03A**	*15OCT03A*	**19DEC03A**	*19DEC03A*		***100***	2,573.80	2,573.80	2,573.80		0.00
1403-22	Update thermal analysis to current WP design	**22OCT03A**	*22OCT03A*	**19DEC03A**	*19DEC03A*		***100***	5,147.60	5,147.60	5,147.60		0.00
1403-23	Update thermo-hydraulic analysis of coils	**01DEC03A**	*01DEC03A*	**23FEB04**	*30APR04*	***106***	***20***	1,285.60	6,428.00	6,428.00		-5,142.40
1403-25	Check EM loads calculation for ref scenarios	**02FEB04***	*02FEB04A*	**31MAR04**	*31MAR04*	***128***	***60***	3,088.56	5,147.60	5,147.60		694.33
1403-26	Perform scan of EM fault load conditions	**01DEC03A**	*01DEC03A*	**31MAR04**	*31MAR04*	***128***	***60***	6,177.12	10,295.20	10,295.20		-1,332.32
1403-26.1	Check thermal & electrical calculations	**02FEB04***	*02FEB04A*	**31MAR04**	*31MAR04*	***128***	***30***	3,088.56	10,295.20	10,295.20		-1,699.91
1403-27	Prepare thermal, electrical analysis report	**02FEB04***	*02FEB04A*	**28APR04**	*28APR04*	***108***	***20***	4,118.08	20,590.40	20,590.40		-2,418.55
Analysis - Structural												
141TITLE2P	PDR #1,4,26 Access,Tolerance Budget,Bolting	**02FEB04***	*01MAR04**	**19MAY04**	*19MAY04*	***1,352***		0.00	26,896.21	26,896.21		-6,896.46
1403-29	Complete ANSYS model of coil structure asm	**15OCT03A**	*15OCT03A*	**30APR04**	*30APR04*	***106***	***60***	96,420.00	160,700.00	160,700.00		-12,626.43
1403-30	Analyze global stress /deflect winding form asm	**31OCT03A**	*31OCT03A*	**30APR04**	*30APR04*	***106***	***40***	6,428.00	16,070.00	16,070.00		-3,992.39
1403-31	Analyze stress in bolted connections	**02FEB04***	*01MAR04**	**30APR04**	*30APR04*	***106***	***40***	2,571.20	6,428.00	6,428.00		-1,631.72
1403-32	Update MECHANICA model of 3 coil types	**15OCT03A**	*15OCT03A*	**27FEB04**	*31MAR04*	***128***	***60***	6,177.12	10,295.20	10,295.20		-4,118.08
1403-33	Anlyz wind pack deflect/stress fo thrml, EM lds	**02FEB04***	*01MAR04**	**31MAR04**	*31MAR04*	***128***	***30***	1,544.28	5,147.60	5,147.60		-2,226.64
1403-34	Analyze and optimize clamp locations	**02FEB04***	*01MAR04**	**31MAR04**	*31MAR04*	***128***	***30***	1,544.28	5,147.60	5,147.60		-2,226.64
1403-35	Perform supporting analysis for material tests	**15OCT03A**	*15OCT03A*	**30APR04**	*30APR04*	***106***	***30***	5,018.29	16,727.62	16,873.50		5,018.29
1403-36	Update EM loads for reference scenarios	**02FEB04***	*01MAR04**	**04MAY04**	*30APR04*	***106***		0.00	10,357.62	10,445.50		0.00
1403-37	Perform check og global structural analysis	**02FEB04***	*01MAR04**	**30APR04**	*30APR04*	***106***		0.00	16,727.62	16,873.50		0.00
1403-38	Check nonlinear winding pack analysis	**02FEB04***	*01MAR04**	**30APR04**	*30APR04*	***106***		0.00	10,357.62	10,445.50		0.00
1403-39	Analyze gravity, equip, seismic loading	**02FEB04***	*01MAR04**	**14MAY04**	*14MAY04*	***96***		0.00	6,428.00	6,428.00		-1,714.13
1403-40	Analyze combined loads and fault conditions	**31MAR04***	*31MAR04**	**30APR04**	*30APR04*	***106***		0.00	6,428.00	6,428.00		0.00
1403-40.1	Check Structural Calculations	**02FEB04***	*02FEB04A*	**19MAY04**	*19MAY04*	***93***	***20***	2,059.04	10,295.20	10,295.20		-580.75
1403-40.1A	Prepare plate element model of coil structure	**02FEB04***	*01MAR04**	**30APR04**	*30APR04*	***106***		0.00	10,295.20	10,295.20		-3,167.75
1403-40.1B	Confirm global deflection/stress, re-inf of shel	**03FEB04***	*02FEB04A*	**30APR04**	*30APR04*	***106***	***20***	2,059.04	10,295.20	10,295.20		-997.35
1403-40.1C	Check all struct calculkations	**17FEB04***	*01MAR04**	**30APR04**	*30APR04*	***106***		0.00	10,295.20	10,295.20		-1,715.87
1403-40.2A	Develop multi-filament model of all coils	**02FEB04***	*01MAR04**	**16FEB04**	*15MAR04*	***100***		0.00	5,147.60	5,147.60		-5,147.60
1403-40.2B	Confirm Plasma performance & surface quality	**17FEB04**	*16MAR04*	**01MAR04**	*30MAR04*	***109***		0.00	6,428.00	6,428.00		-5,785.20
1403-40.2C	Model expected deflections under thermal/EM	**17FEB04**	*16MAR04*	**15MAR04**	*12APR04*	***100***		0.00	10,295.20	10,295.20		-4,632.84
1403-40.2D	Confirm plasma performance & surface quality	**16MAR04**	*13APR04*	**12APR04**	*10MAY04*	***100***		0.00	12,856.00	12,856.00		0.00
1403-41	Prepare structural analysis report	**12MAR04***	*18MAR04**	**17MAY04**	*19MAY04*	***93***		0.00	20,590.40	20,590.40		0.00
Winding Form FDR Prep												
1403-43	Incorporate changes due to prototype fabr	**16FEB04***	*01MAR04**	**30APR04**	*30APR04*	***106***		0.00	10,423.89	10,423.89		-1,895.25
1403-44	Prepare final drawings for winding forms, asm	**20FEB04***	*01MAR04**	**30APR04**	*30APR04*	***106***		0.00	82,232.91	82,232.91		-9,674.46
1403-45	Check and promote models / drawings	**15APR04***	*15APR04**	**05MAY04**	*05MAY04*	***103***		0.00	41,180.80	41,180.80		0.00
1403-46	Update build-to specification / SOW	**16FEB04***	*01MAR04**	**05MAY04**	*05MAY04*	***103***		0.00	15,442.80	15,442.80		-2,662.55



Run Date **12MAR04 09:00**

current schedule
xECP5 Baseline
Progress Bar
Critical Activity

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0402

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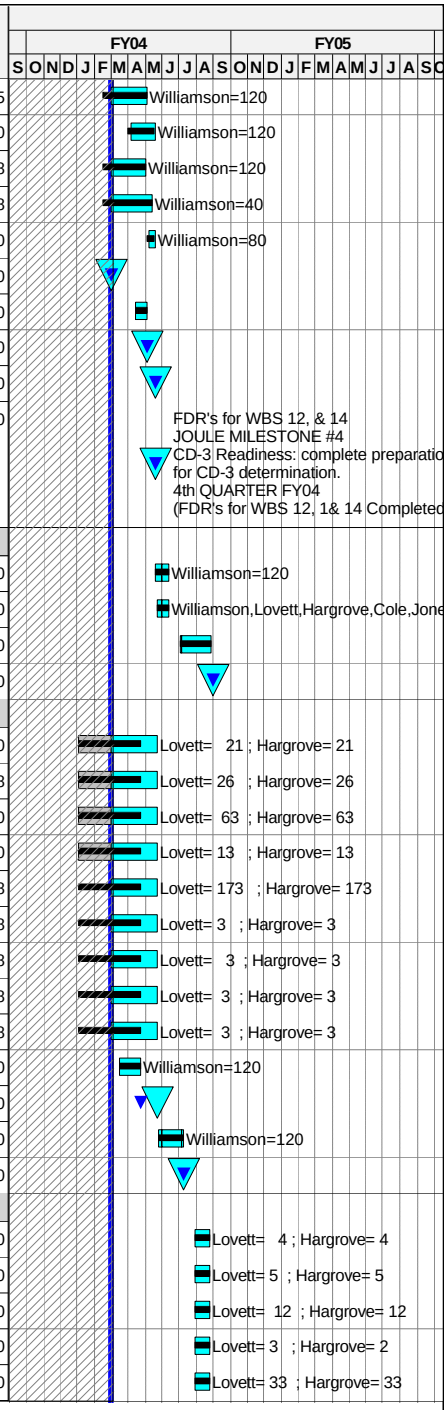
ECP5 Baseline

STATUS THROUGH March 1, 2004

Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
1403-47	Prepare failure modes assessment (FMECA)	**16FEB04***	*01MAR04**	**05MAY04**	*05MAY04*	***103***		0.00	15,442.80	15,442.80		-2,662.55
1403-48	Update design basis document	**01APR04***	*05APR04**	**17MAY04**	*19MAY04*	***93***		0.00	15,442.80	15,442.80		0.00
1403-49	Update cost / schedule estimates	**16FEB04***	*01MAR04**	**30APR04**	*30APR04*	***106***		0.00	15,442.80	15,442.80		-2,807.78
1403-49.1	Process ECP for all changes	**16FEB04***	*01MAR04**	**12MAY04**	*12MAY04*	***98***		0.00	5,147.60	5,147.60		-817.08
1403-50	Prepare FDR documentation / presentations	**05MAY04***	*07MAY04**	**17MAY04**	*19MAY04*	***93***		0.00	10,295.20	10,295.20		0.00
1403-50.1	Release EIO/JPP f/flow solidif & mach simulation	**01MAR04***	*01MAR04**			***171***		0.00	0.00	0.00		0.00
1403-50.2	Prepare Prelim Bid Package	**13APR04**	*13APR04*	**03MAY04**	*03MAY04*	***129***		0.00	0.00	0.00		0.00
1403-50.5	Prelim Bid Package Released			**03MAY04***	*03MAY04**	***129***		0.00	0.00	0.00		0.00
1403-51	Final Design Review			**19MAY04***	*19MAY04**	***93***		0.00	0.00	0.00		0.00
C-081.1	JOULE MILESTONE #4 - CD-3 Readiness			**19MAY04**	*19MAY04*	***93***		0.00	0.00	0.00		0.00
Post FDR Update & Planning												
1403-53	Resolve FDR comments and recommendations	**20MAY04**	*20MAY04*	**10JUN04**	*10JUN04*	***117***		0.00	15,442.80	15,442.80		0.00
1403-54	Final bid package(specs,models,dwgs)	**24MAY04**	*24MAY04*	**10JUN04**	*10JUN04*	***117***		0.00	20,590.40	20,590.40		0.00
C-071	Project eval cost proposals & select vendor	**02JUL04**	*02JUL04*	**27AUG04**	*27AUG04*	***117***		0.00	0.00	0.00		0.00
C-081	Castings-Award Mfg contract (phase funded)	**30AUG04***	*30AUG04**			***117***		0.00	0.00	0.00		0.00
Winding and Assembly Design-Prototype (typeC)												
1403-100	Winding & Insulation Dwgs (8)-Prototype	**02JAN04A**	*02JAN04A*	**23APR04**	*21MAY04*	***124***	***30***	1,621.50	5,404.98	5,404.98		-1,081.00
1403-101	Leads & crossover Dwgs (10)-Prototype	**02JAN04A**	*02JAN04A*	**23APR04**	*21MAY04*	***124***	***30***	2,007.56	6,691.88	6,691.88		-1,338.38
1403-102	G-10 Filler Dwgs (24)-Prototype	**02JAN04A**	*02JAN04A*	**23APR04**	*21MAY04*	***124***	***30***	4,864.48	16,214.94	16,214.94		-3,243.00
1403-103	Clamp Dwgs (5)-Prototype	**02JAN04A**	*02JAN04A*	**23APR04**	*21MAY04*	***124***	***30***	1,003.78	3,345.94	3,345.94		-669.20
1403-104	Chill Plate Dwgs (66)-Prototype	**02JAN04A**	*01MAR04*	**23APR04**	*21MAY04*	***124***		0.00	44,526.74	44,526.74		-22,263.38
1403-105	Installation Dwgs (1)-Prototype	**02JAN04A**	*01MAR04*	**23APR04**	*21MAY04*	***124***		0.00	772.14	772.14		-386.08
1403-106	Cooling Schematic Dwgs (1)-Prototype	**02JAN04A**	*01MAR04*	**23APR04**	*21MAY04*	***124***		0.00	772.14	772.14		-386.08
1403-107	Electrical Schematic Dwgs (1)-Prototype	**02JAN04A**	*01MAR04*	**23APR04**	*21MAY04*	***124***		0.00	772.14	772.14		-386.08
1403-108	I&C Dwgs (1) -Prototype	**02JAN04A**	*01MAR04*	**23APR04**	*21MAY04*	***124***		0.00	772.14	772.14		-386.08
1403-60	Update design basis document	**15MAR04**	*15MAR04**	**23APR04**	*23APR04*	***144***		0.00	15,442.80	15,442.80		0.00
1403-20	Prototype FDR (Type C Drawings)			**23APR04**	*21MAY04**	***124***		0.00	0.00	0.00		0.00
1403-59	Update build-to specifications	**26MAY04**	*26MAY04*	**08JUL04**	*08JUL04*	***142***		0.00	15,442.80	15,442.80		0.00
1403-20.1	Prototype Fab Readiness Review			**08JUL04**	*08JUL04**	***142***		0.00	0.00	0.00		0.00
Winding and Assembly Design-Type C												
1403-200	Winding & Insulation Dwgs (8)-Type C Updates	**29JUL04**	*29JUL04**	**25AUG04**	*25AUG04*	***122***		0.00	1,029.52	1,029.52		0.00
1403-201	Leads & crossover Dwgs (10)-Type C Updates	**29JUL04**	*29JUL04**	**25AUG04**	*25AUG04*	***122***		0.00	1,286.90	1,286.90		0.00
1403-202	G-10 Filler Dwgs (24)-Type C Updates	**29JUL04**	*29JUL04**	**25AUG04**	*25AUG04*	***122***		0.00	3,088.56	3,088.56		0.00
1403-203	Clamp Dwgs (5)-Type C Updates	**29JUL04**	*29JUL04**	**25AUG04**	*25AUG04*	***122***		0.00	643.45	643.45		0.00
1403-204	Chill Plate Dwgs (66)-Type C Updates	**29JUL04**	*29JUL04**	**25AUG04**	*25AUG04*	***122***		0.00	8,493.54	8,493.54		0.00



Run Date **12MAR04 09:00**

current schedule
xECP5 Baseline
Progress Bar
Critical Activity

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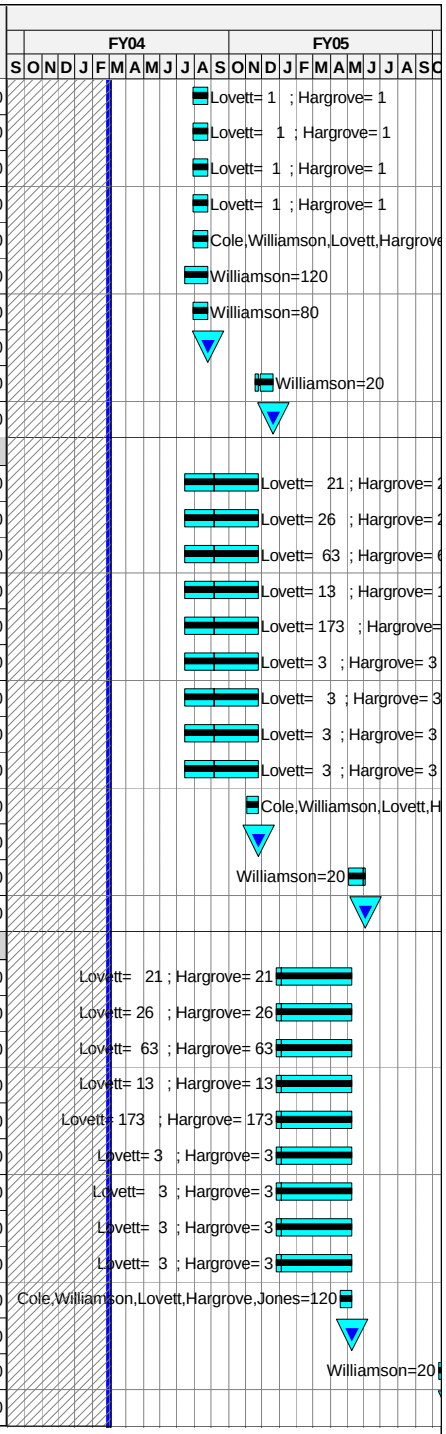
0402

NCSX
ECP5 Baseline

STATUS THROUGH
March 1, 2004

Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
1403-205	Installation Dwgs (1)-Type C Updates	**29JUL04**	*29JUL04**	**25AUG04**	*25AUG04*	***122***		0.00	257.38	257.38		0.00
1403-206	Cooling Schematic Dwgs (1)-Type C Updates	**29JUL04**	*29JUL04**	**25AUG04**	*25AUG04*	***122***		0.00	257.38	257.38		0.00
1403-207	Electrical Schematic Dwgs (1)-Type C Updates	**29JUL04**	*29JUL04**	**25AUG04**	*25AUG04*	***122***		0.00	257.38	257.38		0.00
1403-208	I&C Dwgs (1) -Type C Updates	**29JUL04**	*29JUL04**	**25AUG04**	*25AUG04*	***122***		0.00	257.38	257.38		0.00
1403-58C	Check and promote models / drawings -Type C	**29JUL04**	*29JUL04**	**25AUG04**	*25AUG04*	***122***		0.00	17,373.15	17,373.15		0.00
1403-61	Update cost / schedule estimates	**15JUL04**	*15JUL04**	**25AUG04**	*25AUG04*	***122***		0.00	15,442.80	15,442.80		0.00
1403-62	Prepare FDR documentation / presentations	**29JUL04**	*29JUL04**	**25AUG04**	*25AUG04*	***122***		0.00	10,295.20	10,295.20		0.00
1403-70	Final Design Review Production Type C			**25AUG04**	*25AUG04**	***122***		0.00	0.00	0.00		0.00
1403-70.05	Update MIT/QA Plans for Type C Winding Fab	**19NOV04**	*19NOV04**	**20DEC04**	*20DEC04*	***122***		0.00	2,817.40	2,817.40		0.00
1403-70.1	Fab Readiness Review - Production Type C			**20DEC04**	*20DEC04**	***122***		0.00	0.00	0.00		0.00
Winding and Assembly Design-Type A												
1403-300	Winding & Insulation Dwgs (8)-Type A	**14JUL04**	*14JUL04**	**24NOV04**	*24NOV04*	***128***		0.00	5,614.98	5,614.98		0.00
1403-301	Leads & crossover Dwgs (10)-Type A	**14JUL04**	*14JUL04**	**24NOV04**	*24NOV04*	***128***		0.00	6,951.90	6,951.90		0.00
1403-302	G-10 Filler Dwgs (24)-Type A	**14JUL04**	*14JUL04**	**24NOV04**	*24NOV04*	***128***		0.00	16,844.96	16,844.96		0.00
1403-303	Clamp Dwgs (5)-Type A	**14JUL04**	*14JUL04**	**24NOV04**	*24NOV04*	***128***		0.00	3,475.94	3,475.94		0.00
1403-304	Chill Plate Dwgs (66)-Type A	**14JUL04**	*14JUL04**	**24NOV04**	*24NOV04*	***128***		0.00	46,256.82	46,256.82		0.00
1403-305	Installation Dwgs (1)-Type A	**14JUL04**	*14JUL04**	**24NOV04**	*24NOV04*	***128***		0.00	802.14	802.14		0.00
1403-306	Cooling Schematic Dwgs (1)-Type A	**14JUL04**	*14JUL04**	**24NOV04**	*24NOV04*	***128***		0.00	802.14	802.14		0.00
1403-307	Electrical Schematic Dwgs (1)-Type A	**14JUL04**	*14JUL04**	**24NOV04**	*24NOV04*	***128***		0.00	802.14	802.14		0.00
1403-308	I&C Dwgs (1) -Type A	**14JUL04**	*14JUL04**	**24NOV04**	*24NOV04*	***128***		0.00	802.14	802.14		0.00
1403-58A	Check and promote models / drawings -Type A	**04NOV04**	*04NOV04**	**24NOV04**	*24NOV04*	***128***		0.00	19,017.45	19,017.45		0.00
1403-71	Final Design Review Production Type A			**24NOV04**	*24NOV04**	***128***		0.00	0.00	0.00		0.00
1403-71.05	Update MIT/QA Plans for Type C Winding Fab	**04MAY05**	*04MAY05**	**01JUN05**	*01JUN05*	***128***		0.00	2,817.40	2,817.40		0.00
1403-71.1	Fab Readiness Review - Production Type A			**01JUN05**	*01JUN05**	***128***		0.00	0.00	0.00		0.00
Winding and Assembly Design-Type B												
1403-400	Winding & Insulation Dwgs (8)-Type B	**27DEC04**	*27DEC04**	**09MAY05**	*09MAY05*	***125***		0.00	5,916.54	5,916.54		0.00
1403-401	Leads & crossover Dwgs (10)-Type B	**27DEC04**	*27DEC04**	**09MAY05**	*09MAY05*	***125***		0.00	7,325.24	7,325.24		0.00
1403-402	G-10 Filler Dwgs (24)-Type B	**27DEC04**	*27DEC04**	**09MAY05**	*09MAY05*	***125***		0.00	17,749.62	17,749.62		0.00
1403-403	Clamp Dwgs (5)-Type B	**27DEC04**	*27DEC04**	**09MAY05**	*09MAY05*	***125***		0.00	3,662.62	3,662.62		0.00
1403-404	Chill Plate Dwgs (66)-TypeB	**27DEC04**	*27DEC04**	**09MAY05**	*09MAY05*	***125***		0.00	48,741.02	48,741.02		0.00
1403-405	Installation Dwgs (1)-Type B	**27DEC04**	*27DEC04**	**09MAY05**	*09MAY05*	***125***		0.00	845.22	845.22		0.00
1403-406	Cooling Schematic Dwgs (1)-Type B	**27DEC04**	*27DEC04**	**09MAY05**	*09MAY05*	***125***		0.00	845.22	845.22		0.00
1403-407	Electrical Schematic Dwgs (1)-Type B	**27DEC04**	*27DEC04**	**09MAY05**	*09MAY05*	***125***		0.00	845.22	845.22		0.00
1403-408	I&C Dwgs (1) -Type B	**27DEC04**	*27DEC04**	**09MAY05**	*09MAY05*	***125***		0.00	845.22	845.22		0.00
1403-58B	Check and promote models / drawings -Type B	**19APR05**	*19APR05**	**09MAY05**	*09MAY05*	***125***		0.00	19,017.45	19,017.45		0.00
1403-72	Final Design Review Production Type B			**09MAY05**	*11MAY05**	***123***		0.00	0.00	0.00		0.00
1403-72.05	Update MIT/QA Plans for Type C Winding Fab	**13OCT05**	*13OCT05**	**09NOV05**	*09NOV05*	***125***		0.00	2,898.20	2,898.20		0.00
1403-72.1	Fab Readiness Review - Production Type B			**09NOV05**	*09NOV05**	***125***		0.00	0.00	0.00		0.00



Run Date **12MAR04 09:00**

current schedule
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Critical Activity

0402

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NCSX
ECP5 Baseline

STATUS THROUGH March 1, 2004

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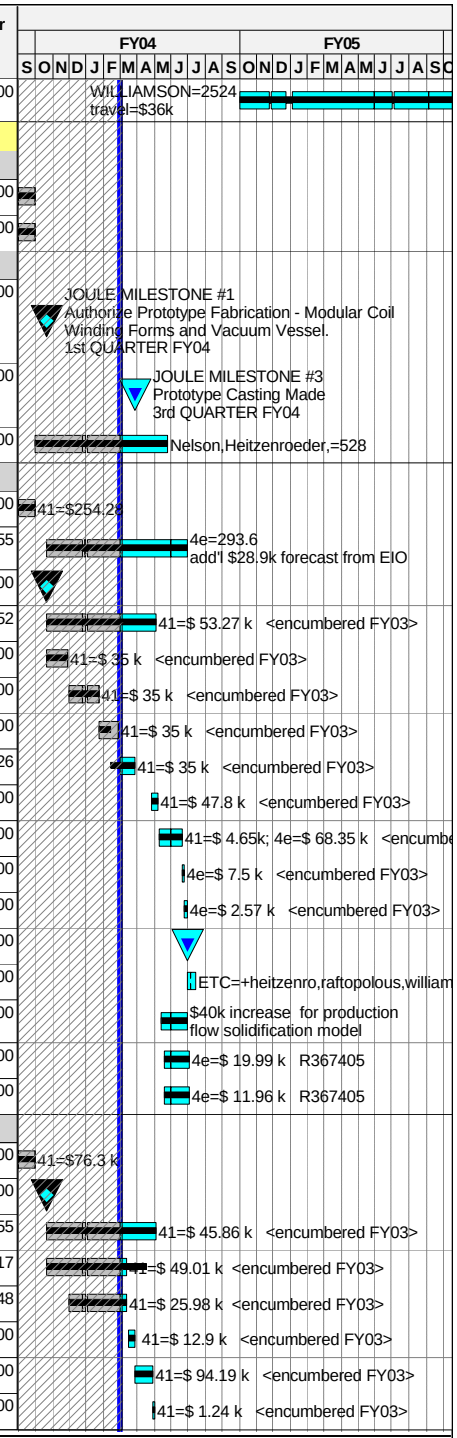
Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
142TITLE3	Titel III Design-Coil Winding & Assembly	**01OCT04***	*01OCT04**	**29SEP06**	*29SEP06*	***761***		0.00	423,168.36	423,168.36		0.00
Job:1404-Mod Coil Winding Form R&D-HEITZENROEDER												
FY03 Actual Cost												
1404-002	Apr-Sept YTD MIE Cost ORNL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	100,220.00	100,220.00	100,220.00		0.00
1404-003	Apr-Sept YTD MIE Cost PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	64,670.00	64,670.00	64,670.00		0.00
Prototype Design Issues												
1404-109.J	JOULE MILESTONE #1-Authorize Prototype Fab			**20OCT03A**	*20OCT03A*			0.00	0.00	0.00		0.00
1404-110.J	JOULE MILESTONE #3-Prototype Casting Made			**26MAR04**	*26MAR04*	***67***		0.00	0.00	0.00		0.00
1404-65	Fabrication oversight by Project	**01OCT03A**	*01OCT03A*	**26MAY04**	*26MAY04*	***1,371***	***LOE***	47,029.13	75,246.60	75,246.60		0.00
EIO Subcontract (S04341F)												
1404-100	EIO-Cost FY03	**01MAY03A**	*01MAY03A*	**30SEP03A**	*30SEP03A*		***100***	307,170.24	307,170.24	307,170.24		0.00
1404-110X	EIO-forecast increase	**21OCT03A**	*21OCT03A*	**28JUN04**	*28JUN04*	***1,344***	***C***	149,736.00	293,600.00	293,600.00	$28,915	-2,068.55
1404-68	Authorization by PPPL			**20OCT03A**	*20OCT03A*			0.00	0.00	0.00		0.00
1404-69	Oversight / reporting (4.1 & 4.2)	**21OCT03A**	*21OCT03A*	**04MAY04**	*04MAY04*	***1,387***		44,723.68	67,865.98	67,865.98		-28.52
1404-70	Process model	**21OCT03A**	*21OCT03A*	**26NOV03A**	*26NOV03A*		***100***	44,590.00	44,590.00	44,590.00		0.00
1404-71	Build pattern	**01DEC03A**	*01DEC03A*	**21JAN04A**	*21JAN04A*		***100***	44,590.00	44,590.00	44,590.00		0.00
1404-72	EIO Make casting	**22JAN04A**	*22JAN04A*	**12FEB04**	*27FEB04A*		***100***	44,590.00	44,590.00	44,590.00		0.00
1404-73	Inspect, repair, heat treat	**13FEB04**	*01MAR04*	**26MAR04**	*26MAR04*	***140***		0.00	44,590.00	44,590.00		-15,822.26
1404-74	Ship, setup for machining	**26APR04**	*26APR04*	**07MAY04**	*07MAY04*	***120***		0.00	60,897.20	60,897.20		0.00
1404-75	Perform machining	**10MAY04***	*10MAY04**	**21JUN04**	*21JUN04*	***120***		0.00	74,274.10	74,274.10		0.00
1404-76	Final inspection	**22JUN04**	*22JUN04*	**23JUN04**	*23JUN04*	***120***		0.00	7,500.00	7,500.00		0.00
1404-77	Ship to PPPL	**24JUN04**	*24JUN04*	**28JUN04**	*28JUN04*	***120***		0.00	2,570.00	2,570.00		0.00
1404-77.1	EIO-Deliver Prototype			**28JUN04**	*28JUN04*	***120***		0.00	0.00	0.00		0.00
1404-77.5	Inspect & write evaluation report		*29JUN04*		*13JUL04*	***155***		0.00	0.00	0.00	$18,003	0.00
1404-78	Flow solid & machine simulation for Production	**13MAY04***	*13MAY04**	**30JUN04**	*30JUN04*	***118***		0.00	40,000.00	40,000.00		0.00
1404-79	Final MIT/QA plan	**20MAY04**	*20MAY04*	**01JUL04**	*01JUL04*	***117***		0.00	19,990.00	19,990.00		0.00
1404-80	Fixed price proposal	**20MAY04**	*20MAY04*	**01JUL04**	*01JUL04*	***117***		0.00	11,960.00	11,960.00		0.00
JP Pattern Subcontract (S04340F)												
1404-200	JPP- cost FY03	**01MAY03A**	*01MAY03A*	**30SEP03A**	*30SEP03A*		***100***	92,170.40	92,170.40	92,170.40		0.00
1404-82	Authorization by PPPL to begin Fabrication			**20OCT03A**	*20OCT03A*			0.00	0.00	0.00		0.00
1404-83	Oversight / reporting	**21OCT03A**	*21OCT03A*	**04MAY04**	*04MAY04*	***1,387***	***LOE***	38,502.50	58,425.64	58,425.64		-24.55
1404-84	Process model	**21OCT03A**	*21OCT03A*	**15APR04**	*12MAR04*	***1,424***		21,229.17	62,438.74	62,438.74		21,229.17
1404-85	Build pattern	**01DEC03A**	*01DEC03A*	**12MAR04**	*12MAR04*	***67***		16,583.02	47,380.06	47,380.06		-24,216.48
1404-86	JPP Make casting	**15MAR04**	*15MAR04*	**26MAR04**	*26MAR04*	***67***		0.00	16,434.60	16,434.60		0.00
1404-87	Inspect, repair, heat treat	**29MAR04**	*29MAR04*	**27APR04**	*27APR04*	***118***		0.00	119,998.06	119,998.06		0.00
1404-88	Ship, setup for machining	**28APR04**	*28APR04*	**30APR04**	*30APR04*	***118***		0.00	1,579.76	1,579.76		0.00



Run Date **12MAR04 09:00**

current schedule
xECP5 Baseline
Progress Bar
Critical Activity

0402

NCSX
ECP5 Baseline

STATUS THROUGH
March 1, 2004

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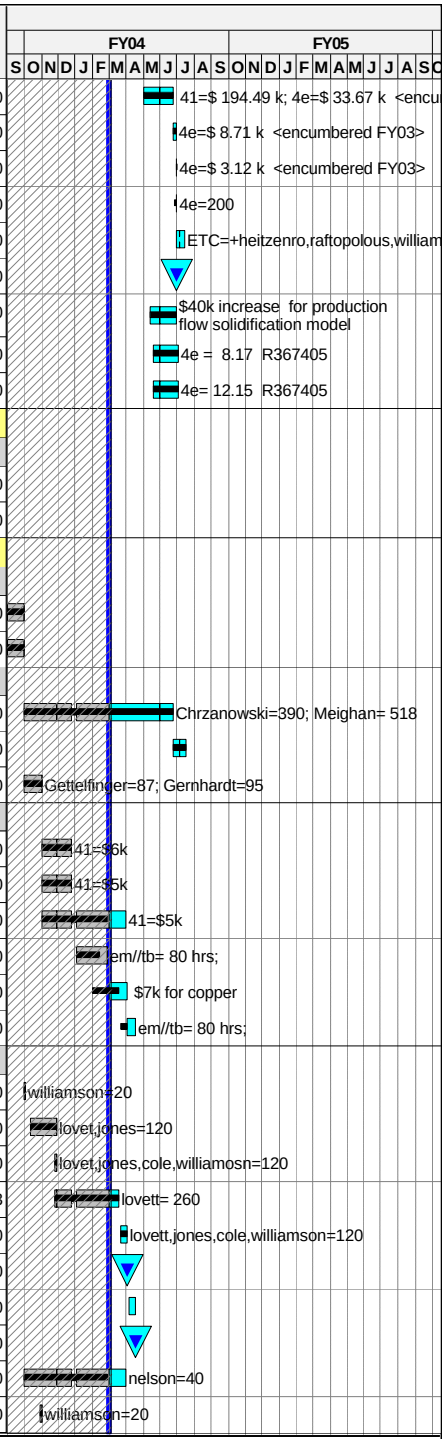
Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
1404-89	Perform machining	**03MAY04**	*03MAY04*	**23JUN04**	*23JUN04*	***118***		0.00	281,450.26	281,450.26		0.00
1404-90	Final inspection	**24JUN04**	*24JUN04*	**28JUN04**	*28JUN04*	***118***		0.00	8,710.00	8,710.00		0.00
1404-91	Ship to PPPL	**29JUN04**	*29JUN04*	**30JUN04**	*30JUN04*	***118***		0.00	3,120.00	3,120.00		0.00
1404-210X	PPPL add'l-forecast increase	**28JUN04**	*29JUN04*	**28JUN04**	*30JUN04*	***118***		0.00	200,000.00	200,000.00		0.00
1404-91.5	Inspect & write evaluation report		*01JUL04*		*15JUL04*	***153***		0.00	0.00	0.00	$18,003	0.00
1404-91.1	JPP-Deliver Prototype			**30JUN04**	*30JUN04*	***118***		0.00	0.00	0.00		0.00
1404-92	Flow solid & machine simulation for Production	**13MAY04***	*13MAY04**	**30JUN04**	*30JUN04*	***118***		0.00	40,000.00	40,000.00		0.00
1404-93	Final MIT/QA plan	**20MAY04**	*20MAY04*	**01JUL04**	*01JUL04*	***117***		0.00	8,170.00	8,170.00		0.00
1404-94	Fixed price proposal	**20MAY04**	*20MAY04*	**01JUL04**	*01JUL04*	***117***		0.00	12,150.00	12,150.00		0.00
Job: 1405-Mod Coil Winding R&D Prep-CHRZANOWSKI												
FY03 Actual Cost												
1405-002	Apr-Sep YTD MIE Cost ORNL	**01APR03A**	*01APR03A*	**30MAY03A**	*30MAY03A*			0.00	0.00	0.00		0.00
1405-003	Apr-Sep YTD MIE Cost PPPL	**01APR03A**	*01APR03A*	**30MAY03A**	*30MAY03A*			168,070.00	168,070.00	168,070.00		0.00
Job: 1406 - Mod. Coil Winding R&D-CHRZANOWSKI												
FY03 Actual Cost												
1406-0002	Apr-Sep YTD MIE Cost ORNL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	0.00	0.00	0.00		0.00
1406-0003	Apr-Sep YTD MIE Cost PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	831,120.00	831,120.00	831,120.00		0.00
Oversight & Supervision												
1406-000	Supervision & Oversight	**01OCT03A**	*01OCT03A*	**22JUN04**	*22JUN04*	***1,312***	***LOE***	64,470.12	117,218.40	117,218.40		0.00
1406-047	Prepare R&D report	**23JUN04**	*23JUN04*	**16JUL04**	*16JUL04*	***1,312***		0.00	0.00	0.00		0.00
1406-048	Testing & Strain Gauge Design	**01OCT03A**	*01OCT03A*	**31OCT03A**	*31OCT03A*		***100***	24,253.50	24,253.50	24,253.50		0.00
Keystone R&D												
1406-001	Purchase 10 spools conductor (twisted racetrack)	**03NOV03A**	*03NOV03A*	**23DEC03A**	*23DEC03A*		***100***	7,644.00	7,644.00	7,644.00		0.00
1406-003	Purchase 8 spools conductor (long twisted windin	**03NOV03A**	*03NOV03A*	**23DEC03A**	*23DEC03A*		***100***	7,644.00	7,644.00	7,644.00		0.00
1406-005	Purchase epoxy & Insulation	**03NOV03A**	*03NOV03A*	**27FEB04**	*31MAR04*	***190***	***50***	4,890.10	6,370.00	6,370.00		-1,479.90
1406-010	Keystone Test for New Conductor	**02JAN04A**	*02JAN04A*	**13FEB04**	*27FEB04A*		***100***	6,144.00	6,144.00	6,144.00		0.00
1406-011	Purchase add'l copper Conductor	**02FEB04**	*01MAR04*	**19MAR04**	*01APR04*	***1,376***		0.00	8,918.00	8,918.00		-5,096.00
1406-012	Repeat Keystone Test for New Conductor	**22MAR04**	*02APR04*	**02APR04**	*15APR04*	***1,376***		0.00	6,144.00	6,144.00		0.00
Twisted Racetrack Design (Williamson)												
1406-097	Verify Conductor Dims	**01OCT03A**	*01OCT03A*	**03OCT03A**	*03OCT03A*		***100***	2,573.80	2,573.80	2,573.80		0.00
1406-098	Complete Drawings of Casting	**13OCT03A**	*13OCT03A*	**26NOV03A**	*26NOV03A*		***100***	15,442.80	15,442.80	15,442.80		0.00
1406-099	Review/Approve Casting Drawings	**26NOV03A**	*26NOV03A*	**26NOV03A**	*26NOV03A*		***100***	15,442.80	15,442.80	15,442.80		0.00
1406-101	Prepare Clamp & Chill Plate detail Drawings	**24NOV03A**	*24NOV03A*	**19MAR04**	*19MAR04*	***118***	***70***	14,413.28	20,590.40	20,590.40		-2,113.23
1406-102	Review/Approve Clamp& Chill Plate Dwgs	**22MAR04**	*22MAR04*	**02APR04**	*02APR04*	***118***		0.00	15,442.80	15,442.80		0.00
1406-103	Twisted Racetrack FDR			**02APR04**	*02APR04*	***118***		0.00	0.00	0.00		0.00
1406-103.0	Prep MIT plan		*05APR04*		*16APR04*	***118***		0.00	0.00	0.00		0.00
1406-103.1	Twisted Racetrack Fab Readiness Review			**16APR04**	*16APR04*	***118***		0.00	0.00	0.00		0.00
1406-104	Prepare Draft of Coil Test Plan	**01OCT03A**	*01OCT03A*	**27FEB04**	*30MAR04*	***131***	***50***	2,573.80	5,147.60	5,147.60		-2,573.80
1406-105	Prepare ANSYS thermal analysis model	**31OCT03A**	*31OCT03A*	**31OCT03A**	*31OCT03A*		***100***	2,573.80	2,573.80	2,573.80		0.00



Run Date **12MAR04 09:00**

current schedule
xECP5 Baseline
Progress Bar
Critical Activity

0402

NCSX
ECP5 Baseline

STATUS THROUGH
March 1, 2004

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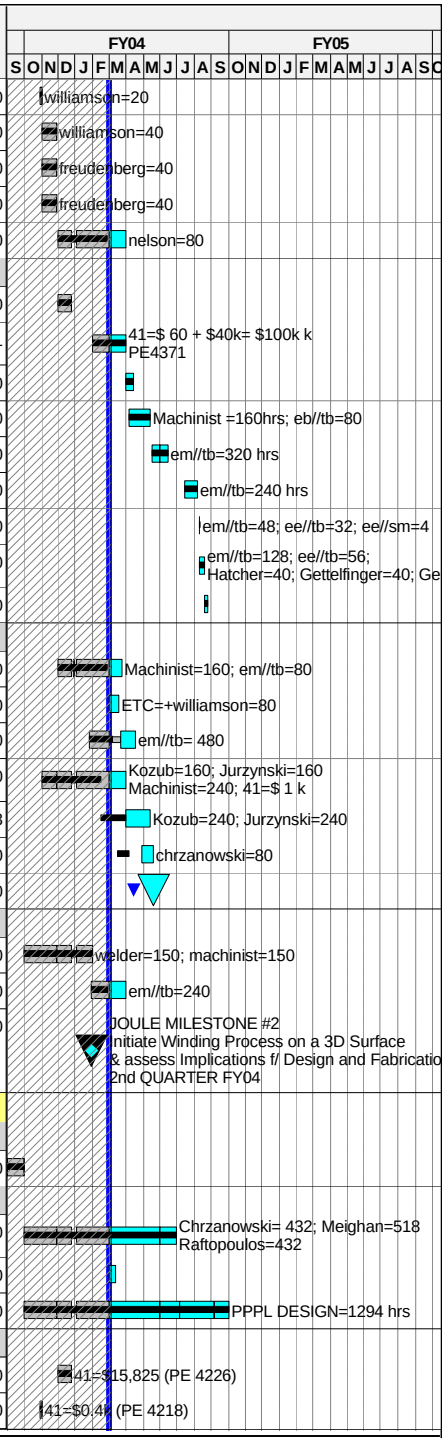
Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
1406-106	Analyze Thermal Behavior due to pulse	**31OCT03A**	*31OCT03A*	**31OCT03A**	*31OCT03A*		***100***	2,573.80	2,573.80	2,573.80		0.00
1406-107	Calculate EM Loads due to max current	**03NOV03A**	*03NOV03A*	**26NOV03A**	*26NOV03A*		***100***	5,147.60	5,147.60	5,147.60		0.00
1406-108	Prep MECHANICA Struct Analysis Model	**03NOV03A**	*03NOV03A*	**26NOV03A**	*26NOV03A*		***100***	5,147.60	5,147.60	5,147.60		0.00
1406-109	Analyze Stress/deflection due to cooldown,pulse	**03NOV03A**	*03NOV03A*	**26NOV03A**	*26NOV03A*		***100***	5,147.60	5,147.60	5,147.60		0.00
1406-110	Finalize, Approve coil test plan	**01DEC03A**	*01DEC03A*	**27FEB04**	*30MAR04*	***209***	***50***	5,147.60	10,295.20	10,295.20		-5,147.60
Twisted Racetrack Fabrication & Winding (Chrzano												
1406-014	Bid, Evaluate and Award Casting to EIO or JPP	**01DEC03A**	*01DEC03A*	**23DEC03A**	*23DEC03A*		***100***	0.00	0.00	0.00		0.00
1406-016	Procure casting from EIO (new scope)	**02FEB04**	*02FEB04A*	**31MAR04**	*31MAR04*	***140***		59,235.08	127,387.26	127,387.26		-14.81
1406-016.1	Inspect & Measure Casting	**01APR04**	*01APR04*	**14APR04**	*14APR04*	***140***		0.00	0.00	0.00		0.00
1406-016.5	PPPL Fabricate chill plates and clamps	**05APR04**	*05APR04*	**14MAY04**	*14MAY04*	***118***		0.00	22,992.00	22,992.00		0.00
1406-017	Wind twisted racetrack	**17MAY04**	*17MAY04*	**14JUN04**	*14JUN04*	***118***		0.00	24,576.00	24,576.00		0.00
1406-018	Mold & VPI twisted racetrack	**14JUL04**	*14JUL04*	**06AUG04**	*06AUG04*	***118***		0.00	18,432.00	18,432.00		0.00
1406-019	Setup coil in test stand	**09AUG04**	*09AUG04*	**10AUG04**	*10AUG04*	***118***		0.00	10,224.80	10,224.80		0.00
1406-021	Perform tests	**11AUG04**	*11AUG04*	**17AUG04**	*17AUG04*	***118***		0.00	30,853.60	30,853.60		0.00
1406-023	Section and Evaluate coil turns	**18AUG04**	*18AUG04*	**24AUG04**	*24AUG04*	***118***		0.00	0.00	0.00		0.00
Conductor Property Testing												
1406-029	Fab New Specimen Molds	**01DEC03A**	*01DEC03A*	**25FEB04**	*24MAR04*	***146***	***70***	16,094.40	22,992.00	22,992.00		-6,897.60
1406-029.1	Design samples		*01MAR04*		*19MAR04*	***130***		0.00	0.00	0.00	$10,295	0.00
1406-030	Fab & Pot samples	**26JAN04A**	*26JAN04A*	**05MAR04**	*15APR04*	***130***	***20***	7,372.80	36,864.00	36,864.00		-23,347.20
1406-031	Prep fixtures and test equipt	**03NOV03A**	*03NOV03A*	**16FEB04**	*30MAR04*	***121***	***50***	34,617.00	69,234.00	69,234.00		-34,617.00
1406-032	Test samples	**17FEB04***	*31MAR04**	**30MAR04**	*12MAY04*	***121***		0.00	64,032.00	64,032.00		-18,589.93
1406-033	Prepare Test report	**17MAR04***	*29APR04**	**06APR04**	*19MAY04*	***121***		0.00	12,856.00	12,856.00		0.00
1406-034	Conductor/Insulation FDR			**13APR04***	*19MAY04**	***121***		0.00	0.00	0.00		0.00
"inchworm" Twisted Winding												
1406-119	Join straight sections w/2 end loops	**01OCT03A**	*01OCT03A*	**30JAN04A**	*30JAN04A*		***100***	31,590.00	31,590.00	31,590.00		0.00
1406-120	Wind Conductor	**30JAN04A**	*30JAN04A*	**25FEB04**	*30MAR04*	***1,388***	***20***	3,686.40	18,432.00	18,432.00		-14,745.60
1406-040	JOULE MILESTONE #2-Begin winding on 3D surface	**30JAN04A**	*30JAN04A*					0.00	0.00	0.00		0.00
Job: 1407 -Mod Coil Winding Facility-CHRZANOWSKI												
FY03 Actual Cost												
1407-001	Apr-Sep YTD MIE Cost PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	267,550.00	267,550.00	267,550.00		0.00
Oversight and Supervision												
1407-002	Winding Facility, Tooling, Materials Oversight	**01OCT03A**	*01OCT03A*	**30JUN04**	*30JUN04*	***1,323***	***LOE***	102,883.59	193,390.20	193,390.20		-49.90
1407-002.1	Prep Winding Facility Ops Plan(reqd for TRT		*01MAR04*		*12MAR04*	***143***	***LOE***	0.00	0.00	0.00		0.00
1407-003	Winding Facility, Tooling, Design	**01OCT03A**	*01OCT03A*	**30SEP04**	*30SEP04*	***1,259***	***LOE***	53,907.00	136,128.80	136,128.80		0.00
Autoclave, Turning Fixture & other components												
1407-005	Domes & cylinder Fab & Deliver (PE4226)	**01DEC03A**	*01DEC03A*	**23DEC03A**	*23DEC03A*		***100***	20,167.42	20,167.42	20,167.42		0.00
1406-006.2	Blower/Elec HW- Fab & Deliver (PE 4218)	**31OCT03A**	*31OCT03A*	**31OCT03A**	*31OCT03A*		***100***	509.60	509.60	509.60		0.00



Run Date **12MAR04 09:00**

current schedule
xECP5 Baseline
Progress Bar
Critical Activity

0402

NCSX
ECP5 Baseline

Sheet 12 of 41

STATUS THROUGH
March 1, 2004

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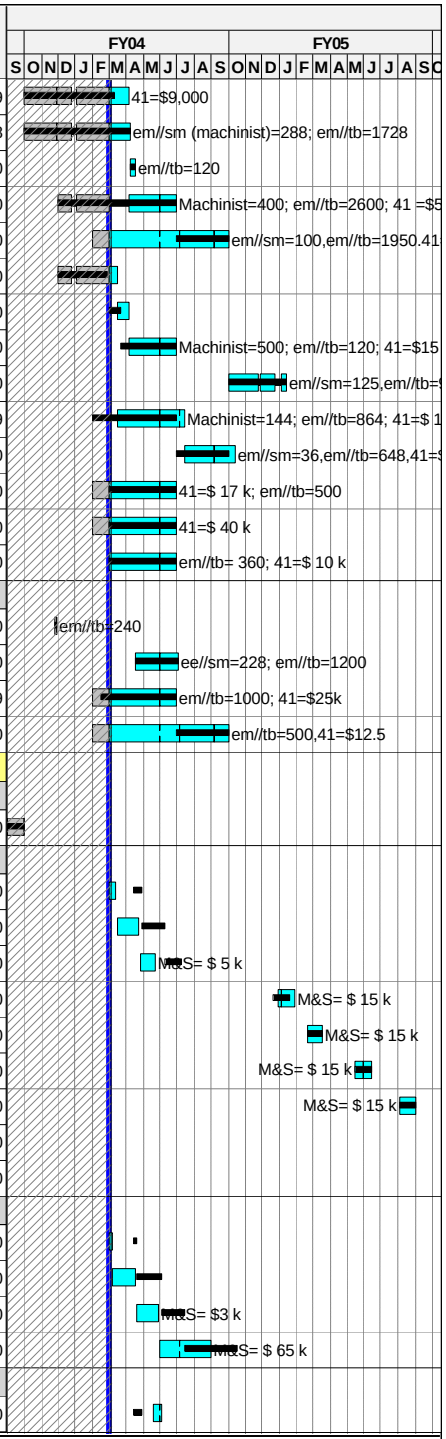
Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
1407-008	Remaining Autoclave components-Deliver	**01OCT03A**	*01OCT03A*	**09MAR04**	*06APR04*	***162***	***95***	10,892.70	11,466.00	11,466.00		183.89
1407-011	Fabricate Autoclave	**01OCT03A**	*01OCT03A*	**08APR04**	*08APR04*	***160***	***75***	122,277.60	163,036.80	163,036.80		-3,821.18
1407-012	Autoclave PTP	**09APR04**	*09APR04*	**15APR04**	*15APR04*	***160***		0.00	9,216.00	9,216.00		0.00
1407-100	Fabricate turning fixtures and coil supports	**01DEC03A**	*01DEC03A*	**30JUN04**	*30JUN04*	***162***	***60***	184,600.00	305,500.00	305,500.00		62,400.00
1407-100.2	Fabr turning fixt&coil supports **2nd line**	**01JUL04**	*02FEB04A*	**30SEP04**	*30SEP04*	***211***	***25***	59,182.50	179,400.00	179,400.00		59,182.50
1407-098	Final Dwgs for winding clamps	**01DEC03A**	*01DEC03A*	**27FEB04**	*15MAR04*	***162***	***50***	0.00	0.00	0.00		0.00
1407-099	Bid,Evaluate & Award Winding Clamps??????	**01MAR04***	*16MAR04**	**22MAR04**	*06APR04*	***162***		0.00	0.00	0.00		0.00
1407-110	Fabricate Winding clamp sets (100)	**23MAR04***	*07APR04**	**30JUN04**	*30JUN04*	***162***		0.00	80,976.00	80,976.00		0.00
1407-110.2	Fabr Winding clamp sets (100)**2nd line**	**01OCT04***	*01OCT04**	**11JAN05**	*11JAN05*	***147***		0.00	40,027.50	40,027.50		0.00
1407-115	Fabricate Conductor payout spool system	**02FEB04***	*15MAR04**	**30JUN04**	*15JUL04*	***152***		0.00	94,258.40	94,258.40		-17,618.39
1407-115.2	Fabr Conduct payout spool syst ** 2nd line**	**01JUL04***	*16JUL04**	**30SEP04**	*14OCT04*	***201***		0.00	66,564.96	66,297.20		0.00
1407-125	Fabricate VPI tanks & equipt/components	**01MAR04***	*02FEB04A*	**30JUN04**	*30JUN04*	***162***	***5***	3,194.90	63,898.00	63,898.00		3,194.90
1407-130	Misc tools & equipt	**01MAR04***	*02FEB04A*	**30JUN04**	*30JUN04*	***162***	***5***	2,548.00	50,960.00	50,960.00		2,548.00
1407-135	Fabricate Coil support structure (2)	**01MAR04***	*01MAR04**	**30JUN04**	*30JUN04*	***162***		0.00	40,388.00	40,388.00		0.00
Area Preparation												
1407-200	Decon TFTR test Cell Crane	**26NOV03A**	*26NOV03A*	**26NOV03A**	*26NOV03A*		***N/R***	18,432.00	18,432.00	18,432.00		0.00
1407-202	Setup facility stations	**16APR04***	*16APR04**	**02JUL04**	*02JUL04*	***160***		0.00	116,647.20	116,647.20		0.00
1407-204	Build cleanrooms (2) locations	**16FEB04***	*02FEB04A*	**29JUN04**	*29JUN04*	***234***	***35***	37,655.00	108,650.00	108,650.00		26,337.29
1407-204.2	Build cleanroom (1 add'l) **2nd line**	**30JUN04**	*02FEB04A*	**30SEP04**	*30SEP04*	***211***	***29***	15,642.50	54,325.00	54,325.00		15,642.50
Job:1408-Mod Coil Winding Supplies-CHRZANOWSKI												
FY03 Actual Cost												
1408-001	Apr-Sep YTD MIE Cost PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	29,790.00	29,790.00	29,790.00		0.00
Epoxy												
1408-111	Epoxy -Spec & Requisition	**14APR04**	*01MAR04*	**27APR04**	*12MAR04*	***194***		0.00	0.00	0.00		0.00
1408-113	Epoxy -Bid & Award	**28APR04**	*15MAR04*	**09JUN04**	*23APR04*	***194***		0.00	0.00	0.00		0.00
1408-115	Epoxy -Delivery for Prototype	**10JUN04**	*26APR04*	**08JUL04**	*21MAY04*	***194***		0.00	6,370.00	6,370.00		0.00
1408-117	Epoxy -1st Delivery for Production	**21DEC04**	*30DEC04*	**19JAN05**	*27JAN05*	***116***		0.00	19,380.00	19,380.00		0.00
1408-119	Epoxy -2nd Delivery for Production	**21FEB05**	*21FEB05*	**18MAR05**	*18MAR05*	***125***		0.00	19,380.00	19,380.00		0.00
1408-121	Epoxy -3rd Delivery for Production	**16MAY05**	*16MAY05*	**13JUN05**	*13JUN05*	***124***		0.00	19,380.00	19,380.00		0.00
1408-123	Epoxy -4th Delivery for Production	**04AUG05**	*04AUG05*	**31AUG05**	*31AUG05*	***124***		0.00	19,380.00	19,380.00		0.00
1408-125	Epoxy -5th Delivery for Production	**25OCT05**	*25OCT05*	**21NOV05**	*21NOV05*	***125***		0.00	19,575.00	19,575.00		0.00
1408-127	Epoxy -6th Delivery for Production	**20JAN06**	*20JAN06*	**16FEB06**	*16FEB06*	***118***		0.00	19,575.00	19,575.00		0.00
Insulation for conductor												
1408-101	Insulation-Spec & Requisition	**14APR04**	*01MAR04*	**20APR04**	*05MAR04*	***174***		0.00	0.00	0.00		0.00
1408-103	Insulation-Bid & Award	**21APR04**	*08MAR04*	**02JUN04**	*16APR04*	***174***		0.00	0.00	0.00		0.00
1408-105	Insulation-Delivery for Prototype	**03JUN04**	*19APR04*	**15JUL04**	*28MAY04*	***174***		0.00	3,822.00	3,822.00		0.00
1408-107	Insulation-Delivery for Production	**16JUL04**	*01JUN04*	**15OCT04**	*31AUG04*	***198***		0.00	82,810.00	83,980.00		0.00
Copper Conductor												
1408-141	Copper Conductor -Spec & Requisition	**14APR04**	*20MAY04*	**27APR04**	*03JUN04*	***121***		0.00	0.00	0.00		0.00



Run Date **12MAR04 09:00**

current schedule
xECP5 Baseline
Progress Bar
Critical Activity

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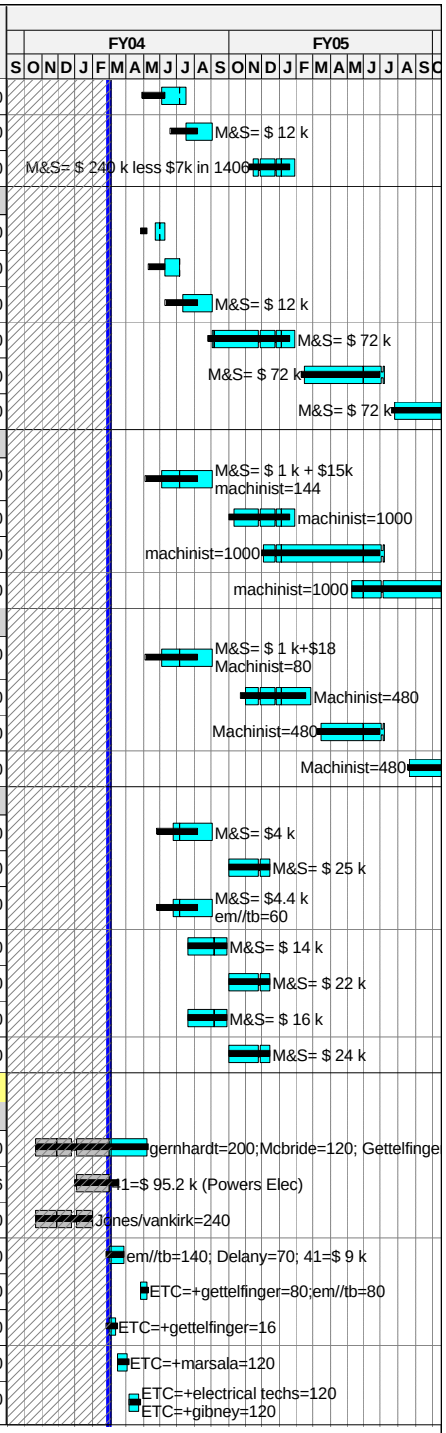
NCSX
ECP5 Baseline

STATUS THROUGH
March 1, 2004

Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
1408-143	Copper Conductor -Bid & Award	**28APR04**	*04JUN04*	**09JUN04**	*16JUL04*	***121***		0.00	0.00	0.00		0.00
1408-145	Copper Conductor -Delivery for Prototype	**17JUN04**	*19JUL04*	**05AUG04**	*03SEP04*	***121***		0.00	15,288.00	15,288.00		0.00
1408-147	Copper Conductor -Delivery for Production	**05NOV04**	*15NOV04*	**19JAN05**	*27JAN05*	***116***		0.00	301,036.00	301,036.00		0.00
Chill Plates and Clamps												
1408-131	Chill plates & clamps -Spec & Requisition	**26APR04**	*24MAY04*	**07MAY04**	*07JUN04*	***124***		0.00	0.00	0.00		0.00
1408-133	Chill plates & clamps -Bid & Award	**10MAY04**	*08JUN04*	**07JUN04**	*06JUL04*	***124***		0.00	0.00	0.00		0.00
1408-135	Chill plates & clamps -Deliver Prototype (type C	**10JUN04**	*12JUL04*	**05AUG04**	*03SEP04*	***121***		0.00	15,288.00	15,288.00		0.00
1408-137	Chill plates & clamps Production Type C	**26AUG04**	*03SEP04*	**19JAN05**	*27JAN05*	***116***		0.00	92,777.76	92,700.00		0.00
1408-138	Chill plates & clamps Production Type A	**09FEB05**	*15FEB05*	**29JUN05**	*06JUL05*	***124***		0.00	93,024.00	93,024.00		0.00
1408-139	Chill plates & clamps Production Type B	**21JUL05**	*25JUL05*	**09DEC05**	*13DEC05*	***123***		0.00	93,492.00	93,473.28		0.00
G-11 Filler												
1408-151	G-11 Filler Fabrication - Prototype (type c)	**05MAY04**	*04JUN04*	**05AUG04**	*03SEP04*	***121***		0.00	35,547.20	35,547.20		0.00
1408-153	G-11 Filler Fabrication - Production Type C	**01OCT04**	*11OCT04*	**19JAN05**	*27JAN05*	***116***		0.00	108,300.00	108,300.00		0.00
1408-154	G-11 Filler Fabrication - Production Type A	**29NOV04**	*03DEC04*	**29JUN05**	*06JUL05*	***124***		0.00	108,300.00	108,300.00		0.00
1408-155	G-11 Filler Fabrication - Production Type B	**10MAY05**	*12MAY05*	**09DEC05**	*13DEC05*	***123***		0.00	108,900.00	108,876.00		0.00
Lead hardware												
1408-161	Lead hardware Fabrication - Prototype (type c)	**05MAY04**	*04JUN04*	**05AUG04**	*03SEP04*	***121***		0.00	32,630.00	32,630.00		0.00
1408-163	Lead hardware Fabrication - Production Type C	**22OCT04**	*01NOV04*	**16FEB05**	*24FEB05*	***116***		0.00	51,984.00	51,984.00		0.00
1408-164	Lead hardware Fabrication - Production Type A	**09MAR05**	*15MAR05*	**29JUN05**	*06JUL05*	***124***		0.00	51,984.00	51,984.00		0.00
1408-165	Lead hardware Fabrication - Production Type B	**18AUG05**	*22AUG05*	**09DEC05**	*13DEC05*	***123***		0.00	52,524.00	52,502.40		0.00
Other												
1408-171	Misc supplies/matl's for Prototype	**26MAY04**	*25JUN04*	**05AUG04**	*03SEP04*	***121***		0.00	5,096.00	5,096.00		0.00
1408-173	Misc supplies/matl's for Production Windings	**01OCT04***	*01OCT04**	**13DEC04**	*13DEC04*	***147***		0.00	32,300.00	32,300.00		0.00
1408-181	VPI Supplies for Prototype(mold epoxy,&	**26MAY04**	*25JUN04*	**05AUG04**	*03SEP04*	***121***		0.00	10,213.60	10,213.60		0.00
1408-183	VPI Supplies -Epoxy & tape for Production 40%	**20JUL04***	*20JUL04**	**28SEP04**	*28SEP04*	***199***		0.00	17,836.00	17,836.00		0.00
1408-184	VPI Supplies -Epoxy & tape for Production 60%	**01OCT04***	*01OCT04**	**13DEC04**	*13DEC04*	***1,233***		0.00	28,424.00	28,424.00		0.00
1408-185	VPI Supplies -Valves & Tubing 40%	**20JUL04***	*20JUL04**	**28SEP04**	*28SEP04*	***199***		0.00	20,384.00	20,384.00		0.00
1408-186	VPI Supplies -Valves & Tubing 60%	**01OCT04***	*01OCT04**	**13DEC04**	*13DEC04*	***1,233***		0.00	31,008.00	31,008.00		0.00
Job: 1409 - Mod. Coil Test Stand-GETTELFINGER												
Test Stand												
1409-029	Oversight/Supervision	**20OCT03A**	*20OCT03A*	**10MAY04**	*07MAY04*	***181***	***LOE***	54,382.34	86,048.00	86,048.00		366.80
1409-026	Install Electrical	**01JAN04A**	*01JAN04A*	**19MAR04**	*01MAR04*	***220***	***95***	115,220.56	121,284.80	121,284.80		26,422.76
1409-025	Design Test Stand	**20OCT03A**	*20OCT03A*	**30JAN04A**	*30JAN04A*		***100***	25,248.00	25,248.00	25,248.00		0.00
1409-027	Cryo Line Installation	**23FEB04***	*01MAR04**	**26MAR04**	*26MAR04*	***201***	***30***	0.00	29,589.00	29,589.00		-5,917.80
1409-028	System Testing	**27APR04**	*26APR04*	**10MAY04**	*07MAY04*	***181***		0.00	0.00	0.00	$19,064	0.00
1409-030	Generate I2T Reqmnts	**23FEB04***	*01MAR04**	**15MAR04**	*12MAR04*	***181***	***40***	0.00	0.00	0.00	$2,584	0.00
1409-032	Desisgn I2T Protection	**16MAR04**	*15MAR04*	**05APR04**	*02APR04*	***181***		0.00	0.00	0.00	$18,084	0.00
1409-034	Fabricate I2T Cards	**06APR04**	*05APR04*	**26APR04**	*23APR04*	***181***		0.00	0.00	0.00	$26,532	0.00



Run Date **12MAR04 09:00**

current schedule
xECP5 Baseline
Progress Bar
Critical Activity

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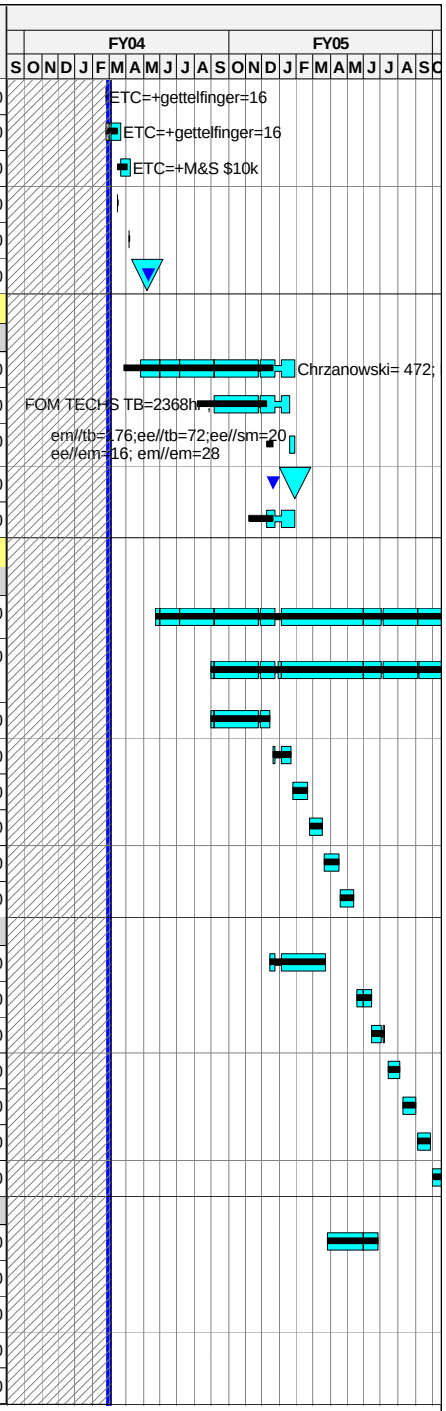
0402

NCSX
ECP5 Baseline

STATUS THROUGH
March 1, 2004

Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
1409-036	Define N2 Election Scheme	**23FEB04***	*23FEB04A*	**24FEB04**	*24FEB04A*		***100***	0.00	0.00	0.00	$2,584	0.00
1409-038	Plan/Procure N2 Ejection Scheme	**25FEB04**	*25FEB04A*	**15MAR04**	*22MAR04*	***191***	***10***	0.00	0.00	0.00	$2,584	0.00
1409-040	Install N2 Ejection Scheme	**16MAR04**	*23MAR04*	**02APR04**	*09APR04*	***191***		0.00	0.00	0.00	$12,740	0.00
1409-042	Peer Review for Facility	**16MAR04**	*15MAR04*	**16MAR04**	*15MAR04*	***209***		0.00	0.00	0.00		0.00
1409-044	Final Design Review	**06APR04**	*05APR04*	**06APR04**	*05APR04*	***195***		0.00	0.00	0.00		0.00
1409-046	Declare Facility Available			**10MAY04**	*07MAY04*	***1,360***		0.00	0.00	0.00		0.00
Job: 1410 Mod Coil Prototype Winding-CHRZANOWSKI												
Prototype Winding												
141-3-44	Oversight and materials/supplies	**29MAR04**	*27APR04*	**20DEC04**	*27JAN05*	***116***		0.00	131,898.64	131,483.38		0.00
141-3-45	Wind & VPI prototype coil (stations 1 thru 5)	**06AUG04***	*07SEP04**	**09DEC04**	*18JAN05*	***116***		0.00	185,994.15	184,736.66		0.00
141-3-46	Test prototype coil (station 6)	**10DEC04**	*19JAN05*	**20DEC04**	*27JAN05*	***116***		0.00	28,850.00	28,850.00		0.00
141-3-45.1	Complete Prototype Winding (SOW 4.9)			**20DEC04***	*27JAN05**	***116***		0.00	0.00	0.00		0.00
141-3-45.2	Final Procedures & Process Plan (SOW 4.10)	**05NOV04**	*08DEC04*	**20DEC04**	*27JAN05*	***116***		0.00	0.00	0.00		0.00
Job: 1411 - Modular Coil Casting Fabrication												
Type 1 Castings												
172-031	Title III engr	**24MAY04***	*24MAY04**	**29SEP06**	*29SEP06*	***761***		0.00	289,943.89	289,943.89		0.00
172-037	MCWF FAB ba=.6/3.22/1.02 BO=.4/2.6/1.84	**30AUG04**	*30AUG04*	**11APR06**	*11APR06*	***117***		0.00	5,274,392.53	5,274,392.53		0.00
C-121	Castings-C-1-1 (1st MCC form delivered)	**30AUG04**	*30AUG04*	**15DEC04**	*15DEC04*	***117***		0.00	0.00	0.00		0.00
C-181	Castings-C-4-1	**20DEC04**	*20DEC04*	**21JAN05**	*21JAN05*	***117***		0.00	0.00	0.00		0.00
C-261	Castings-C-7-2	**26JAN05**	*26JAN05*	**18FEB05**	*18FEB05*	***117***		0.00	0.00	0.00		0.00
C-321	Castings-C-10-2	**23FEB05**	*23FEB05*	**18MAR05**	*18MAR05*	***117***		0.00	0.00	0.00		0.00
C-401	Castings-C-13-3	**23MAR05**	*23MAR05*	**15APR05**	*15APR05*	***117***		0.00	0.00	0.00		0.00
C-461	Castings-C-16-3	**20APR05**	*20APR05*	**13MAY05**	*13MAY05*	***117***		0.00	0.00	0.00		0.00
Type 2 Castings												
C-101	Castings-Production casting tooling prep type MI	**16DEC04**	*16DEC04*	**25MAR05**	*25MAR05*	***154***		0.00	0.00	0.00		0.00
C-141	Castings-A-2-1	**18MAY05**	*18MAY05*	**13JUN05**	*13JUN05*	***117***		0.00	0.00	0.00		0.00
C-201	Castings-A-5-1	**14JUN05**	*14JUN05*	**08JUL05**	*08JUL05*	***117***		0.00	0.00	0.00		0.00
C-281	Castings-A-8-2	**13JUL05**	*13JUL05*	**04AUG05**	*04AUG05*	***117***		0.00	0.00	0.00		0.00
C-341	Castings-A-11-2	**09AUG05**	*09AUG05*	**31AUG05**	*31AUG05*	***117***		0.00	0.00	0.00		0.00
C-421	Castings-A-14-3	**06SEP05**	*06SEP05*	**28SEP05**	*28SEP05*	***117***		0.00	0.00	0.00		0.00
C-481	Castings-A-17-3	**03OCT05**	*03OCT05*	**25OCT05**	*25OCT05*	***117***		0.00	0.00	0.00		0.00
Type 3 Castings												
C-102	Castings-Production casting tooling prep type BU	**28MAR05**	*28MAR05*	**27JUN05**	*27JUN05*	***201***		0.00	0.00	0.00		0.00
C-161B	Castings-B-3-1	**28OCT05**	*28OCT05*	**21NOV05**	*21NOV05*	***117***		0.00	0.00	0.00		0.00
C-221B	Castings-B-6-1	**28NOV05**	*28NOV05*	**20DEC05**	*20DEC05*	***117***		0.00	0.00	0.00		0.00
C-301B	Castings-B-9-2	**23DEC05**	*23DEC05*	**24JAN06**	*24JAN06*	***117***		0.00	0.00	0.00		0.00
C-361B	Castings-B-12-2	**25JAN06**	*25JAN06*	**16FEB06**	*16FEB06*	***117***		0.00	0.00	0.00		0.00



Run Date **12MAR04 09:00**

current schedule
xECP5 Baseline
Progress Bar
Critical Activity

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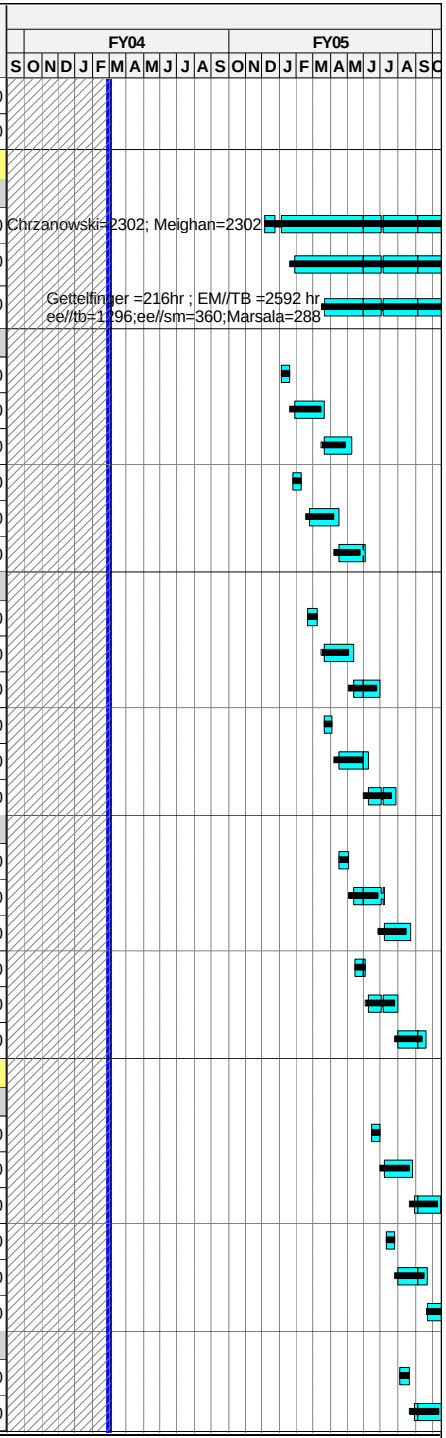
0402

NCSX
ECP5 Baseline

STATUS THROUGH
March 1, 2004

Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
C-441B	Castings-B-15-3	**21FEB06**	*21FEB06*	**15MAR06**	*15MAR06*	***117***		0.00	0.00	0.00		0.00
C-501B	Castings-B-18-3 (last MCC form delivered)	**20MAR06**	*20MAR06*	**11APR06**	*11APR06*	***117***		0.00	0.00	0.00		0.00
Job: 1421 - Type C Winding/VPI												
Labor												
171-040	Winding Oversight (LOE)	**07DEC04***	*07DEC04**	**14SEP06**	*14SEP06*	***772***		0.00	635,298.88	635,298.88		0.00
171-041	Modular Coil Winding (18 coils) (see detail sch)	**20JAN05**	*28JAN05*	**08AUG06**	*09AUG06*	***116***		0.00	3,139,216.54	3,138,723.18		0.00
171-041CT	PBR Increment for cold testing	**15MAR05**	*23MAR05*	**08AUG06**	*09AUG06*	***116***		0.00	430,300.00	430,218.41		0.00
Period 1												
P1-001	Prep casting C-1-1 (station 1)	**04JAN05**	*04JAN05*	**19JAN05**	*19JAN05*	***122***		0.00	0.00	0.00		0.00
P1-011	Wind coil C-1-1 (station 2)	**20JAN05***	*28JAN05**	**14MAR05**	*22MAR05*	***116***		0.00	0.00	0.00		0.00
P1-021	VPI,Test &Ship C-1-1 (1st MCC fabr) (sta 4/5/6)	**15MAR05**	*23MAR05*	**29APR05**	*09MAY05*	***161***		0.00	0.00	0.00		0.00
P1-091	Prep casting C-4-1 (station 1)	**24JAN05**	*24JAN05*	**08FEB05**	*08FEB05*	***127***		0.00	0.00	0.00		0.00
P1-101	Wind coil C-4-1 (station 3)	**16FEB05***	*24FEB05**	**07APR05**	*15APR05*	***116***		0.00	0.00	0.00		0.00
P1-111	VPI, Test & Ship C-4-1 (station 4/5/6)	**08APR05**	*18APR05*	**25MAY05**	*03JUN05*	***158***		0.00	0.00	0.00		0.00
Period 2												
P2-001	Receive casting C7-2	**21FEB05**	*21FEB05*	**08MAR05**	*08MAR05*	***129***		0.00	0.00	0.00		0.00
P2-011	Wind coil BA-7-2 (station 2)	**15MAR05**	*23MAR05*	**04MAY05**	*12MAY05*	***119***		0.00	0.00	0.00		0.00
P2-021	VPI,Test & Ship C-7-2 (station 4/5/6)	**05MAY05**	*13MAY05*	**22JUN05**	*30JUN05*	***154***		0.00	0.00	0.00		0.00
P2-091	Receive casting C-10-2	**21MAR05**	*21MAR05*	**05APR05**	*05APR05*	***124***		0.00	0.00	0.00		0.00
P2-101	Wind coil C-10-2 (station 3)	**08APR05**	*18APR05*	**31MAY05**	*08JUN05*	***116***		0.00	0.00	0.00		0.00
P2-111	VPI,Test & Ship C-10-2 (station 4/5/6)	**01JUN05**	*09JUN05*	**19JUL05**	*27JUL05*	***151***		0.00	0.00	0.00		0.00
Period 3												
P3-001	Receive casting C-13-3	**18APR05**	*18APR05*	**03MAY05**	*03MAY05*	***126***		0.00	0.00	0.00		0.00
P3-011	Wind coil C-13-3 (station 2)	**05MAY05**	*13MAY05*	**27JUN05**	*06JUL05*	***119***		0.00	0.00	0.00		0.00
P3-021	VPI,test & ship C-13-3 (station 4/5/6)	**28JUN05**	*07JUL05*	**15AUG05**	*23AUG05*	***147***		0.00	0.00	0.00		0.00
P3-091	Receive casting C-16-3	**16MAY05**	*16MAY05*	**01JUN05**	*01JUN05*	***121***		0.00	0.00	0.00		0.00
P3-101	Wind coil C-16-3 (station 3)	**02JUN05**	*09JUN05*	**25JUL05**	*01AUG05*	***116***		0.00	0.00	0.00		0.00
P3-111	VPI,test & ship C-16-3 (station 4/5/6)	**26JUL05**	*02AUG05*	**12SEP05**	*19SEP05*	***144***		0.00	0.00	0.00		0.00
Job: 1422 - Type A Winding/VPI												
Period 1												
P1-031	Receive casting A-2-1	**14JUN05**	*14JUN05*	**29JUN05**	*29JUN05*	***123***		0.00	0.00	0.00		0.00
P1-041	Wind coil A-2-1 (station 2)	**30JUN05**	*07JUL05*	**22AUG05**	*26AUG05*	***119***		0.00	0.00	0.00		0.00
P1-051	VPI, Test & Ship A-2-1 (station 4/5/6)	**23AUG05**	*29AUG05*	**10OCT05**	*14OCT05*	***140***		0.00	0.00	0.00		0.00
P1-121	Receive casting A-5-1	**11JUL05**	*11JUL05*	**26JUL05**	*26JUL05*	***120***		0.00	0.00	0.00		0.00
P1-131	Wind coil A-5-1 (station 3)	**27JUL05**	*02AUG05*	**16SEP05**	*22SEP05*	***116***		0.00	0.00	0.00		0.00
P1-141	VPI,Test & Ship A-5-1 (station 4/5/6)	**19SEP05**	*23SEP05*	**03NOV05**	*09NOV05*	***137***		0.00	0.00	0.00		0.00
Period 2												
P2-031	Receive casting A-8-2	**05AUG05**	*05AUG05*	**22AUG05**	*22AUG05*	***123***		0.00	0.00	0.00		0.00
P2-041	Wind coil A-8-2 (station 2)	**23AUG05**	*29AUG05*	**13OCT05**	*19OCT05*	***119***		0.00	0.00	0.00		0.00



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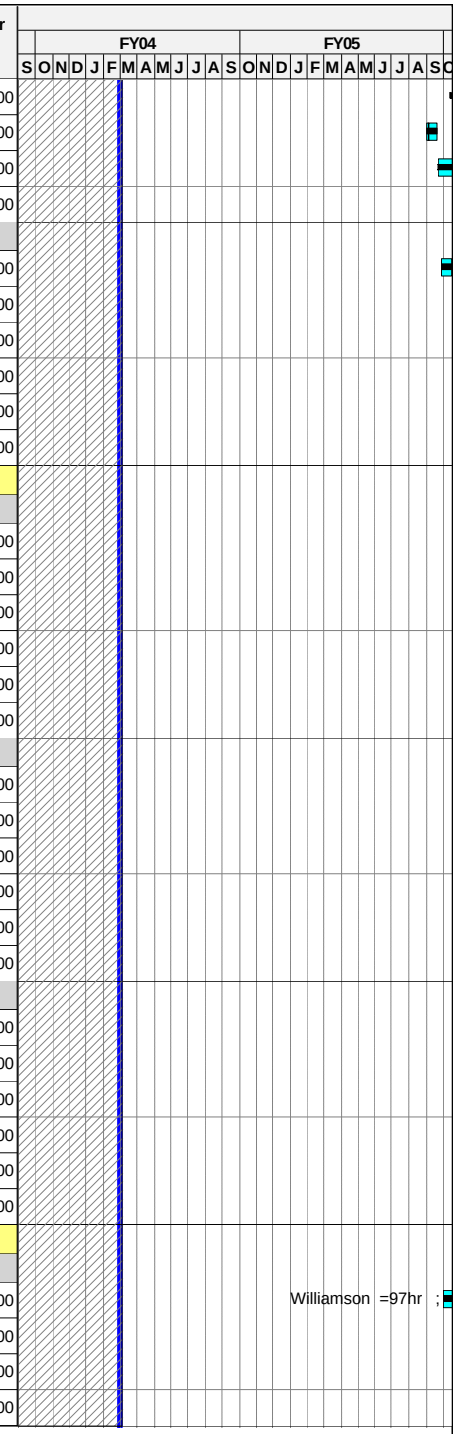
Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
P2-051	VPI,Test & Ship A-8-2 (station 4/5/6)	**14OCT05**	*20OCT05*	**02DEC05**	*08DEC05*	***133***		0.00	0.00	0.00		0.00
P2-121	Receive casting A-11-2	**01SEP05**	*01SEP05*	**19SEP05**	*19SEP05*	***119***		0.00	0.00	0.00		0.00
P2-131	Wind coil A-11-2 (station 3)	**20SEP05**	*23SEP05*	**09NOV05**	*14NOV05*	***116***		0.00	0.00	0.00		0.00
P2-141	VPI, test & Ship A-11-2 (station 4/5/6)	**10NOV05**	*15NOV05*	**06JAN06**	*11JAN06*	***130***		0.00	0.00	0.00		0.00
Period 3												
P3-031	Receive casting A-14-3	**29SEP05**	*29SEP05*	**14OCT05**	*14OCT05*	***122***		0.00	0.00	0.00		0.00
P3-041	Wind coil A-14-3 (station 2)	**17OCT05**	*20OCT05*	**08DEC05**	*13DEC05*	***119***		0.00	0.00	0.00		0.00
P3-051	VPI,Test & ship A-14-3 (station 4/5/6)	**09DEC05**	*14DEC05*	**02FEB06**	*07FEB06*	***126***		0.00	0.00	0.00		0.00
P3-121	Receive casting A-17-3	**26OCT05**	*26OCT05*	**10NOV05**	*10NOV05*	***118***		0.00	0.00	0.00		0.00
P3-131	Wind coil A-17-3 (station 3)	**11NOV05**	*15NOV05*	**12JAN06**	*16JAN06*	***116***		0.00	0.00	0.00		0.00
P3-141	VPI,Test & ship A-17-3 (station 4/5/6)	**13JAN06**	*17JAN06*	**01MAR06**	*03MAR06*	***123***		0.00	0.00	0.00		0.00
Job: 1423 - Type B Winding/VPI												
Period 1												
P1-061	Receive casting B-3-1	**22NOV05**	*22NOV05*	**09DEC05**	*09DEC05*	***121***		0.00	0.00	0.00		0.00
P1-071	Wind coil B-3-1 (station 2)	**12DEC05**	*14DEC05*	**08FEB06**	*10FEB06*	***119***		0.00	0.00	0.00		0.00
P1-081	VPI,Test & Ship B-3-1 (station 4/5/6)	**09FEB06**	*13FEB06*	**28MAR06**	*30MAR06*	***119***		0.00	0.00	0.00		0.00
P1-151	Receive casting B-6-1	**21DEC05**	*21DEC05*	**13JAN06**	*13JAN06*	***117***		0.00	0.00	0.00		0.00
P1-161	Wind coil B-6-1 (station 3)	**16JAN06**	*17JAN06*	**07MAR06**	*08MAR06*	***116***		0.00	0.00	0.00		0.00
P1-171	VPI,Test & Ship B-6-1 (station 4/5/6)	**08MAR06**	*09MAR06*	**24APR06**	*25APR06*	***116***		0.00	0.00	0.00		0.00
Period 2												
P2-061	Receive casting B-9-2	**25JAN06**	*25JAN06*	**09FEB06**	*09FEB06*	***120***		0.00	0.00	0.00		0.00
P2-071	Wind coil B-9-2 (station 2)	**10FEB06**	*13FEB06*	**03APR06**	*04APR06*	***119***		0.00	0.00	0.00		0.00
P2-081	VPI,Test & Ship B-9-2 (station 4/5/6)	**04APR06**	*05APR06*	**19MAY06**	*22MAY06*	***119***		0.00	0.00	0.00		0.00
P2-151	Receive casting B-12-2	**17FEB06**	*17FEB06*	**06MAR06**	*06MAR06*	***118***		0.00	0.00	0.00		0.00
P2-161	Wind coil B-12-2 (station 3)	**08MAR06**	*09MAR06*	**27APR06**	*28APR06*	***116***		0.00	0.00	0.00		0.00
P2-171	VPI,Test & Ship B-12-2 (station 4/5/6)	**28APR06**	*01MAY06*	**15JUN06**	*16JUN06*	***116***		0.00	0.00	0.00		0.00
Period 3												
P3-061	Receive casting B-15-3	**16MAR06**	*16MAR06*	**31MAR06**	*31MAR06*	***121***		0.00	0.00	0.00		0.00
P3-071	Wind coil B-15-3 (station 2)	**04APR06**	*05APR06*	**24MAY06**	*25MAY06*	***119***		0.00	0.00	0.00		0.00
P3-081	VPI,Test & ship B-15-3 (station 4/5/6)	**25MAY06**	*26MAY06*	**13JUL06**	*14JUL06*	***119***		0.00	0.00	0.00		0.00
P3-151	Receive casting B-18-3	**12APR06**	*12APR06*	**27APR06**	*27APR06*	***117***		0.00	0.00	0.00		0.00
P3-161	Wind coil B-18-3 (station 3)	**28APR06**	*01MAY06*	**20JUN06**	*21JUN06*	***116***		0.00	0.00	0.00		0.00
P3-171	Apply Mold, VPI ,Test & ship B-18-3 (last mcc)	**21JUN06**	*22JUN06*	**08AUG06**	*09AUG06*	***116***		0.00	0.00	0.00		0.00
Job: 1431 - Modular Coil Local I&C												
174-001	Title I design WBS 143 Mod coil local I&C	**03OCT05***	*03OCT05**	**11NOV05**	*11NOV05*	***316***		0.00	14,027.29	14,027.29		0.00
174-011	Title II design WBS 143 Mod coil local I&C	**14NOV05**	*14NOV05*	**04JAN06**	*04JAN06*	***316***		0.00	14,027.29	14,027.29		0.00
174-035	Modular Coil local I&C -Procurement	**05JAN06**	*05JAN06*	**29MAR06**	*29MAR06*	***321***		0.00	17,395.65	17,395.65		0.00
174-036	Modular Coil local I&C -Title III	**05JAN06**	*05JAN06*	**26APR06**	*26APR06*	***884***		0.00	5,529.26	5,529.26		0.00



Run Date **12MAR04 09:00**

current schedule
xECP5 Baseline
Progress Bar
Critical Activity

0402

NCSX
ECP5 Baseline

Sheet 17 of 41

STATUS THROUGH
March 1, 2004

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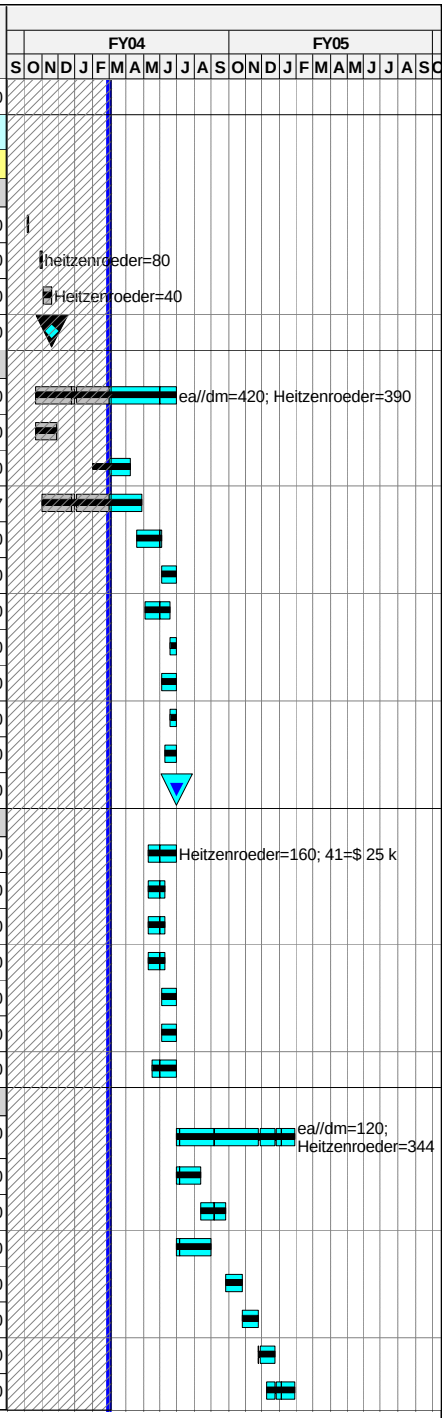
Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
174-037	Modular Coil local I&C -Install	**15JAN07***	*15JAN07**	**09FEB07**	*09FEB07*	***120***		0.00	70,223.20	70,223.20		0.00
15 - Structures												
Job: 1501 - Structures Design- Heitzenroeder												
PDR/PBR Task List												
1501-105	Project PDR	**07OCT03A**	*07OCT03A*	**07OCT03A**	*07OCT03A*		***100***	0.00	0.00	0.00		0.00
1501-109	Prepare FY 04 WP/WAF	**31OCT03A**	*31OCT03A*	**31OCT03A**	*31OCT03A*		***100***	12,856.00	12,856.00	12,856.00		0.00
1501-113	Prepare PBR documentation	**04NOV03A**	*04NOV03A*	**18NOV03A**	*18NOV03A*		***100***	6,428.00	6,428.00	6,428.00		0.00
1501-117	Performance baseline review			**18NOV03A**	*18NOV03A*		***100***	0.00	0.00	0.00		0.00
Reqmnts,Configuration, Interfaces and PDR												
1501-121	Rqmnts,Config,Interfaces, PDR (summary task)	**21OCT03A**	*21OCT03A*	**30JUN04**	*30JUN04*	***194***	***LOE***	0.00	0.00	0.00		0.00
1501-125	Update drawings & models based on vendor	**21OCT03A**	*21OCT03A*	**26NOV03A**	*26NOV03A*		***100***	28,765.30	28,765.30	28,765.30		6,267.30
1501-129	Develop a SRD design to spec	**02FEB04**	*01MAR04*	**08APR04**	*08APR04*	***242***		0.00	6,267.30	6,267.30		0.00
1501-133	Prepare a "scope sheet" which defines all interf	**03NOV03A**	*03NOV03A*	**27APR04**	*27APR04*	***239***	***90***	5,640.57	6,267.30	6,267.30		5,640.57
1501-137	Prepare assembly & interface drawings for ICDs	**21APR04**	*21APR04*	**02JUN04**	*02JUN04*	***194***		0.00	28,765.30	28,765.30		0.00
1501-141	Finalize and approve all ICDs	**03JUN04**	*03JUN04*	**30JUN04**	*30JUN04*	***194***		0.00	6,267.30	6,267.30		0.00
1501-145	Prepare assembly drawings for structure / coils	**05MAY04**	*05MAY04*	**16JUN04**	*16JUN04*	***194***		0.00	28,765.30	28,765.30		0.00
1501-149	Update design basis document; address size and	**17JUN04**	*17JUN04*	**30JUN04**	*30JUN04*	***194***		0.00	6,267.30	6,267.30		0.00
1501-157	Perform RAM & ES&H analyses document in	**04JUN04**	*04JUN04*	**30JUN04**	*30JUN04*	***194***		0.00	6,267.30	6,267.30		0.00
1501-161	Update cost and schedule	**17JUN04**	*17JUN04*	**30JUN04**	*30JUN04*	***194***		0.00	6,267.30	6,267.30		0.00
1501-162	PDR Preparation	**10JUN04**	*10JUN04*	**30JUN04**	*30JUN04*	***194***		0.00	6,267.30	6,267.30		0.00
1501-165	Perform PDR (jointly with conventional coils)			**30JUN04***	*30JUN04**	***194***		0.00	0.00	0.00		0.00
Preliminary Design Analyses												
1501-169	Design Analyses (summary task)	**11MAY04**	*11MAY04*	**30JUN04**	*30JUN04*	***194***		0.00	0.00	0.00		0.00
1501-173	Update ANSYS model of coils & structure	**11MAY04**	*11MAY04*	**09JUN04**	*09JUN04*	***194***		0.00	10,548.20	10,548.20		0.00
1501-177	Perform structural stress analyses	**11MAY04**	*11MAY04*	**09JUN04**	*09JUN04*	***194***		0.00	10,548.20	10,548.20		0.00
1501-181	Perform structural deflection analyses	**11MAY04**	*11MAY04*	**09JUN04**	*09JUN04*	***194***		0.00	10,548.20	10,548.20		0.00
1501-185	Check EM loads for reference scenarios	**02JUN04**	*02JUN04*	**30JUN04**	*30JUN04*	***194***		0.00	10,548.20	10,548.20		0.00
1501-189	Perform EM combined loads & fault conditions	**02JUN04**	*02JUN04*	**30JUN04**	*30JUN04*	***194***		0.00	10,869.60	10,869.60		0.00
1501-221	Prepare Failure Modes Assessment (FMECA)	**18MAY04**	*18MAY04*	**30JUN04**	*30JUN04*	***194***		0.00	4,499.60	4,499.60		0.00
Structures Final Design												
1501-205	Structures FDR (summary task)	**01JUL04**	*01JUL04*	**26JAN05**	*26JAN05*	***194***		0.00	0.00	0.00		0.00
1501-197	Update analyses based on PDR	**01JUL04**	*01JUL04*	**12AUG04**	*12AUG04*	***194***		0.00	6,106.60	6,106.60		0.00
1501-201	Independent check of EM/ ANSYS analyses	**13AUG04**	*13AUG04*	**24SEP04**	*24SEP04*	***194***		0.00	6,106.60	6,106.60		0.00
1501-209	Prepare final drawings	**01JUL04***	*01JUL04**	**30AUG04**	*30AUG04*	***212***		0.00	18,962.60	18,962.60		0.00
1501-213	Check & promote models / drawings	**27SEP04**	*27SEP04*	**26OCT04**	*26OCT04*	***194***		0.00	12,821.78	12,821.78		0.00
1501-217	Update build to spec / sow	**27OCT04**	*27OCT04*	**23NOV04**	*23NOV04*	***194***		0.00	6,277.60	6,277.60		0.00
1501-225	Update design basis document	**24NOV04**	*24NOV04*	**23DEC04**	*23DEC04*	***194***		0.00	6,277.60	6,277.60		0.00
1501-229	Update cost & schedule estimates	**10DEC04**	*10DEC04*	**26JAN05**	*26JAN05*	***194***		0.00	6,277.60	6,277.60		0.00



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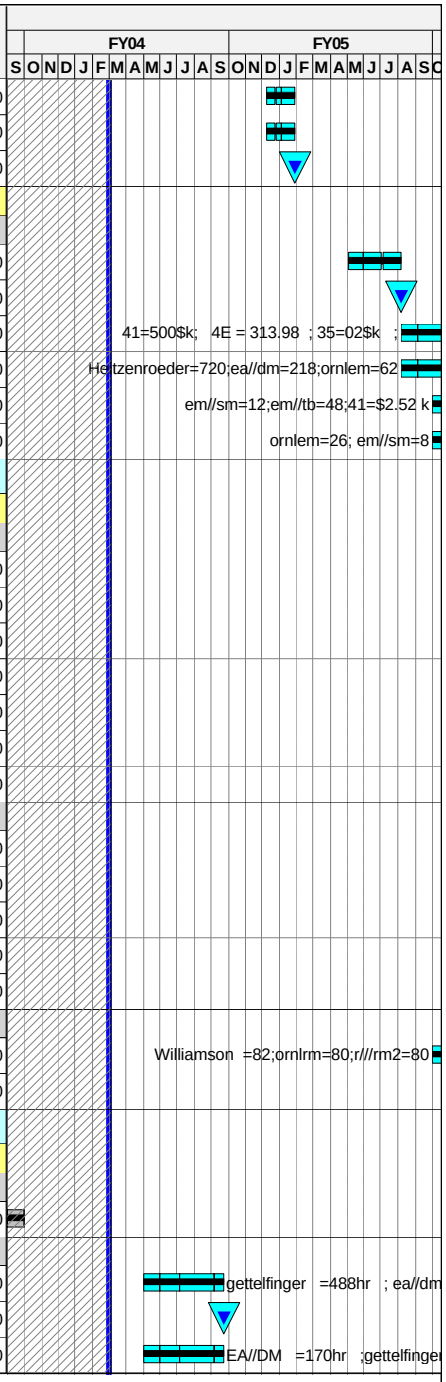
Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
1501-233	Prepare FDR documentation / presentations	**10DEC04**	*10DEC04*	**26JAN05**	*26JAN05*	***194***		0.00	6,442.80	6,442.80		0.00
1501-237	Prepare ECP for FDR	**10DEC04**	*10DEC04*	**26JAN05**	*26JAN05*	***194***		0.00	6,442.80	6,442.80		0.00
1501-241	Hold FDR			**26JAN05**	*26JAN05*	***194***		0.00	0.00	0.00		0.00
Job: 1520-Structures Procure,Fab,Title III												
1501-245	Prep Spec,Solicit Bids, and Evaluate Bids	**05MAY05**	*05MAY05*	**05AUG05**	*05AUG05*	***124***		0.00	0.00	0.00		0.00
162-036.9	Award Coil Support Assy			**05AUG05***	*05AUG05**	***119***		0.00	0.00	0.00		0.00
162-037	WBS 151Coil Support Assy Procurement [A/1]	**08AUG05**	*08AUG05*	**04AUG06**	*04AUG06*	***119***		0.00	987,052.92	987,052.92		0.00
162-031	Title III engr WBS 151	**08AUG05**	*08AUG05*	**04AUG06**	*04AUG06*	***800***		0.00	153,504.56	153,504.56		0.00
153.037	WBS 153 Support Structure I&C	**03OCT05***	*03OCT05**	**29SEP06**	*29SEP06*	***232***		0.00	8,464.20	8,464.20		0.00
153.015	Title III design WBS 153 locall&C	**03OCT05***	*03OCT05**	**29SEP06**	*29SEP06*	***761***		0.00	4,648.46	4,648.46		0.00
16 - Coil Services												
161 - LN2 Distribution												
191-001	Title I design WBS 161 LN2 manifolds&piping	**01DEC05***	*01DEC05**	**09MAR06**	*09MAR06*	***127***		0.00	49,812.41	49,812.41		0.00
191-011	Title II design WBS 161 LN2 manifolds&piping	**10MAR06**	*10MAR06*	**02JUN06**	*02JUN06*	***127***		0.00	99,769.73	99,769.73		0.00
191-031	Title III engr WBS 161	**05JUN06***	*05JUN06**	**17JUL07**	*17JUL07*	***564***		0.00	14,468.81	14,468.81		0.00
191-037	Procurement WBS 161	**05JUN06***	*05JUN06**	**07DEC06**	*07DEC06*	***127***		0.00	69,999.49	69,999.49		0.00
191-038	PDR#17	**08DEC06***	*08DEC06**	**18JUN07**	*18JUN07*	***584***		0.00	59,974.72	59,974.72		0.00
191-041	LN2 Manifolds & ppg Fab/assy WBS 161	**08DEC06***	*08DEC06**	**16MAR07**	*16MAR07*	***127***		0.00	32,986.60	32,986.60		0.00
191-042	PDR #17,25,3	**08DEC06***	*08DEC06**	**16MAR07**	*16MAR07*	***649***		0.00	10,512.80	10,512.80		0.00
162 - Electrical Leads												
132-000	PDR #17 & 25	**30NOV05***	*30NOV05**	**22MAR07**	*22MAR07*	***645***		0.00	40,162.88	40,162.88		0.00
132-001	Title I design WBS 162 Coil leads	**01DEC05***	*01DEC05**	**09JUN06**	*09JUN06*	***127***		0.00	129,613.39	129,613.39		0.00
132-011	Title II design WBS 162 Coil leads	**12JUN06**	*12JUN06*	**14DEC06**	*14DEC06*	***127***		0.00	133,039.37	133,039.37		0.00
132-015	Title III design WBS 162 Coil leads	**15DEC06***	*15DEC06**	**16MAR07**	*16MAR07*	***649***		0.00	16,105.48	16,105.48		0.00
132-037	Coil Leads Procurement WBS 162	**15DEC06***	*15DEC06**	**16MAR07**	*16MAR07*	***127***		0.00	302,334.24	302,334.24		0.00
163 - Coil Protection System												
163.001	Title I design WBS 163 Coil protection	**03OCT05***	*03OCT05**	**11JAN06**	*11JAN06*	***905***		0.00	39,029.02	39,029.02		0.00
163.011	Title II design WBS 163 Coil protection	**12JAN06**	*12JAN06*	**08MAR06**	*08MAR06*	***905***		0.00	39,029.02	39,029.02		0.00
17 - Cryostat and Base Support Structure												
Job:1701-Cryost&Base Sprt Strct Dsn-GETTLEFINGER												
FY03 Actual Cost												
1701-001	Apr-Sept MIE Costs PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	12,180.00	12,180.00	12,180.00		0.00
151-001	Title I design WBS 171 cryostat shell & struct	**03MAY04***	*03MAY04**	**22SEP04**	*22SEP04*	***171***		0.00	110,056.40	110,056.40		0.00
151-002	Cryostat & Base Support Struct PDR			**22SEP04**	*22SEP04*	***171***		0.00	0.00	0.00		0.00
161-001	Title I design WBS 172 base support struct	**03MAY04***	*03MAY04**	**22SEP04**	*22SEP04*	***171***		0.00	50,507.00	50,507.00		0.00



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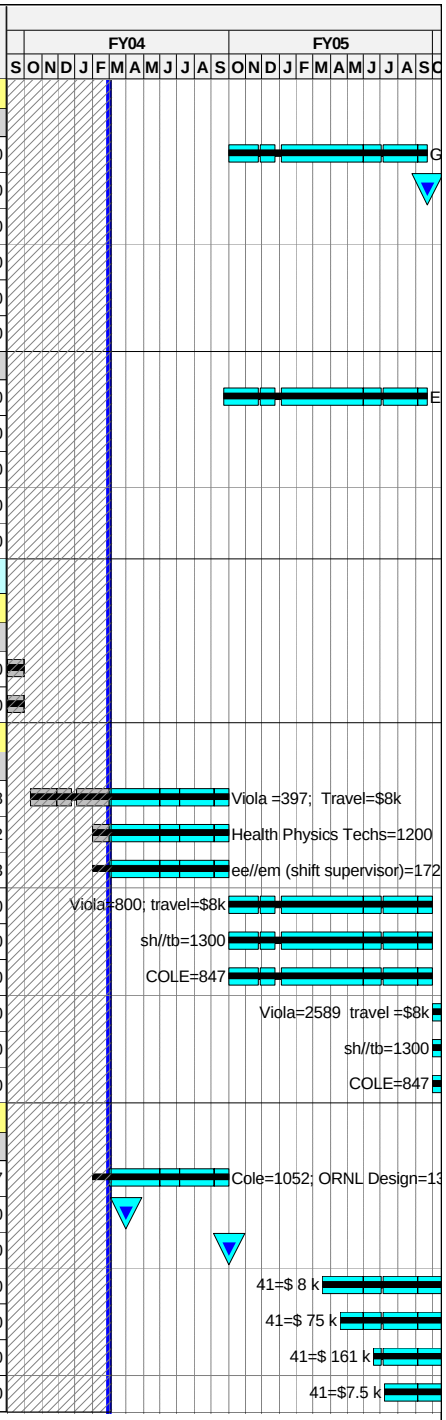
Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
171 - Cryostat												
151-011	Title II design WBS 171 cryostat shell & struct	**01OCT04***	*01OCT04**	**22SEP05**	*22SEP05*	***171***		0.00	226,216.90	226,216.90		0.00
151-012	WBS 17 FDR			**22SEP05**	*22SEP05*	***171***		0.00	0.00	0.00		0.00
151-031	Title III engr	**15DEC05**	*15DEC05*	**28MAR07**	*28MAR07*	***641***		0.00	30,815.05	30,815.05		0.00
151-036.8	Prep Spec, Solicit bids, and Select Vendor	**15DEC05***	*15DEC05**	**23MAR06**	*23MAR06*	***124***		0.00	0.00	0.00		0.00
151-036.9	Award Cryostat Procurement			**23MAR06**	*23MAR06*	***124***		0.00	0.00	0.00		0.00
151-037	Cryostat Procurement [A/1]	**24MAR06**	*24MAR06*	**22MAR07**	*22MAR07*	***124***		0.00	479,215.43	479,215.43		0.00
172 - Base Support Structure												
161-011	Title II design WBS 172 base support struct	**23SEP04**	*23SEP04*	**22SEP05**	*22SEP05*	***171***		0.00	54,706.46	54,706.46		0.00
161-031	Title III engr WBS 172	**01DEC05**	*01DEC05*	**10JUL06**	*10JUL06*	***819***		0.00	46,651.32	46,651.32		0.00
161-036.8	Prep Spec, Solicit bids, and Select Vendor	**01DEC05***	*01DEC05**	**09MAR06**	*09MAR06*	***124***		0.00	0.00	0.00		0.00
161-036.9	Award Machine Base&supports Procurement			**09MAR06**	*09MAR06*	***124***		0.00	0.00	0.00		0.00
161-037	Machine Base&supports Procurement [A/1]	**10MAR06**	*10MAR06*	**17JUL06**	*17JUL06*	***124***		0.00	286,302.65	286,302.65		0.00
18 - Field Period Assembly												
Job: 1801-Field Period Assly -CHRZANOWSKI (ORNL)												
FY03 Actual Cost												
1801-001	Apr-Sept MIE Costs PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	7,750.00	7,750.00	7,750.00		0.00
1801-002	Apr-Sept MIE Costs ORNL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	53,050.00	53,050.00	53,050.00		0.00
Job: 1802 - FP Assy Oversight&Support-VIOLA												
Oversight and Supervision												
181.100	PPPL EM LOE FY04	**13OCT03A**	*13OCT03A*	**30SEP04**	*30SEP04*	***1,259***	***LOE***	29,308.26	77,947.50	77,947.50		-2.58
181.200	HP Coverage in the TFTR TC LOE FY04	**02FEB04***	*02FEB04A*	**30SEP04**	*30SEP04*	***1,259***	***LOE***	13,492.44	115,320.00	115,320.00		4.72
181.201	D-Site Shift Supervisor LOE FY04	**02FEB04***	*01MAR04**	**30SEP04**	*30SEP04*	***1,259***		0.00	25,920.40	25,920.40		-3,031.63
181.110	PPPL EM LOE FY05	**01OCT04***	*01OCT04**	**30SEP05**	*30SEP05*	***1,010***		0.00	146,784.00	146,784.00		0.00
181.210	HP Coverage in the TFTR TC LOE FY05	**01OCT04***	*01OCT04**	**30SEP05**	*30SEP05*	***1,010***		0.00	128,440.00	128,440.00		0.00
181.310	ORNL EM LOE FY05	**01OCT04***	*01OCT04**	**30SEP05**	*30SEP05*	***1,010***		0.00	119,316.89	119,316.89		0.00
181.120	PPPL EM LOE FY06	**03OCT05***	*03OCT05**	**02OCT06**	*02OCT06*	***760***		0.00	451,299.93	451,299.93		0.00
181.220	HP Coverage in the TFTR TC LOE FY06	**03OCT05***	*03OCT05**	**02OCT06**	*02OCT06*	***760***		0.00	130,690.04	130,690.04		0.00
181.320	ORNL EM LOE FY06	**03OCT05***	*03OCT05**	**02OCT06**	*02OCT06*	***760***		0.00	122,771.80	122,771.80		0.00
Job: 1803- FP Assy Tooling/Constructability-COLE												
Tooling Design & Fabrication												
713A.010	Design Tooling	**02FEB04**	*01MAR04*	**30SEP04**	*30SEP04*	***268***	***LOE***	0.00	324,951.05	324,951.05		-38,005.97
713A.010A	Requirements & Constructability Peer Review			**30MAR04***	*30MAR04**	***1,388***		0.00	0.00	0.00		0.00
713.010B	Tooling & Constructability FDR			**30SEP04**	*30SEP04*	***268***		0.00	0.00	0.00		0.00
713A.032	Fabricate-TF Coil sub-assy frame/manipulator	**18MAR05***	*18MAR05**	**22DEC05**	*22DEC05*	***210***		0.00	10,366.40	10,366.40		0.00
713A.030	Fabricate-VV supporting fixture (3)	**20APR05***	*20APR05**	**01FEB06**	*01FEB06*	***134***		0.00	97,300.00	97,300.00		0.00
713A.031	Fabricate-Modular Coil sub-assy frame/manip/fixt	**17JUN05***	*17JUN05**	**30MAR06**	*30MAR06*	***121***		0.00	209,310.73	209,310.73		0.00
713A.033	Fabricate-Full FP support fixture (3)	**07JUL05***	*07JUL05**	**18APR06**	*18APR06*	***123***		0.00	9,757.00	9,757.00		0.00



Run Date 12MAR04 09:00

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current schedule
xECP5 Baseline
Progress Bar
Critical Activity

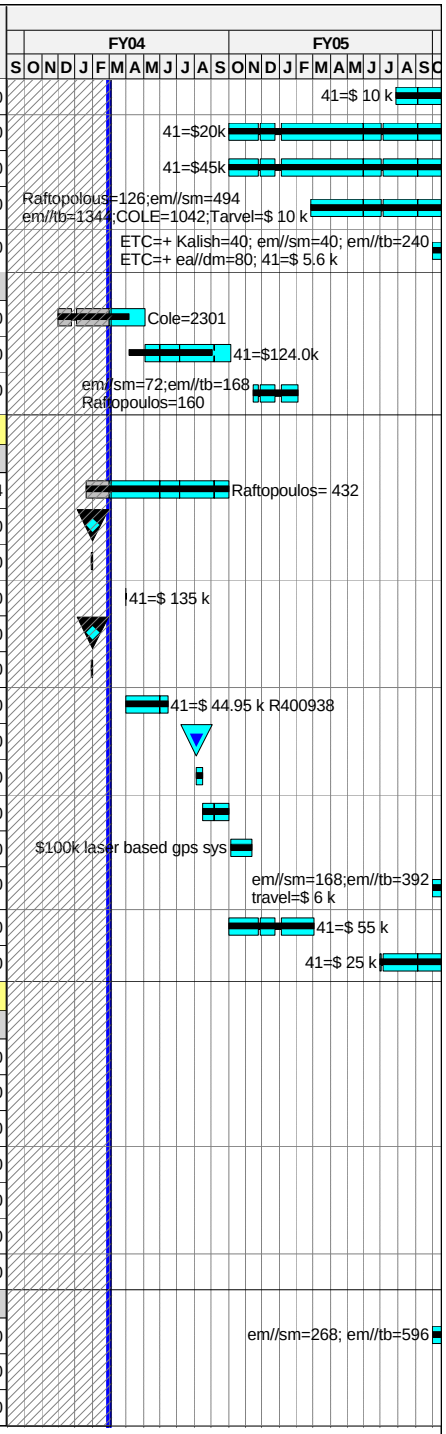
0402

NCSX
ECP5 Baseline

Sheet 20 of 41

STATUS THROUGH
March 1, 2004

Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
713A.034	Fabricate-VV port welding fixtures	**29JUL05***	*29JUL05**	**10MAY06**	*10MAY06*	***175***		0.00	13,020.00	13,020.00		0.00
713A.040	General procurements	**01OCT04***	*01OCT04**	**29SEP06**	*29SEP06*	***761***		0.00	25,970.00	25,970.00		0.00
713A.050	Welding tools, materials & equipt	**01OCT04***	*01OCT04**	**29SEP06**	*29SEP06*	***761***		0.00	58,432.50	58,432.50		0.00
713A.020	Lab Fab/Assy/Installation	**25FEB05***	*25FEB05**	**02OCT06**	*02OCT06*	***760***		0.00	349,167.95	349,167.95		0.00
713A.060	Instl He gas piping from NSTX to D-site tc	**03OCT05***	*03OCT05**	**08FEB06**	*08FEB06*	***925***		0.00	0.00	0.00	$46,504	0.00
Tooling R&D												
713A.011	Tooling R&D-Design VV/MCWF Mockups inc	**01DEC03A**	*01DEC03A*	**05APR04**	*05MAY04*	***1,207***	***10***	3,873.57	38,735.69	38,735.69		-22,872.50
713A.012	Tooling R&D-Procure VV & MCWF Mockups	**06APR04**	*06MAY04*	**01SEP04**	*04OCT04*	***1,207***		0.00	158,401.14	157,976.00		0.00
713A.013	Tooling R&D-Inspection & assy trails	**15NOV04**	*15NOV04*	**03FEB05**	*03FEB05*	***1,178***		0.00	47,501.60	47,501.60		0.00
Job: 1804-FP Assy Measurement Sys-RAFTOPOULOS												
Metrology												
740.010	Final Design Measurement systems	**19JAN04A**	*19JAN04A*	**30SEP04**	*30SEP04*	***1,259***		11,524.12	69,422.40	69,422.40		17.64
740.011	3-D Scanner/Faro Arm FDR			**30JAN04A**	*30JAN04A*			0.00	0.00	0.00		0.00
740.015	Prepare Requisition 3-D scanner & Romer Arm	**30JAN04A**	*30JAN04A*	**30JAN04A**	*30JAN04A*			0.00	0.00	0.00		0.00
740.030	Deliver 3-D Scanner & Romer Arm	**30MAR04***	*30MAR04**	**30MAR04**	*30MAR04*	***227***		0.00	171,990.00	171,990.00		0.00
740.031	Metrology Software Review			**30JAN04A**	*30JAN04A*			0.00	0.00	0.00		0.00
740.032	Prepare Met Software Requisition	**30JAN04A**	*30JAN04A*	**30JAN04A**	*30JAN04A*			0.00	0.00	0.00		0.00
740.035	Deliver Metrology Software	**31MAR04***	*31MAR04**	**14JUN04**	*14JUN04*	***1,335***		0.00	57,266.30	57,266.30		0.00
740.041	Laser based GPS Sys Review			**02AUG04***	*02AUG04**	***1,178***		0.00	0.00	0.00		0.00
740.042	Prepare GPS Sys Requisition	**03AUG04**	*03AUG04*	**16AUG04**	*16AUG04*	***1,178***		0.00	0.00	0.00		0.00
740.043	Bid,Evaluate & Award GPS sys	**17AUG04**	*17AUG04*	**01OCT04**	*01OCT04*	***1,178***		0.00	0.00	0.00		0.00
740.044	Deliver GPS sys	**04OCT04**	*04OCT04*	**12NOV04**	*12NOV04*	***1,178***		0.00	129,200.00	129,200.00		0.00
740.020	Faculity Prep	**03OCT05***	*03OCT05**	**22FEB06**	*22FEB06*	***162***		0.00	60,384.40	60,384.40		0.00
740.045	Purchase- second Faro Arm (was under WBS 14)	**01OCT04***	*01OCT04**	**04MAR05**	*04MAR05*	***1,157***		0.00	71,060.00	71,060.00		0.00
740.050	Purchase- targets [A/9]	**01JUL05***	*01JUL05**	**12JAN06**	*12JAN06*	***944***		0.00	32,300.00	32,300.00		0.00
1808 - TF/Mod Coil Sub-Assembly												
Modular Coil Sub-assembly												
184-200	Mount/align right mod coil in fixture-Period #1	**31MAR06**	*31MAR06*	**20APR06**	*20APR06*	***121***		0.00	47,404.80	47,404.80		0.00
184-205	Mount/align left mod coil in fixture-Period #1	**25APR06**	*26APR06*	**10MAY06**	*11MAY06*	***116***		0.00	38,980.80	38,980.80		0.00
184-210	Mount/align right mod coil in fixture-Period #2	**22MAY06**	*23MAY06*	**07JUN06**	*08JUN06*	***124***		0.00	38,980.80	38,980.80		0.00
184-215	Mount/align left mod coil in fixture-Period #2	**16JUN06**	*19JUN06*	**03JUL06**	*05JUL06*	***116***		0.00	38,980.80	38,980.80		0.00
184-220	Mount/align right mod coil in fixture-Period #3	**14JUL06**	*17JUL06*	**31JUL06**	*01AUG06*	***124***		0.00	38,980.80	38,980.80		0.00
184-225	Mount/align left mod coil in fixture-Period #3	**09AUG06**	*10AUG06*	**24AUG06**	*25AUG06*	***116***		0.00	38,980.80	38,980.80		0.00
P1-000	PDR # 19 MCWF fitup	**21APR06**	*21APR06*	**01SEP06**	*01SEP06*	***780***		0.00	16,428.30	16,428.30		0.00
TF Coil Sub-assembly												
722.010	Receive/Inspect TF & PF Coils	**03OCT05***	*03OCT05**	**29SEP06**	*29SEP06*	***761***		0.00	77,365.60	77,365.60		0.00
184-100	Assemble 3 TF coils&structure -Right -Period #1	**17FEB06**	*17FEB06*	**02MAR06**	*02MAR06*	***176***		0.00	34,504.00	34,504.00		0.00
184-105	Assemble 3 TF coils&structure -Left -Period #1	**03MAR06**	*03MAR06*	**16MAR06**	*16MAR06*	***176***		0.00	34,504.00	34,504.00		0.00



Run Date **12MAR04 09:00**

current schedule
xECP5 Baseline
Progress Bar
Critical Activity

0402

NCSX
ECP5 Baseline

STATUS THROUGH March 1, 2004

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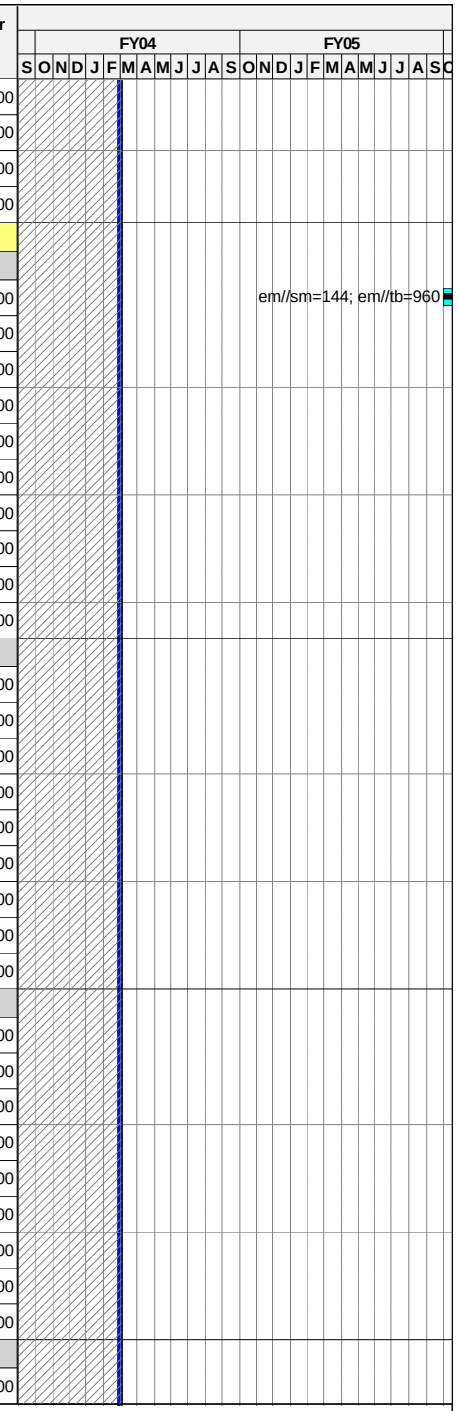
Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
184-110	Assemble 3 TF coils&structure -Right -Period #2	**17MAR06**	*17MAR06*	**30MAR06**	*30MAR06*	***193***		0.00	34,504.00	34,504.00		0.00
184-115	Assemble 3 TF coils&structure -Left -Period #2	**26APR06**	*26APR06*	**09MAY06**	*09MAY06*	***175***		0.00	34,504.00	34,504.00		0.00
184-120	Assemble 3 TF coils&structure -Right -Period #3	**21JUL06**	*21JUL06*	**03AUG06**	*03AUG06*	***142***		0.00	34,504.00	34,504.00		0.00
184-125	Assemble 3 TF coils&structure -Left -Period #3	**18SEP06**	*18SEP06*	**29SEP06**	*29SEP06*	***112***		0.00	34,504.00	34,504.00		0.00
Job:1810 - Field Period Assembly												
Period 1												
721.010	Area preparations	**03OCT05***	*03OCT05**	**15FEB06**	*15FEB06*	***124***		0.00	92,942.40	92,942.40		0.00
725.001	Assemble Field Period #1 (summary task)	**28APR06**	*28APR06*	**07SEP06**	*07SEP06*	***147***		0.00	290,396.00	290,396.00		0.00
P1-180	Rec'v VV,Attach clng tubes &Insul to 1st Period	**06MAR06**	*06MAR06*	**27APR06**	*27APR06*	***112***		0.00	95,908.80	95,908.80		0.00
P1-181	Assemble 1st. Field Period - coils/VV	**28APR06**	*28APR06*	**20JUN06**	*20JUN06*	***116***		0.00	0.00	0.00		0.00
P1-191	Position and weld port assemblies	**21JUN06**	*21JUN06*	**12JUL06**	*12JUL06*	***147***		0.00	0.00	0.00		0.00
P1-201	Bakeout vessel segment to 150 degrees C	**13JUL06**	*13JUL06*	**20JUL06**	*20JUL06*	***147***		0.00	0.00	0.00		0.00
P1-211	vacuum leak check &Ext Trim coil instl	**21JUL06**	*21JUL06*	**24AUG06**	*24AUG06*	***147***		0.00	0.00	0.00		0.00
P1-221	Prepare field period for shipment	**25AUG06**	*25AUG06*	**31AUG06**	*31AUG06*	***147***		0.00	0.00	0.00		0.00
P1-231	Ship 1st. Field period	**01SEP06**	*01SEP06*	**06SEP06**	*06SEP06*	***147***		0.00	0.00	0.00		0.00
P1-241	Field period 1 ready for installation	**07SEP06**	*07SEP06*	**07SEP06**	*07SEP06*	***147***		0.00	0.00	0.00		0.00
Period 2												
725.101	Assemble Field Period #2 (summary task)	**23JUN06**	*23JUN06*	**31OCT06**	*31OCT06*	***129***		0.00	295,816.41	295,816.41		0.00
P2-180	Rec'v VV,Attach clng tubes &Insul to 2nd Period	**28APR06**	*28APR06*	**22JUN06**	*22JUN06*	***112***		0.00	95,908.80	95,908.80		0.00
P2-181	Assemble 2nd. Field Period- coils/ VV	**23JUN06**	*23JUN06*	**15AUG06**	*15AUG06*	***114***		0.00	0.00	0.00		0.00
P2-191	Position and weld port assemblies	**16AUG06**	*16AUG06*	**06SEP06**	*06SEP06*	***129***		0.00	0.00	0.00		0.00
P2-201	Bakeout vessel segment to 150 degrees C	**07SEP06**	*07SEP06*	**14SEP06**	*14SEP06*	***129***		0.00	0.00	0.00		0.00
P2-211	vacuum leak check &Ext Trim coil instl	**15SEP06**	*15SEP06*	**19OCT06**	*19OCT06*	***129***		0.00	0.00	0.00		0.00
P2-221	Prepare field period for shipment	**20OCT06**	*20OCT06*	**26OCT06**	*26OCT06*	***129***		0.00	0.00	0.00		0.00
P2-231	Ship 2nd. Field period	**27OCT06**	*27OCT06*	**31OCT06**	*31OCT06*	***129***		0.00	0.00	0.00		0.00
P2-241	Field Period 2 ready for installation	**01NOV06**	*01NOV06*	**01NOV06**	*01NOV06*	***129***		0.00	0.00	0.00		0.00
Period 3												
725.201	Assemble Field Period #3 (summary task)	**18AUG06**	*18AUG06*	**03JAN07**	*03JAN07*	***112***		0.00	305,343.20	305,343.20		0.00
P3-180	Rec'v VV,Attach clng tubes &Insul to 3rd Period	**23JUN06***	*23JUN06**	**17AUG06**	*17AUG06*	***112***		0.00	95,908.80	95,908.80		0.00
P3-181	Assemble 3rd. Field Period - coils/ VV	**18AUG06**	*18AUG06*	**10OCT06**	*10OCT06*	***112***		0.00	0.00	0.00		0.00
P3-191	Position and weld port assemblies	**11OCT06**	*11OCT06*	**31OCT06**	*31OCT06*	***112***		0.00	0.00	0.00		0.00
P3-201	Bakeout vessel segment to 150 degrees C	**01NOV06**	*01NOV06*	**07NOV06**	*07NOV06*	***112***		0.00	0.00	0.00		0.00
P3-211	vacuum leak check &Ext Trim coil instl	**08NOV06**	*08NOV06*	**14DEC06**	*14DEC06*	***112***		0.00	0.00	0.00		0.00
P3-221	Prepare field period for shipment	**15DEC06**	*15DEC06*	**21DEC06**	*21DEC06*	***112***		0.00	0.00	0.00		0.00
P3-231	Ship 3rd. Field Period	**22DEC06**	*22DEC06*	**03JAN07**	*03JAN07*	***112***		0.00	0.00	0.00		0.00
P3-241	3rd. Period ready for installation	**04JAN07**	*04JAN07*	**04JAN07**	*04JAN07*	***112***		0.00	0.00	0.00		0.00
P1-180A	cd-4 350c increment	**06MAR06**	*06MAR06*	**07AUG06**	*07AUG06*	***799***		0.00	38,544.00	38,544.00		0.00



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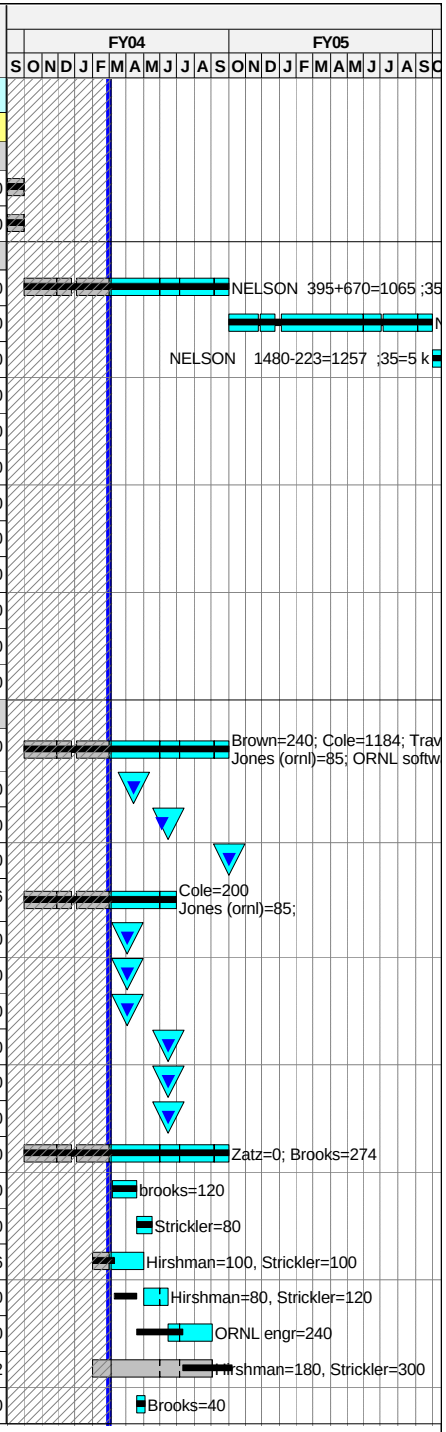
Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
19 - Stellarator Core Management and Integration												
Job: 1901 - Stellarator Core Mngtt&Integr-NELSON												
FY03 Actual Cost												
1901-002	Apr-Sept MIE Costs ORNL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	187,090.00	187,090.00	187,090.00		0.00
1901-003	Apr-Sept MIE Costs PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	67,070.00	67,070.00	67,070.00		0.00
191 - Stellarator Core Management & Oversight												
191-4	LOE-FY04 WBS 191-4 Management Activities	**01OCT03A**	*01OCT03A*	**30SEP04**	*30SEP04*	***1,259***	***LOE***	57,697.14	145,699.85	145,699.85		0.00
0191-5	LOE-FY05 WBS 191	**01OCT04***	*01OCT04**	**30SEP05**	*30SEP05*	***1,010***	***LOE***	0.00	197,596.67	197,596.67		0.00
0191-6	LOE-FY06 WBS 191	**03OCT05***	*03OCT05**	**02OCT06**	*02OCT06*	***526***	***LOE***	0.00	190,877.89	190,877.89		0.00
0191-6X	LOE-FY07 WBS 191	**03OCT06***	*03OCT06**	**10SEP07**	*10SEP07*	***526***	***LOE***	0.00	199,716.12	199,716.12		0.00
0191-91	LOE-FY06 WBS 191 1 mo SO	**01OCT07***	*01OCT07**	**30OCT07**	*30OCT07*	***346***	***LOE***	0.00	20,250.00	20,250.00		0.00
0191-92	LOE-FY06 WBS 191 1 mo SO	**31OCT07***	*31OCT07**	**28NOV07**	*28NOV07*	***346***	***LOE***	0.00	20,250.00	20,250.00		0.00
0191-93	LOE-FY06 WBS 191 1 mo SO	**03DEC07***	*03DEC07**	**21DEC07**	*21DEC07*	***346***	***LOE***	0.00	20,250.00	20,250.00		0.00
0191-94	LOE-FY06 WBS 191 1 mo SO	**01JAN08***	*01JAN08**	**30JAN08**	*30JAN08*	***346***	***LOE***	0.00	20,250.00	20,250.00		0.00
0191-95	LOE-FY06 WBS 191 1 mo SO	**31JAN08***	*31JAN08**	**29FEB08**	*29FEB08*	***346***	***LOE***	0.00	20,250.00	20,250.00		0.00
0191-96	LOE-FY06 WBS 191 1 mo SO	**03MAR08***	*03MAR08**	**01APR08**	*01APR08*	***346***	***LOE***	0.00	20,250.00	20,250.00		0.00
0191-97	LOE-FY06 WBS 191 1 mo SO	**02APR08***	*02APR08**	**30APR08**	*30APR08*	***346***	***LOE***	0.00	20,250.00	20,250.00		0.00
0191-98	LOE-FY06 WBS 191 1 mo SO	**01MAY08***	*01MAY08**	**30MAY08**	*30MAY08*	***346***	***LOE***	0.00	20,250.00	20,250.00		0.00
192 - Stellarator Core Integration & Analysis												
192-4	LOE-FY05 WBS 192-4 Design Integration	**01OCT03A**	*01OCT03A*	**30SEP04**	*30SEP04*	***1,259***	***LOE***	93,993.81	237,358.09	237,358.09		0.00
192-4.1	Self consistent models/dwgs f/ Mod Coil & VV			**14APR04***	*14APR04**	***118***		0.00	0.00	0.00		0.00
192-4.2	Self consistent models/dwgs Conv Coils&sprt strc			**01JUN04***	*15JUN04**	***150***		0.00	0.00	0.00		0.00
192-4.4	Stellarator Core Assy dwgs & assy sequence			**30SEP04***	*30SEP04**	***1,259***		0.00	0.00	0.00		0.00
192-5	LOE-FY05 WBS 192-5 VV & Coil Services Integr	**01OCT03A**	*01OCT03A*	**30JUN04**	*30JUN04*	***1,323***	***LOE***	19,511.98	36,676.65	36,676.65		-9.46
192-5.1	\VV Helium Line Models			**01APR04***	*01APR04**	***1,386***		0.00	0.00	0.00		0.00
192-5.2	Mod Coil LN2 Lines Layouts			**01APR04***	*01APR04**	***1,386***		0.00	0.00	0.00		0.00
192-5.3	Mod Coil Leads Layouts			**01APR04***	*01APR04**	***1,386***		0.00	0.00	0.00		0.00
192-5.4	PF Coil Leads & Services Layouts			**15JUN04***	*15JUN04**	***1,334***		0.00	0.00	0.00		0.00
192-5.5	TF Coil leads & Services Layouts			**15JUN04***	*15JUN04**	***1,334***		0.00	0.00	0.00		0.00
192-5.6	External Trim Coil Leads /services Layouts			**15JUN04***	*15JUN04**	***1,334***		0.00	0.00	0.00		0.00
192-6	LOE-FY05 WBS 192-6 Integrated Analysis	**01OCT03A**	*01OCT03A*	**30SEP04**	*30SEP04*	***1,259***	***LOE***	17,436.59	44,031.80	44,031.80		0.00
192-6.01	Document coil tolerance and trim coil requiremen	**08MAR04***	*08MAR04**	**19APR04**	*19APR04*	***95***		0.00	19,284.00	19,284.00		0.00
192-6.02	Check critical coil tolerance calculations.	**20APR04**	*20APR04*	**17MAY04**	*17MAY04*	***95***		0.00	10,295.20	10,295.20		0.00
192-6.03	Invest FARO arm to deter mag field distrib from	**02FEB04***	*01FEB04A*	**08MAR04**	*30APR04*	***198***	***10***	2,573.80	25,738.00	25,738.00		-17,224.66
192-6.04	Calc impact omisalignments on mutual	**09MAR04**	*03MAY04*	**19APR04**	*14JUN04*	***1,301***		0.00	25,738.00	25,738.00		0.00
192-6.05	Determine reqd process for assly tolerances	**20APR04**	*15JUN04*	**12JUL04**	*03SEP04*	***1,301***		0.00	30,885.60	30,885.60		0.00
192-6.06	Coil positions to minimize islands.	**13JUL04**	*02FEB04A*	**08OCT04**			***60***	37,062.72	61,771.20	62,328.00		37,062.72
192-6.07	Time constant calcs using SPARK	**19APR04***	*19APR04**	**03MAY04**	*03MAY04*	***105***		0.00	6,428.00	6,428.00		0.00



Run Date **12MAR04 09:00**

current schedule
xECP5 Baseline
Progress Bar
Critical Activity

0402

Sheet 23 of 41

NCSX
ECP5 Baseline

STATUS THROUGH
March 1, 2004

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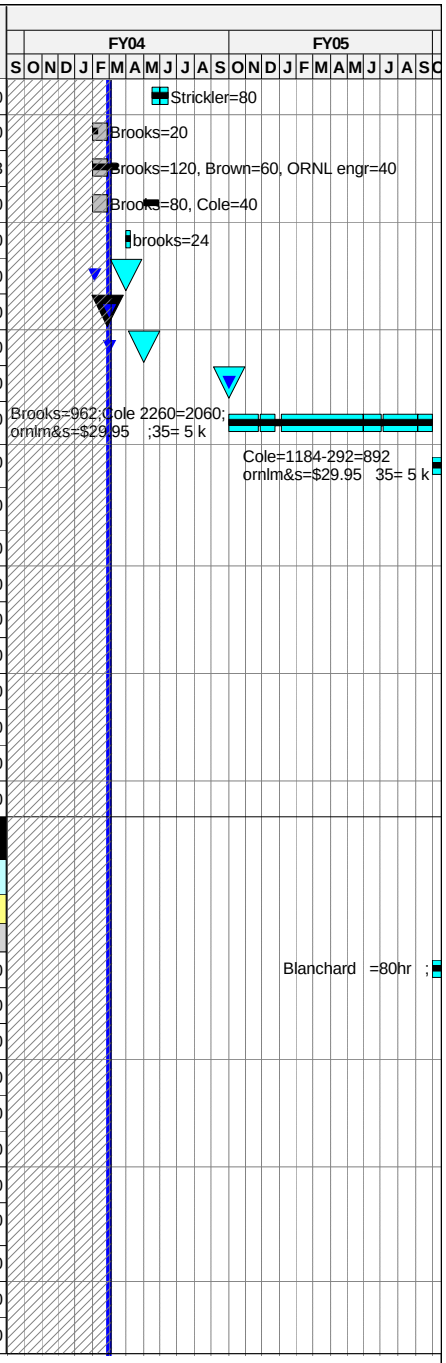
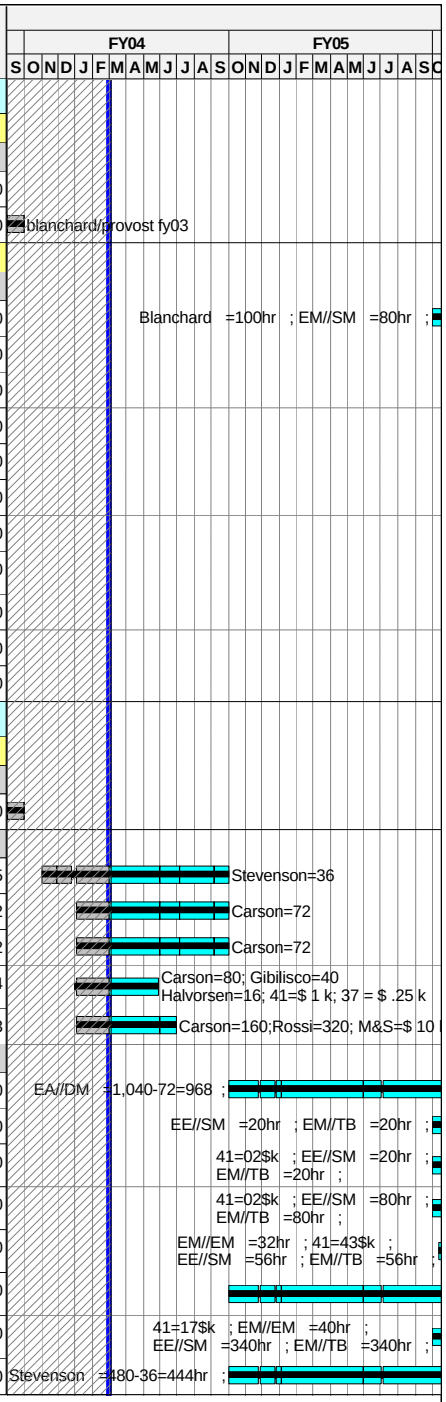
Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
192-6.08	Indep check time constant calcs using	**17MAY04***	*17MAY04**	**14JUN04**	*14JUN04*	***1,359***		0.00	10,295.20	10,295.20		0.00
192-6.09	Revised VV geometry	**02FEB04***	*02FEB04A*	**09FEB04**	*27FEB04A*		***100***	3,214.00	3,214.00	3,214.00		0.00
192-6.10	MC interf during assly, geometry, assly trajecto	**02FEB04***	*02FEB04A*	**15MAR04**	*27FEB04A*		***100***	34,073.60	34,073.60	34,073.60		12,090.63
192-6.11	Range of motion reqts for Assly MC fixture.	**03MAY04***	*02FEB04A*	**28MAY04**	*27FEB04A*		***100***	18,003.60	18,003.60	18,003.60		18,003.60
192-6.12	Final Check & Verification	**31MAR04***	*31MAR04**	**07APR04**	*07APR04*	***123***		0.00	3,856.80	3,856.80		0.00
192-6.5	Stellarator Core Assy Design criteria			**02FEB04***	*30MAR04**	***1,388***		0.00	0.00	0.00		0.00
192-6.2	Final Mod Coil Trajectories			**01MAR04***	*27FEB04A*			0.00	0.00	0.00		0.00
192-6.6	Stellarator Core Materials Database			**01MAR04***	*30APR04**	***1,365***		0.00	0.00	0.00		0.00
192-6.3	Best fit for mod coil assy on winding measuremen			**30SEP04***	*30SEP04**	***1,259***		0.00	0.00	0.00		0.00
0192-5	LOE-FY05 WBS 192	**01OCT04***	*01OCT04**	**30SEP05**	*30SEP05*	***1,010***	***LOE***	0.00	514,578.55	514,578.55		0.00
0192-6	LOE-FY06 WBS 192	**03OCT05***	*03OCT05**	**02OCT06**	*02OCT06*	***518***	***LOE***	0.00	165,946.13	165,946.13		0.00
0192-6X	LOE-FY06 WBS 192	**03OCT06***	*03OCT06**	**20SEP07**	*20SEP07*	***518***	***LOE***	0.00	135,038.20	135,038.20		0.00
0192-91	LOE-F1 mo SO	**01OCT07***	*01OCT07**	**30OCT07**	*30OCT07*	***338***	***LOE***	0.00	16,018.04	16,018.04		0.00
0192-92	LOE-F1 mo SO	**31OCT07***	*31OCT07**	**03DEC07**	*03DEC07*	***338***	***LOE***	0.00	16,018.04	16,018.04		0.00
0192-93	LOE-F1 mo SO	**04DEC07***	*04DEC07**	**10JAN08**	*10JAN08*	***338***	***LOE***	0.00	16,018.04	16,018.04		0.00
0192-94	LOE-F1 mo SO	**11JAN08***	*11JAN08**	**11FEB08**	*11FEB08*	***338***	***LOE***	0.00	16,018.04	16,018.04		0.00
0192-95	LOE-F1 mo SO	**12FEB08***	*12FEB08**	**12MAR08**	*12MAR08*	***338***	***LOE***	0.00	16,018.04	16,018.04		0.00
0192-96	LOE-F1 mo SO	**13MAR08***	*13MAR08**	**11APR08**	*11APR08*	***338***	***LOE***	0.00	16,018.04	16,018.04		0.00
0192-97	LOE-F1 mo SO	**14APR08***	*14APR08**	**12MAY08**	*12MAY08*	***338***	***LOE***	0.00	16,018.04	16,018.04		0.00
0192-98	LOE-F1 mo SO	**13MAY08***	*13MAY08**	**11JUN08**	*11JUN08*	***338***	***LOE***	0.00	16,018.04	16,018.04		0.00
2 - Plasma Heating, Fueling & Vac Systems												
21 - Fueling Systems												
21-10	Eng. Work Planning and Design	**03OCT05***	*03OCT05**	**05JAN06**	*05JAN06*	***238***		0.00	13,512.00	13,512.00		0.00
21-15	Design Gas Handling Hardware	**06JAN06**	*06JAN06*	**06APR06**	*06APR06*	***238***		0.00	6,606.00	6,606.00		0.00
21-20	Design PLC Controls	**06JAN06***	*06JAN06**	**06APR06**	*06APR06*	***238***		0.00	17,968.00	17,968.00		0.00
21-25	Electrical Drafting for pumping system	**06JAN06***	*06JAN06**	**06APR06**	*06APR06*	***238***		0.00	13,200.00	13,200.00		0.00
21-30	Drafting	**06JAN06***	*06JAN06**	**06APR06**	*06APR06*	***238***		0.00	8,800.00	8,800.00		0.00
21-35	Eng. Work Planning and Design during fab	**02OCT06***	*02OCT06**	**04JAN07**	*04JAN07*	***114***		0.00	3,638.00	3,638.00		0.00
21-40	Fabrication/Install Hardware	**02OCT06***	*02OCT06**	**04JAN07**	*04JAN07*	***114***		0.00	7,116.00	7,116.00		0.00
21-45	Fabrication/installation	**02OCT06***	*02OCT06**	**04JAN07**	*04JAN07*	***114***		0.00	53,477.20	53,477.20		0.00
21-55	Install PLC Controls	**02OCT06***	*02OCT06**	**04JAN07**	*04JAN07*	***114***		0.00	9,672.00	9,672.00		0.00
21-60	Integrated Systems Testing/Eng	**02OCT06***	*02OCT06**	**04JAN07**	*04JAN07*	***114***		0.00	3,638.00	3,638.00		0.00
21-65	Integrated Systems Testing/Tech Support	**05JAN07***	*05JAN07**	**08MAR07**	*08MAR07*	***114***		0.00	2,418.00	2,418.00		0.00



Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
22 - Torus Vacuum Pumping Systems												
Job: 2001-VPS,Gas& Cond Sys Oversight-BLANCHARD												
FY03 Actual Cost												
2001-001	Apr-May MIE Cost	**01APR03A**	*01APR03A*	**30MAY03A**	*30MAY03A*		***100***	35,300.00	35,300.00	35,300.00		0.00
2001-100	PDR Support	**01JUN03A**	*01JUN03A*	**30SEP03A**	*30SEP03A*		***LOE***	24,896.00	24,896.00	24,896.00		0.00
22-25	Eng. Work Planning and Design	**03OCT05***	*03OCT05**	**05JAN06**	*05JAN06*	***138***		0.00	25,698.00	25,698.00		0.00
22-30	Design PLC based control system	**06JAN06***	*06JAN06**	**06APR06**	*06APR06*	***203***		0.00	35,936.00	35,936.00		0.00
22-35	Electrical Drafting for pumping system	**06JAN06***	*06JAN06**	**06APR06**	*06APR06*	***203***		0.00	23,100.00	23,100.00		0.00
22-40	Drafting	**06JAN06***	*06JAN06**	**06APR06**	*06APR06*	***138***		0.00	17,600.00	17,600.00		0.00
22-45	Eng. Work Planning and Design during fab	**07APR06***	*07APR06**	**10JUL06**	*10JUL06*	***138***		0.00	15,201.00	15,201.00		0.00
22-50	Perform maint. & repair of pmpg sys	**07APR06***	*07APR06**	**10JUL06**	*10JUL06*	***138***		0.00	8,808.00	8,808.00		0.00
22-55	Repair and Calibration of vac instrumentation	**11AUG06***	*11AUG06**	**03JAN07**	*03JAN07*	***115***		0.00	9,243.20	9,243.20		0.00
22-60	Fabrication/installation	**11AUG06***	*11AUG06**	**03JAN07**	*03JAN07*	***115***		0.00	114,721.68	114,721.68		0.00
22-65	Fab PLC conrols	**11AUG06***	*11AUG06**	**03JAN07**	*03JAN07*	***115***		0.00	61,571.20	61,571.20		0.00
22-70	Integrated Systems Testing/Eng	**04JAN07***	*04JAN07**	**07MAR07**	*07MAR07*	***115***		0.00	7,276.00	7,276.00		0.00
22-75	Integrated Systems Testing/Tech Support	**04JAN07***	*04JAN07**	**07MAR07**	*07MAR07*	***115***		0.00	4,836.00	4,836.00		0.00
25 - Neutral Beam Injection System												
Job: 2501 - Neutral Beam Refurbishment-STEVENSON												
FY03 Actual Cost												
2501-001	Apr-Sept MIE Cost	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	146,310.00	146,310.00	146,310.00		0.00
FY04 Work Plan												
2501-015	Design & Work Planning	**03NOV03A**	*03NOV03A*	**30SEP04**	*30SEP04*	***1,259***	***60***	3,255.12	5,425.20	5,425.20		1,438.75
2501-020	Layout & Routing	**02JAN04A**	*02JAN04A*	**30SEP04**	*30SEP04*	***1,259***	***50***	3,866.40	7,732.80	7,732.80		2,215.12
2501-025	Systems Interfaces	**02JAN04A**	*02JAN04A*	**30SEP04**	*30SEP04*	***1,259***	***20***	1,546.56	7,732.80	7,732.80		-104.72
2501-030	Power System Local testing	**01JAN04A**	*01JAN04A*	**28MAY04**	*28MAY04*	***1,345***	***80***	12,644.36	15,805.45	15,805.45		6,530.94
2501-035	Controls Development	**02JAN04A**	*02JAN04A*	**30JUN04**	*30JUN04*	***1,323***	***20***	12,858.40	64,292.00	64,292.00		-7,735.13
Refurbishment												
25-100	6) Drafting Support	**01OCT04***	*01OCT04**	**25JUN07**	*25JUN07*	***588***		0.00	108,007.21	108,007.21		0.00
25-105	7) Refurbish sources	**03OCT05***	*03OCT05**	**26JUN07**	*26JUN07*	***587***		0.00	3,977.51	3,977.51		0.00
25-110	8) Fabricate and install new filaments	**03OCT05***	*03OCT05**	**21JUN07**	*21JUN07*	***590***		0.00	6,625.84	6,625.84		0.00
25-115	9) Refurbish calorimeters as needed	**03OCT05***	*03OCT05**	**26JUN07**	*26JUN07*	***587***		0.00	18,559.92	18,559.92		0.00
25-130	12) Dsn,Fan,Instl NBI vacuum system	**13OCT05***	*13OCT05**	**03JUL07**	*03JUL07*	***582***		0.00	73,736.99	73,736.99		0.00
25-145	15)Upgrade/Calibr of telemetry, ptical links etc	**01OCT04***	*01OCT04**	**29SEP06**	*29SEP06*	***774***		0.00	63,991.66	63,991.66		0.00
25-155	17) Fab/Instl Front Box Nitrogen Cryopanels.	**03OCT05***	*03OCT05**	**23JUL07**	*23JUL07*	***568***		0.00	97,269.14	97,269.14		0.00
25-175	21) Sys Engr & Work Planning Procedures	**01OCT04***	*01OCT04**	**29JUN07**	*29JUN07*	***584***		0.00	70,981.24	70,981.24		0.00



Run Date **12MAR04 09:00**

current schedule
xECP5 Baseline
Progress Bar
Critical Activity

0402

NCSX
ECP5 Baseline

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STATUS THROUGH
March 1, 2004

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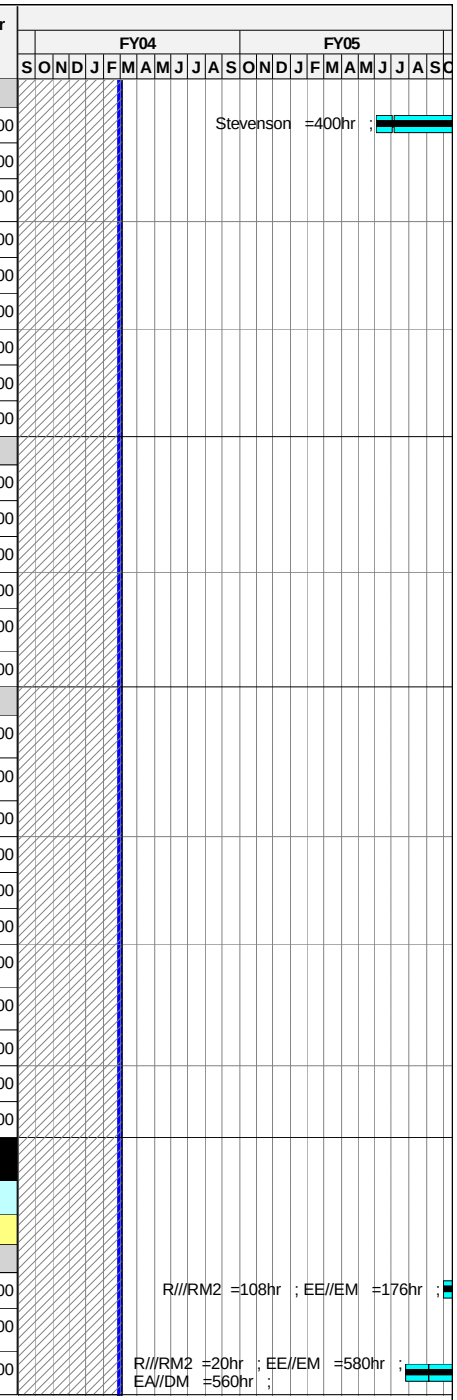
Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
Re-Install Beamline												
25-180	31)Work Planning Procedures	**03JUN05***	*03JUN05**	**18JUN07**	*18JUN07*	***593***		0.00	64,528.62	64,528.62		0.00
25-185	32) EAD analysis of platform support capability	**02OCT06***	*02OCT06**	**28FEB07**	*28FEB07*	***670***		0.00	3,638.00	3,638.00		0.00
25-190	33) Fabr BL alignment measur fixture,	**02OCT06***	*02OCT06**	**28FEB07**	*28FEB07*	***670***		0.00	28,462.00	28,462.00		0.00
25-195	34) Fabr new bellows/electrical break	**02OCT06***	*02OCT06**	**28FEB07**	*28FEB07*	***670***		0.00	16,592.00	16,592.00		0.00
25-200	35) Perform alignment measurements	**02OCT06***	*02OCT06**	**28FEB07**	*28FEB07*	***670***		0.00	829.60	829.60		0.00
25-205	36) Prepare platform for base plate	**02OCT06***	*02OCT06**	**28FEB07**	*28FEB07*	***670***		0.00	1,659.20	1,659.20		0.00
25-210	37) Relocate base plate to NCSX location	**02OCT06***	*02OCT06**	**28FEB07**	*28FEB07*	***670***		0.00	6,636.80	6,636.80		0.00
25-215	38) Lift NB from Refurb location to NCSX locatio	**04OCT06***	*04OCT06**	**02MAR07**	*02MAR07*	***668***		0.00	25,717.60	25,717.60		0.00
25-220	39) Enclose platform around base plate	**29SEP06***	*29SEP06**	**28JUN07**	*28JUN07*	***585***		0.00	3,317.16	3,317.16		0.00
Re-Install Cables												
25-225	Cabling-Design & WP Procedures	**04SEP06***	*04SEP06**	**31AUG07**	*31AUG07*	***539***		0.00	28,940.86	28,940.86		0.00
25-230	Cabling-Fabr and Install new Junction Box	**02OCT06***	*02OCT06**	**29JUN07**	*29JUN07*	***584***		0.00	16,592.00	16,592.00		0.00
25-235	Cabling-Hi-potting cable run and fixing problems	**02OCT06***	*02OCT06**	**29JUN07**	*29JUN07*	***584***		0.00	8,296.00	8,296.00		0.00
25-240	Cabling-Install Cable Trays	**02OCT06***	*02OCT06**	**29JUN07**	*29JUN07*	***584***		0.00	33,184.00	33,184.00		0.00
25-245	Cabling-Pull cables Arc Room to PVC Junction	**02OCT06***	*02OCT06**	**29JUN07**	*29JUN07*	***584***		0.00	74,480.00	74,480.00		0.00
25-250	Cabling- M&S f/ trays, fixtures, materials	**02OCT06***	*02OCT06**	**29JUN07**	*29JUN07*	***584***		0.00	35,152.00	35,152.00		0.00
Beamline Connections												
25-255	Install weld cables Juncton Box to Ion Source.	**02OCT06***	*02OCT06**	**01JUN07**	*01JUN07*	***604***		0.00	9,107.20	9,107.20		0.00
25-260	Connect bBL to foreline and exhaust manifold.	**02OCT06***	*02OCT06**	**01JUN07**	*01JUN07*	***604***		0.00	4,129.60	4,129.60		0.00
25-265	New PLC. Test system after installation.	**02OCT06***	*02OCT06**	**01JUN07**	*01JUN07*	***604***		0.00	3,318.40	3,318.40		0.00
25-270	Connect BL to new manifold & test	**02OCT06***	*02OCT06**	**01JUN07**	*01JUN07*	***604***		0.00	3,318.40	3,318.40		0.00
25-275	Connect beamline to new manifold & test.	**02OCT06***	*02OCT06**	**01JUN07**	*01JUN07*	***604***		0.00	3,318.40	3,318.40		0.00
25-280	Connect beamline to new manifold and test	**02OCT06***	*02OCT06**	**01JUN07**	*01JUN07*	***604***		0.00	1,659.20	1,659.20		0.00
25-285	Install Water System	**02OCT06***	*02OCT06**	**01JUN07**	*01JUN07*	***604***		0.00	27,727.20	27,727.20		0.00
25-290	Fab & Install Water Cooled Aperture	**02OCT06***	*02OCT06**	**01JUN07**	*01JUN07*	***604***		0.00	19,609.60	19,609.60		0.00
25-295	New PLC for water sys & test	**02OCT06***	*02OCT06**	**01JUN07**	*01JUN07*	***604***		0.00	1,659.20	1,659.20		0.00
25-300	Diag Sys-Fab/install new cables	**02OCT06***	*02OCT06**	**01JUN07**	*01JUN07*	***604***		0.00	1,659.20	1,659.20		0.00
25-310	Drafting Labor Support	**03APR06***	*03APR06**	**01JUN07**	*01JUN07*	***604***		0.00	55,127.52	55,127.52		0.00
3 - Diagnostics												
31 - Magnetic Diagnostics												
310-010	Design Mag Diagnostics	**03OCT05***	*03OCT05**	**21FEB06**	*21FEB06*	***129***		0.00	44,460.00	44,460.00		0.00
310-015	Fabricate & Install Magnetics on Vessel	**17MAR06**	*17MAR06*	**17AUG06**	*17AUG06*	***112***		0.00	140,205.50	140,205.50		0.00
310-020	Design other ex-vessel sensors	**25JUL05***	*25JUL05**	**21NOV05**	*21NOV05*	***116***		0.00	154,537.34	154,537.34		0.00



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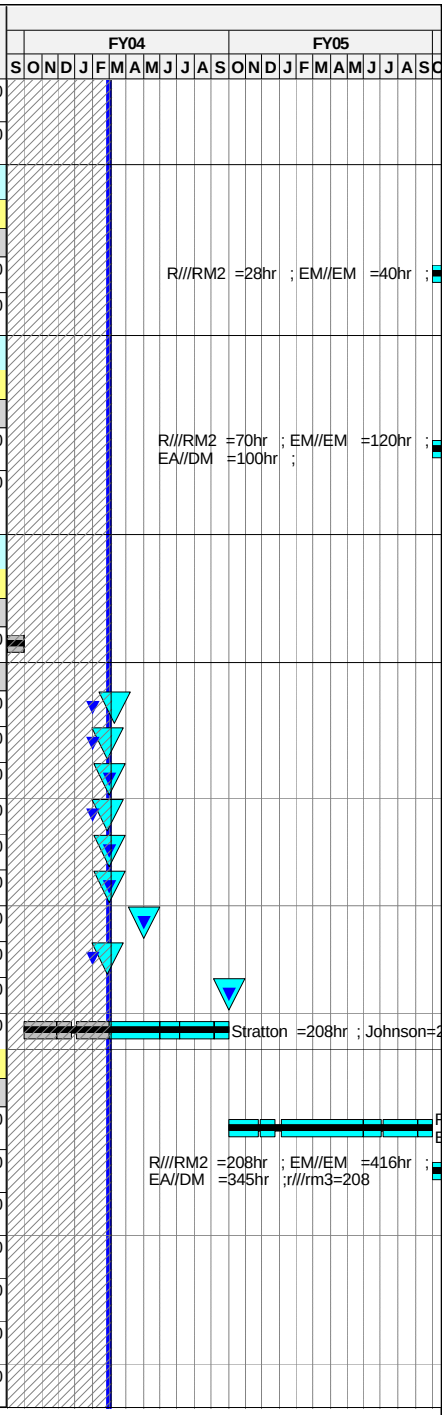
Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
310-025	Fab & Install other ex-vessel sensors on coils	**22NOV05**	*22NOV05*	**27APR06**	*27APR06*	***116***		0.00	78,406.05	78,406.05		0.00
310-030	Design & FabMagnetic integrators	**22NOV05***	*22NOV05**	**12APR06**	*12APR06*	***127***		0.00	36,491.65	36,491.65		0.00
36 - Edge and Divertor Diagnostics												
361-001	Design Visible Camera sys	**03OCT05***	*03OCT05**	**12APR06**	*12APR06*	***208***		0.00	11,096.00	11,096.00		0.00
361-015	Fab/Assy/Installation Visible Camera	**28AUG06***	*28AUG06**	**08MAR07**	*08MAR07*	***113***		0.00	88,191.41	88,191.41		0.00
38 - Electron Beam (EB) Mapping												
380-010	Designe-Beam Probe,Fluor. Screen	**03OCT05***	*03OCT05**	**13FEB06**	*13FEB06*	***278***		0.00	42,118.00	42,118.00		0.00
380-015	Fab & Install Beam probe	**06OCT06**	*06OCT06*	**08MAR07**	*08MAR07*	***113***		0.00	249,952.00	249,952.00		0.00
39 - Diagnostics Integration												
Job: 3901 - Diagnostics sys Integration-JOHNSON												
FY03 Actual Cost												
390-001	LOE Support FY03	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	155,450.00	155,450.00	155,450.00		0.00
390-100	Finalize VV ports (number,size,locations)			**30JAN04***	*08MAR04**	***1,404***	***90***	0.00	0.00	0.00		0.00
390-110	Resolve port interferences.Final port config			**30JAN04***	*27FEB04**	***1,410***		0.00	0.00	0.00		0.00
390-120	Update port map&revise diag port assignments			**01MAR04***	*01MAR04**	***1,409***	***30***	0.00	0.00	0.00		0.00
390-130	Rvw status of existing ICD's w/VV & Mod Coils			**30JAN04***	*27FEB04**	***1,410***	***100***	0.00	0.00	0.00		0.00
390-140	Write ICD's-Define external space for diagnostic			**01MAR04***	*01MAR04**	***1,409***		0.00	0.00	0.00		0.00
390-150	Write ICD's-Define space f/racks in cntrl rm			**01MAR04***	*01MAR04**	***1,409***		0.00	0.00	0.00		0.00
390-160	Start recruiting diag team at HTPD conference			**30APR04***	*30APR04**	***1,365***		0.00	0.00	0.00		0.00
390-170	Develop space envelopes for SXR			**30JAN04***	*27FEB04**	***1,410***		0.00	0.00	0.00		0.00
390-180	Hold CDR's co-wound mag sensors&ext saddle			**30SEP04***	*30SEP04**	***1,259***		0.00	0.00	0.00		0.00
390-010	LOE Support FY04	**01OCT03A**	*01OCT03A*	**30SEP04**	*30SEP04*	***1,259***	***LOE***	30,897.31	78,023.50	78,023.50		0.00
390-015	LOE Support FY05	**01OCT04***	*01OCT04**	**30SEP05**	*30SEP05*	***1,010***		0.00	183,996.90	183,996.90		0.00
390-020	LOE Support FY06	**03OCT05***	*03OCT05**	**29SEP06**	*29SEP06*	***761***		0.00	187,148.40	187,148.40		0.00
390-025	LOE Support FY07	**02OCT06***	*02OCT06**	**30MAR07**	*30MAR07*	***469***		0.00	99,039.11	99,039.11		0.00
390-901	LOE Support FY07 1mo SO	**02APR07**	*02APR07*	**01MAY07**	*01MAY07*	***469***		0.00	17,760.40	17,760.40		0.00
390-902	LOE Support FY07 1mo SO	**02MAY07**	*02MAY07*	**01JUN07**	*01JUN07*	***469***		0.00	17,760.40	17,760.40		0.00
390-903	LOE Support FY07 1mo SO	**04JUN07**	*04JUN07*	**02JUL07**	*02JUL07*	***469***		0.00	17,760.40	17,760.40		0.00
390-904	LOE Support FY07 1mo SO	**03JUL07**	*03JUL07*	**01AUG07**	*01AUG07*	***469***		0.00	17,760.40	17,760.40		0.00



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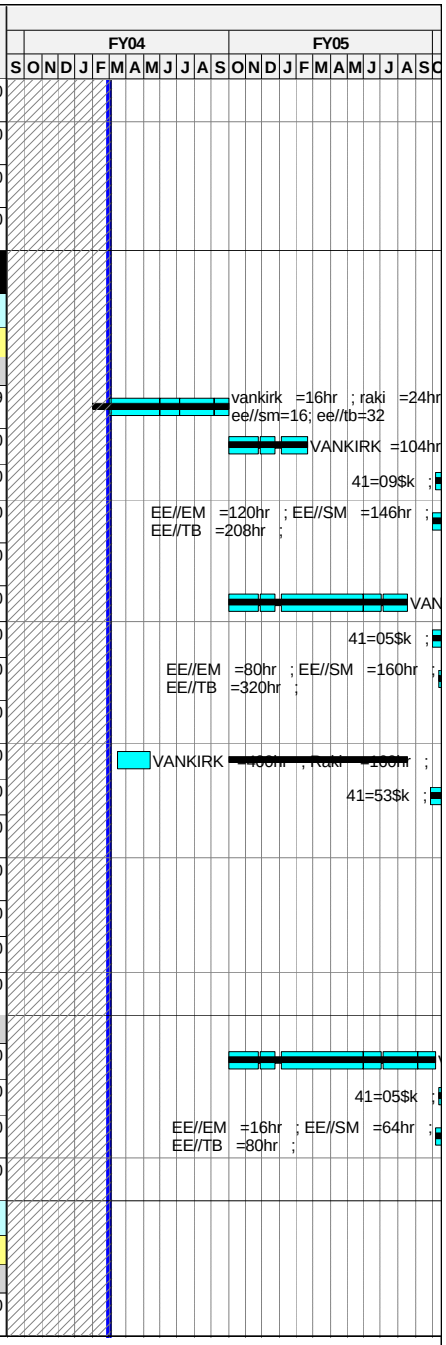
Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
390-905	LOE Support FY07 1mo SO	**02AUG07**	*02AUG07*	**30AUG07**	*30AUG07*	***469***		0.00	17,760.40	17,760.40		0.00
390-906	LOE Support FY07 1mo SO	**31AUG07**	*31AUG07*	**01OCT07**	*01OCT07*	***469***		0.00	17,793.33	17,793.33		0.00
390-907	LOE Support FY07 1mo SO	**02OCT07**	*02OCT07*	**30OCT07**	*30OCT07*	***469***		0.00	18,451.90	18,451.90		0.00
390-908	LOE Support FY07 1mo SO	**31OCT07**	*31OCT07*	**28NOV07**	*28NOV07*	***469***		0.00	18,451.90	18,451.90		0.00
4 - Electrical Power Systems												
41 - AC Power												
Job: 4101 - AC Power-RAMAKRISHNAN												
411 - Auxiliary AC Power Systems												
4101-100	Prepare Preliminary One line diagram	**02FEB04***	*01MAR04**	**30SEP04**	*30SEP04*	***1,259***		0.00	9,440.80	9,440.80		-1,104.19
411-1-2	fEx-Test Cell AC Power Dist-Dsn	**01OCT04***	*01OCT04**	**18FEB05**	*18FEB05*	***385***		0.00	19,761.90	19,761.90		0.00
411-1-4	Ex-Test Cell AC Power Dist-Procure	**07OCT05***	*07OCT05**	**06JUL06**	*06JUL06*	***279***		0.00	11,745.00	11,745.00		0.00
411-1-6	Ex-Test Cell AC Power Dist-Install	**03OCT05***	*03OCT05**	**18SEP06**	*18SEP06*	***228***		0.00	51,769.40	51,769.40		0.00
411-1-8	Ex-Test Cell AC Power Dist-Commission	**02OCT06***	*02OCT06**	**28FEB07**	*28FEB07*	***119***		0.00	46,568.00	46,568.00		0.00
411-2-2	Grounding-Dsn	**01OCT04***	*01OCT04**	**19AUG05**	*19AUG05*	***225***		0.00	29,688.00	29,688.00		0.00
411-2-4	Grounding-Procure	**03OCT05***	*03OCT05**	**10MAR06**	*10MAR06*	***261***		0.00	6,525.00	6,525.00		0.00
411-2-6	Grounding-Install	**13OCT05***	*13OCT05**	**22JUN06**	*22JUN06*	***188***		0.00	55,912.00	55,912.00		0.00
411-2-8	Grounding-Commission	**02OCT06***	*02OCT06**	**28FEB07**	*28FEB07*	***119***		0.00	18,448.00	18,448.00		0.00
411-3-2	Test Cell AC Power Distr-Dsn	**01OCT04***	*15MAR04**	**19AUG05**	*14MAY04*	***456***		0.00	66,192.00	68,024.00		0.00
411-3-4	Test Cell AC Power Distr-Procure	**29SEP05***	*29SEP05**	**08MAY06**	*08MAY06*	***113***		0.00	69,612.50	69,612.50		0.00
411-3-6	Test Cell AC Power Distr-Install	**09MAY06***	*09MAY06**	**08MAR07**	*08MAR07*	***113***		0.00	61,951.46	61,951.46		0.00
411-3-8	Test Cell AC Power Distr-Commission	**11SEP06***	*11SEP06**	**08MAR07**	*08MAR07*	***113***		0.00	31,186.72	31,186.72		0.00
411-4-2	Standby Power for Cryo Sys -Dsn	**01MAR06***	*01MAR06**	**31MAY06**	*31MAY06*	***295***		0.00	15,100.00	15,100.00		0.00
411-4-4	Standby Power for Cryo Sys -Procure	**02OCT06***	*02OCT06**	**11APR07**	*11APR07*	***210***		0.00	21,632.00	21,632.00		0.00
411-4-6	Standby Power for Cryo Sys -Install	**12APR07**	*12APR07*	**13JUL07**	*13JUL07*	***210***		0.00	51,968.00	51,968.00		0.00
412 - Experimental AC Power Systems												
412-1-2	D-site Pulsed AC Power Distr-Dsn	**01OCT04***	*01OCT04**	**06OCT05**	*06OCT05*	***189***		0.00	10,522.84	10,522.84		0.00
412-1-4	D-site Pulsed AC Power Distr-Procure	**13OCT05***	*13OCT05**	**03JUL06**	*03JUL06*	***251***		0.00	6,525.00	6,525.00		0.00
412-1-6	D-site Pulsed AC Power Distr-Install	**07OCT05**	*07OCT05*	**29SEP06**	*29SEP06*	***189***		0.00	16,043.20	16,043.20		0.00
412-1-8	D-site Pulsed AC Power Distr-Commission	**03MAY06***	*03MAY06**	**23OCT06**	*23OCT06*	***173***		0.00	9,741.47	9,741.47		0.00
42 - AC/DC Converters												
422 - D-Site AC/DC Converters												
422-1-8	Transrex power supplies Reactivation	**02OCT06***	*02OCT06**	**28FEB07**	*28FEB07*	***119***		0.00	23,534.00	23,534.00		0.00



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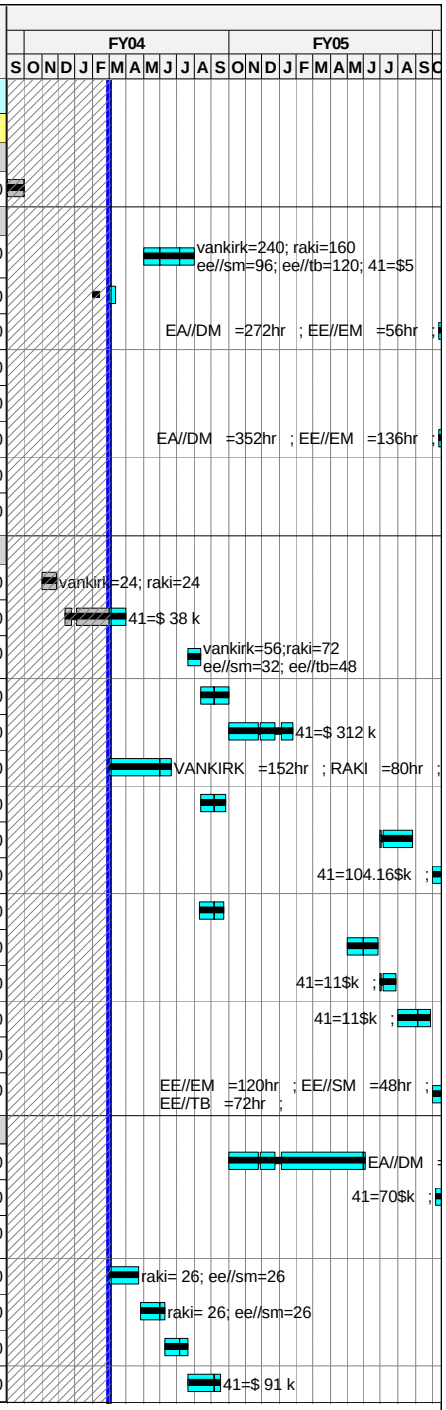
Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
43 - DC Systems												
Job: 4301 - DC Systems-RAMAKRISHNAN												
FY03 Actual Cost												
4301-001	Apr-Sept MIE Cost	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	2,390.00	2,390.00	2,390.00		0.00
431 - C-Site DC Systems												
4301-100	Prel Design link box & physical details,location	**03MAY04***	*03MAY04**	**30JUL04**	*30JUL04*	***1,302***		0.00	75,124.40	75,124.40		0.00
4301-104	clear EF/OH bldg of stored hardware	**02FEB04**	*01MAR04*	**13FEB04**	*12MAR04*	***1,400***		0.00	0.00	0.00		0.00
431-1-2	Coil DC Cabling to link box (PCTB)-Dsn	**13OCT05***	*13OCT05**	**25MAY06**	*25MAY06*	***659***		0.00	38,740.00	38,740.00		0.00
431-1-4	Coil DC Cabling to link box(PCTB)-Procure	**01SEP06***	*01SEP06**	**07JUN07**	*07JUN07*	***591***		0.00	52,804.46	52,804.46		0.00
431-1-6	Coil DC Cabling to (PCTB)-Install	**08JAN07***	*08JAN07**	**07JUN07**	*07JUN07*	***591***		0.00	9,689.60	9,689.60		0.00
431-2-2	DC Cabling to Coils in TC-Dsn	**13OCT05***	*13OCT05**	**19MAY06**	*19MAY06*	***181***		0.00	60,140.00	60,140.00		0.00
431-2-4	DC Cabling to Coils in TC-Procure	**01JUN06***	*01JUN06**	**07MAR07**	*07MAR07*	***174***		0.00	60,160.01	60,160.01		0.00
431-2-6	DC Cabling to Coils in TC-Install	**27SEP06**	*27SEP06*	**07MAR07**	*07MAR07*	***174***		0.00	30,012.22	30,012.22		0.00
432 - D to C-Site DC Systems												
432-100	Prepare Tower SOW and IP for BOA design	**03NOV03A**	*03NOV03A*	**26NOV03A**	*26NOV03A*		***100***	6,141.60	6,141.60	6,141.60		0.00
432-105	BOA design tower supports	**12DEC03A**	*12DEC03A*	**30MAR04**	*30MAR04*	***1,202***	***50***	24,206.00	48,412.00	48,412.00		-9,205.10
432-110	Prep SOW and Requisition for tower installation	**21JUL04**	*21JUL04*	**11AUG04**	*11AUG04*	***1,124***		0.00	23,812.00	23,812.00		0.00
432-115	Bid & Award	**12AUG04**	*12AUG04*	**30SEP04**	*30SEP04*	***1,124***		0.00	0.00	0.00		0.00
432-120	Install Tower Supports	**01OCT04***	*01OCT04**	**25JAN05**	*25JAN05*	***1,124***		0.00	403,104.00	403,104.00		0.00
432-1-2	DC Cabling-Dsn	**01MAR04***	*01MAR04**	**21JUN04**	*21JUN04*	***1,124***		0.00	28,046.40	28,046.40		0.00
432-1-4.0	Prepare SOW & Requisition for 1000MCM 5kv	**13AUG04***	*13AUG04**	**24SEP04**	*24SEP04*	***1,087***		0.00	0.00	0.00		0.00
432-1-4.1	Bid & Award - Cable	**01JUL05***	*01JUL05**	**26AUG05**	*26AUG05*	***898***		0.00	0.00	0.00		0.00
432-1-4.2	Cable Delivery [A/1]	**03OCT05***	*03OCT05**	**25JAN06**	*25JAN06*	***874***		0.00	135,928.80	135,928.80		0.00
432-1-4.4	Prepare SOW & Requisition for Cable Installation	**10AUG04***	*10AUG04**	**21SEP04**	*21SEP04*	***1,104***		0.00	0.00	0.00		0.00
432-1-4.5	Bid & Award Cable Installation	**02MAY05***	*02MAY05**	**27JUN05**	*27JUN05*	***955***		0.00	0.00	0.00		0.00
432-1-4.7	Procure trays	**01JUL05***	*01JUL05**	**29JUL05**	*29JUL05*	***952***		0.00	14,212.00	14,212.00		0.00
432-1-4.8	Install Trays	**01AUG05**	*01AUG05*	**27SEP05**	*27SEP05*	***952***		0.00	14,212.00	14,212.00		0.00
432-1-4.6	S/C Install Cable [A/1]	**01FEB06**	*01FEB06*	**26APR06**	*26APR06*	***870***		0.00	622,485.00	622,485.00		0.00
432-1-6	DC Cabling-Installation Support	**03OCT05***	*03OCT05**	**26APR06**	*26APR06*	***870***		0.00	29,992.80	29,992.80		0.00
433 - D-Site DC Systems												
433-1-2	DC Cabling-Dsn	**01OCT04***	*01OCT04**	**03JUN05**	*03JUN05*	***421***		0.00	73,961.60	73,961.60		0.00
433-1-4	DC Cabling-Procure	**07OCT05***	*07OCT05**	**31JAN06**	*31JAN06*	***259***		0.00	91,819.80	91,819.80		0.00
433-1-6	DC Cabling-Install	**03AUG06***	*03AUG06**	**02JAN07**	*02JAN07*	***130***		0.00	43,784.52	43,784.52		0.00
433-2-4.0	Design Isolation switch	**01MAR04***	*01MAR04**	**23APR04**	*23APR04*	***1,230***		0.00	6,710.60	6,710.60		0.00
433-2-4.1	Prep Spec and Requisition for Isolation Switch	**26APR04**	*26APR04*	**07JUN04**	*07JUN04*	***1,230***		0.00	6,710.60	6,710.60		0.00
433-2-4.2	Bid & Award Isolation Switch	**08JUN04**	*08JUN04*	**20JUL04**	*20JUL04*	***1,230***		0.00	0.00	0.00		0.00
433-2-4.3	Deliver Isolation Switch	**21JUL04**	*21JUL04*	**15SEP04**	*15SEP04*	***1,230***		0.00	115,934.00	115,934.00		0.00



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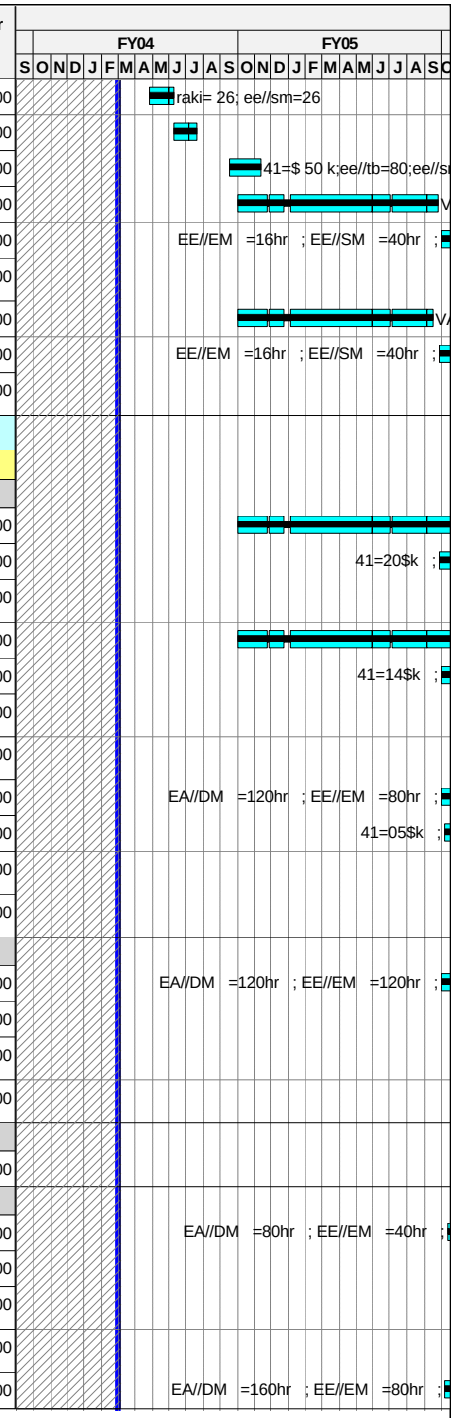
Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
433-2-4.4	Prep SOW and Requisition for IS installation	**26APR04**	*26APR04*	**07JUN04**	*07JUN04*	***1,270***		0.00	6,710.60	6,710.60		0.00
433-2-4.5	Bid & Award IS Installation	**08JUN04**	*08JUN04*	**20JUL04**	*20JUL04*	***1,270***		0.00	0.00	0.00		0.00
433-2-4.6	Install Isolation Switch	**16SEP04**	*16SEP04*	**10NOV04**	*10NOV04*	***1,230***		0.00	85,451.90	85,451.90		0.00
433-3-2	NSTX OH PS changes-Dsn	**01OCT04***	*01OCT04**	**26SEP05**	*26SEP05*	***119***		0.00	17,812.80	17,812.80		0.00
433-3-6	NSTX OH PS changes-Install	**03OCT05***	*03OCT05**	**22JUN06**	*22JUN06*	***115***		0.00	7,012.00	7,012.00		0.00
433-3-8	NSTX OH PS changes-Commission	**23JUN06**	*23JUN06*	**23JAN07**	*23JAN07*	***115***		0.00	3,562.22	3,562.22		0.00
433-4-2	NSTX TF Power Supply changes-Dsn	**01OCT04***	*01OCT04**	**15SEP05**	*15SEP05*	***126***		0.00	17,812.80	17,812.80		0.00
433-4-6	NSTX TF Power Supply changes-Install	**28SEP05***	*28SEP05**	**19JUN06**	*19JUN06*	***118***		0.00	7,010.04	7,010.04		0.00
433-4-8	NSTX TF Power Supply changes-Commission	**20JUN06**	*20JUN06*	**18JAN07**	*18JAN07*	***118***		0.00	3,556.68	3,556.68		0.00
44 - Control and protection Systems												
Job: 4401 - Control & Protection-RAMAKRISHNAN												
441 - Electrical Interlocks												
441-1-2	C-site-Dsn	**01OCT04***	*01OCT04**	**23FEB06**	*23FEB06*	***114***		0.00	120,616.10	120,616.10		0.00
441-1-4	C-site-Procure	**30SEP05***	*30SEP05**	**08MAY06**	*08MAY06*	***300***		0.00	26,046.06	26,046.06		0.00
441-1-6	C-site-Install	**24FEB06***	*24FEB06**	**07FEB07**	*07FEB07*	***114***		0.00	161,027.72	161,027.72		0.00
441-2-2	D-site-Dsn	**01OCT04***	*01OCT04**	**23FEB06**	*23FEB06*	***120***		0.00	65,417.43	65,417.43		0.00
441-2-4	D-site-Procure	**03OCT05***	*03OCT05**	**11JUL06**	*11JUL06*	***176***		0.00	18,217.80	18,217.80		0.00
441-2-6	D-site-Install	**24FEB06***	*24FEB06**	**27NOV06**	*27NOV06*	***120***		0.00	77,399.95	77,399.95		0.00
441-2-8	D-site-Commission	**31JUL06***	*31JUL06**	**30JAN07**	*30JAN07*	***120***		0.00	35,951.61	35,951.61		0.00
441-3-2	D-to-C-site-Dsn	**03OCT05***	*03OCT05**	**01FEB06**	*01FEB06*	***128***		0.00	25,800.00	25,800.00		0.00
441-3-4	D-to-C-site-Procure	**07OCT05***	*07OCT05**	**07JUL06**	*07JUL06*	***178***		0.00	6,525.00	6,525.00		0.00
441-3-6	D-to-C-site-Install	**02FEB06***	*02FEB06**	**13NOV06**	*13NOV06*	***128***		0.00	23,744.24	23,744.24		0.00
441-3-8	D-to-C-site-Commission	**19JUL06***	*19JUL06**	**18JAN07**	*18JAN07*	***128***		0.00	17,889.95	17,889.95		0.00
442 - Kirk Key Interlocks												
442-1-2	Kirk Keys-Dsn	**03OCT05***	*03OCT05**	**30NOV05**	*30NOV05*	***289***		0.00	32,100.00	32,100.00		0.00
442-1-4	Kirk Keys-Procure	**24OCT05***	*24OCT05**	**21JUL06**	*21JUL06*	***130***		0.00	13,050.00	13,050.00		0.00
442-1-6	Kirk Keys-Install	**24JUL06***	*24JUL06**	**26OCT06**	*26OCT06*	***130***		0.00	31,103.17	31,103.17		0.00
442-1-8	Kirk Keys-Commission	**27SEP06***	*27SEP06**	**02JAN07**	*02JAN07*	***130***		0.00	21,784.32	21,784.32		0.00
443 - Real Time Control Systems												
443-1-2	Develop Control Algorithms-Dsn	**21APR06***	*21APR06**	**09NOV06**	*09NOV06*	***130***		0.00	38,397.97	38,397.97		0.00
444 - Instrument Systems												
444-1-2	DC Current Transducers (DCCTs)-Dsn	**13OCT05***	*13OCT05**	**14APR06**	*14APR06*	***126***		0.00	15,100.00	15,100.00		0.00
444-1-4	DC Current Transducers (DCCTs)-Procure	**05DEC05***	*05DEC05**	**01AUG06**	*01AUG06*	***191***		0.00	46,980.00	46,980.00		0.00
444-1-6	DC Current Transducers (DCCTs)-Install	**17APR06***	*17APR06**	**01DEC06**	*01DEC06*	***126***		0.00	35,115.07	35,115.07		0.00
444-1-8	DC Current Transducers (DCCTs)-Commission	**08JUN06***	*08JUN06**	**08JAN07**	*08JAN07*	***126***		0.00	16,521.62	16,521.62		0.00
444-2-2	DC Potential Transducers (DCPTs)-Dsn	**07OCT05***	*07OCT05**	**28FEB06**	*28FEB06*	***119***		0.00	30,200.00	30,200.00		0.00



Run Date **12MAR04 09:00**

current schedule
xECP5 Baseline
Progress Bar
Critical Activity

0402

NCSX
ECP5 Baseline

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STATUS THROUGH
March 1, 2004

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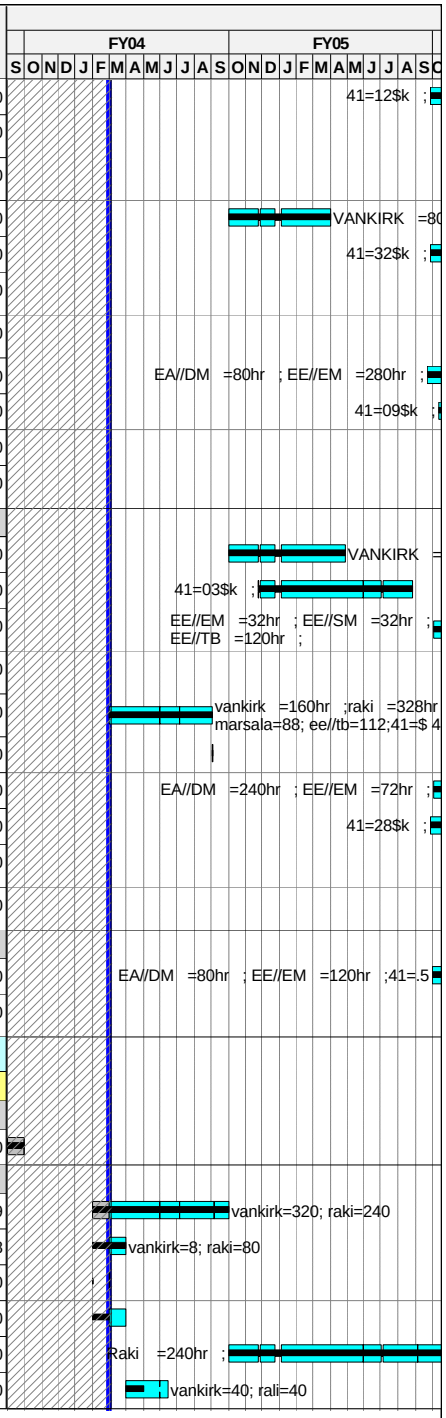
Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
444-2-4	DC Potential Transducers (DCPTs)-Procure	**30SEP05***	*30SEP05**	**31JUL06**	*31JUL06*	***192***		0.00	15,659.25	15,659.25		0.00
444-2-6	DC Potential Transducers (DCPTs)-Install	**01MAR06***	*01MAR06**	**12DEC06**	*12DEC06*	***119***		0.00	33,603.00	33,603.00		0.00
444-2-8	DC Potential Transducers (DCPTs)-Commission	**21JUL06***	*21JUL06**	**17JAN07**	*17JAN07*	***119***		0.00	16,697.40	16,697.40		0.00
444-3-2	DC Shunts-Dsn	**01OCT04***	*01OCT04**	**01APR05**	*01APR05*	***415***		0.00	14,844.00	14,844.00		0.00
444-3-4	DC Shunts-Procure	**29SEP05***	*29SEP05**	**22AUG06**	*22AUG06*	***176***		0.00	41,756.29	41,756.29		0.00
444-3-6	DC Shunts-Install	**20MAR06***	*20MAR06**	**20SEP06**	*20SEP06*	***176***		0.00	34,403.20	34,403.20		0.00
444-3-8	DC Shunts-Commission	**21SEP06***	*21SEP06**	**22DEC06**	*22DEC06*	***131***		0.00	17,077.81	17,077.81		0.00
444-4-2	Signal Conditioning & Cabling-Dsn	**23SEP05***	*23SEP05**	**20FEB06**	*20FEB06*	***195***		0.00	52,846.67	52,846.67		0.00
444-4-4	Signal Conditioning & Cabling-Procure	**13OCT05***	*13OCT05**	**17JUL06**	*17JUL06*	***135***		0.00	11,745.00	11,745.00		0.00
444-4-6	Signal Conditioning & Cabling-Install	**16MAY06***	*16MAY06**	**16NOV06**	*16NOV06*	***135***		0.00	29,050.34	29,050.34		0.00
444-4-8	Signal Conditioning & Cabling-Commission	**15SEP06***	*15SEP06**	**18DEC06**	*18DEC06*	***135***		0.00	21,559.32	21,559.32		0.00
445 - Coil Protection Systems												
445-1-2	Ground Fault Protection-Dsn	**01OCT04***	*01OCT04**	**29APR05**	*29APR05*	***282***		0.00	21,040.00	21,040.00		0.00
445-1-4	Ground Fault Protection-Procure	**24NOV04***	*24NOV04**	**26AUG05**	*26AUG05*	***199***		0.00	3,876.00	3,876.00		0.00
445-1-6	Ground Fault Protection-Install	**05OCT05***	*05OCT05**	**25AUG06**	*25AUG06*	***173***		0.00	18,137.60	18,137.60		0.00
445-1-8	Ground Fault Protection-Commission	**05OCT06***	*05OCT06**	**15JAN07**	*15JAN07*	***121***		0.00	12,028.80	12,028.80		0.00
445-2-0	Overload Protection & Cabling-Prelim Dsn	**01MAR04***	*01MAR04**	**01SEP04**	*01SEP04*	***1,279***		0.00	89,287.20	89,287.20		0.00
445-2-1	Overload Protection & Cabling-Peer Review	**02SEP04**	*02SEP04*	**01SEP04**	*01SEP04*	***1,279***		0.00	0.00	0.00		0.00
445-2-2	Overload Protection & Cabling-FinalDsn	**05OCT05***	*05OCT05**	**13JAN06**	*13JAN06*	***120***		0.00	37,740.00	37,740.00		0.00
445-2-4	Overload Protection & Cabling-Procure	**30SEP05***	*30SEP05**	**19APR06**	*19APR06*	***173***		0.00	36,537.32	36,537.32		0.00
445-2-6	Overload Protection & Cabling-Install	**16JAN06***	*16JAN06**	**05OCT06**	*05OCT06*	***120***		0.00	40,522.14	40,522.14		0.00
445-2-8	Overload Protection & Cabling-Commission	**09OCT06**	*09OCT06*	**17JAN07**	*17JAN07*	***119***		0.00	24,268.80	24,268.80		0.00
446 - Ground Fault Monitoing System												
446-1-2	GFMS-Dsn	**03OCT05***	*03OCT05**	**07JUL06**	*07JUL06*	***208***		0.00	34,652.50	34,652.50		0.00
446-1-4	GFMS-Procure/Fab/Install	**02OCT06***	*02OCT06**	**11APR07**	*11APR07*	***149***		0.00	132,370.40	132,370.40		0.00
45 - Power System Design and Integration												
Job: 4501 - Power Sys Dsn & Integr-RAMAKRISHNAN												
FY03 Actual Cost												
4501-001	Apr-Sept MIE Cost	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	112,340.00	112,340.00	112,340.00		0.00
451 - System Design & Interfaces												
4501-100	Design Drawings	**02FEB04***	*02FEB04A*	**30SEP04**	*30SEP04*	***1,259***	***5***	3,491.60	69,832.00	69,832.00		-4,675.89
4501-110	Calculations-Dsn	**02FEB04***	*01MAR04**	**31MAR04**	*31MAR04*	***1,387***		0.00	12,897.60	12,897.60		-5,998.88
451-0-1	C-Site Decision	**02FEB04**	*01MAR04*	**30JAN04***	*27FEB04**	***1,410***		0.00	0.00	0.00		0.00
451-0-2	Develop SRD	**02FEB04***	*01MAR04**	**01MAR04**	*29MAR04*	***1,389***		0.00	0.00	0.00		0.00
451-1-2	Calculations-Dsn	**01OCT04***	*01OCT04**	**29SEP06**	*29SEP06*	***761***		0.00	37,488.00	37,488.00		0.00
451-2-2	PDR Power system -Dsn	**01APR04***	*01APR04**	**30APR04**	*15JUN04*	***1,314***		0.00	10,236.00	10,236.00		0.00



Run Date **12MAR04 09:00**

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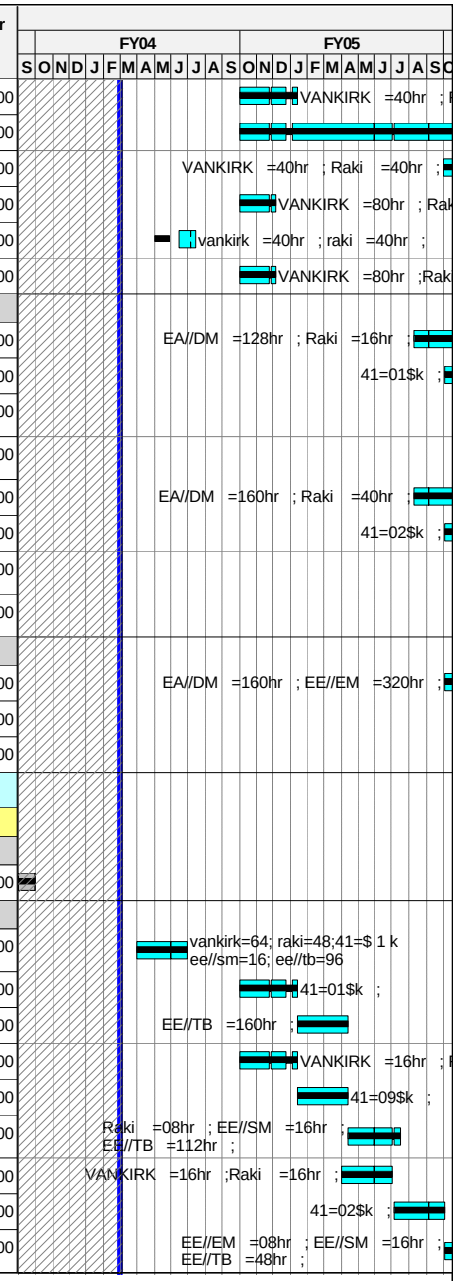
current schedule
xECP5 Baseline
Progress Bar
Critical Activity

0402

NCSX
ECP5 Baseline

STATUS THROUGH
March 1, 2004

Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
451-2-2.1	FDR Power system -Dsn	**01OCT04***	*01OCT04**	**12JAN05**	*12JAN05*	***1,194***		0.00	10,520.00	10,520.00		0.00
451-3-2	Drawings,changes,asbuilts -Elect Dsn Integration	**01OCT04***	*01OCT04**	**11OCT07**	*11OCT07*	***503***		0.00	275,076.00	275,076.00		0.00
451-4-2	FDR AC auxiliaries & grounding-Dsn	**03OCT05***	*03OCT05**	**06DEC05**	*06DEC05*	***965***		0.00	10,700.00	10,700.00		0.00
451-6-2	FDR C-Site -Dsn	**01OCT04***	*01OCT04**	**06DEC04**	*06DEC04*	***1,214***		0.00	21,040.00	21,040.00		0.00
451-7-2	FDR DC transmission-Dsn	**03MAY04***	*16JUN04**	**28MAY04**	*14JUL04*	***1,314***		0.00	10,236.00	10,236.00		0.00
451-8-2	FDR D-Site -Dsn	**01OCT04***	*01OCT04**	**06DEC04**	*06DEC04*	***1,214***		0.00	21,040.00	21,040.00		0.00
452 - Electrical Systems Support												
452-1-2	Diagnostics AC Power Distr-Dsn	**11AUG05***	*11AUG05**	**20JAN06**	*20JAN06*	***139***		0.00	16,505.06	16,505.06		0.00
452-1-4	Diagnostics AC Power Distr-Procure	**05OCT05***	*05OCT05**	**02OCT06**	*02OCT06*	***178***		0.00	1,305.19	1,305.19		0.00
452-1-6	Diagnostics AC Power Distr-Install	**23JAN06**	*23JAN06*	**28NOV06**	*28NOV06*	***139***		0.00	14,659.67	14,659.67		0.00
452-1-8	Diagnostics AC Power Distr-Commission	**23OCT06***	*23OCT06**	**31JAN07**	*31JAN07*	***139***		0.00	6,021.60	6,021.60		0.00
452-2-2	Diagnostics sensor cabling-Dsn	**11AUG05***	*11AUG05**	**05JAN06**	*05JAN06*	***237***		0.00	23,748.58	23,748.58		0.00
452-2-4	Diagnostics sensor cabling-Procure	**05OCT05***	*05OCT05**	**20SEP06**	*20SEP06*	***186***		0.00	2,610.00	2,610.00		0.00
452-2-6	Diagnostics sensor cabling-Install	**30MAY06***	*30MAY06**	**01DEC06**	*01DEC06*	***136***		0.00	20,556.31	20,556.31		0.00
452-2-8	Diagnostics sensor cabling-Commission	**26OCT06***	*26OCT06**	**05FEB07**	*05FEB07*	***136***		0.00	6,021.60	6,021.60		0.00
453 - System Testing (PTP's)												
453-1-2	New Procedures	**06OCT05***	*06OCT05**	**20FEB06**	*20FEB06*	***215***		0.00	68,000.00	68,000.00		0.00
453-1-4	Preop Testing-Procure test equipt	**10JUL06***	*10JUL06**	**01MAR07**	*01MAR07*	***118***		0.00	33,366.72	33,366.72		0.00
453-1-8	Testing PTPs, ISTPs	**09OCT06***	*09OCT06**	**07MAR07**	*07MAR07*	***114***		0.00	90,618.40	90,618.40		0.00
46 - FCPC Building Modifications												
Job: 4601 - FCPC Bldg Mods-RAMAKRISHNAN												
FY03 Actual Cost												
4601-001	Apr-Sept MIE Cost	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	1,300.00	1,300.00	1,300.00		0.00
4601-100	Clear area in West wing SPS to HVAC equipt	**01APR04***	*01APR04**	**30JUN04**	*30JUN04*	***1,323***		0.00	24,226.00	24,226.00		0.00
460-2-4	Clear the small Vacuum prep lab -Procure	**01OCT04***	*01OCT04**	**12JAN05**	*12JAN05*	***1,129***		0.00	646.00	646.00		0.00
460-2-6	Clear the small Vacuum prep lab -Install	**13JAN05**	*13JAN05*	**13APR05**	*13APR05*	***1,129***		0.00	12,464.00	12,464.00		0.00
460-3-2	Floor & Wall Penetrations-Dsn	**01OCT04***	*01OCT04**	**12JAN05**	*12JAN05*	***392***		0.00	2,968.80	2,968.80		0.00
460-3-4	Floor & Wall Penetrations-Procure	**13JAN05**	*13JAN05*	**13APR05**	*13APR05*	***392***		0.00	11,628.00	11,628.00		0.00
460-3-6	Floor & Wall Penetrations-Install	**14APR05**	*14APR05*	**15JUL05**	*15JUL05*	***392***		0.00	11,730.40	11,730.40		0.00
460-4-2	Mechanical Modifications-Dsn	**01APR05***	*01APR05**	**01JUL05**	*01JUL05*	***271***		0.00	4,208.00	4,208.00		0.00
460-4-4	Mechanical Modifications-Procure	**05JUL05**	*05JUL05*	**04OCT05**	*04OCT05*	***271***		0.00	2,584.80	2,584.80		0.00
460-4-6	Mechanical Modifications-Install	**05OCT05**	*05OCT05*	**13JAN06**	*13JAN06*	***271***		0.00	6,858.40	6,858.40		0.00



Run Date **12MAR04 09:00**

current schedule
xECP5 Baseline
Progress Bar
Critical Activity

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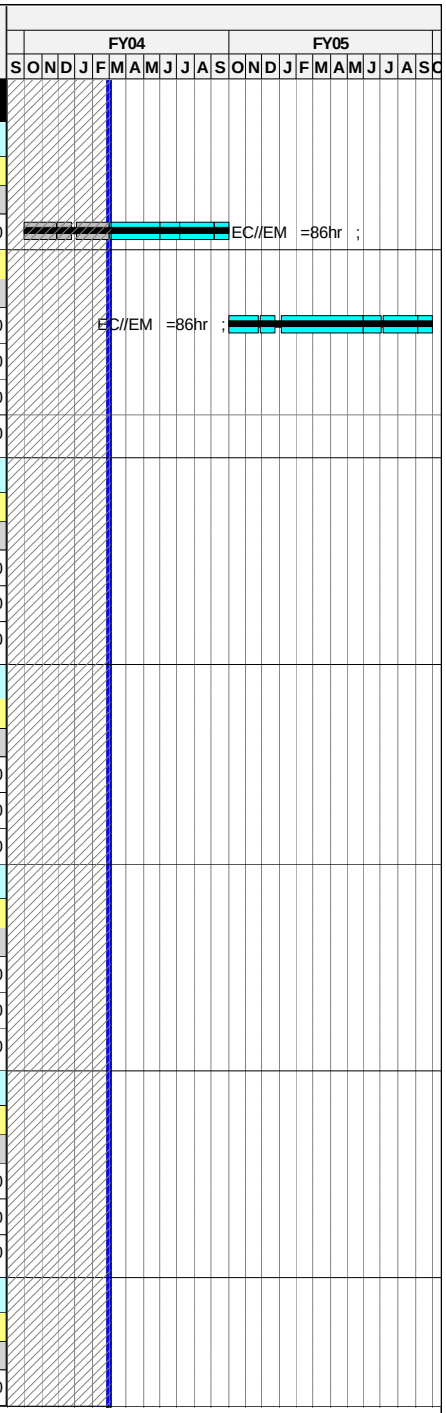
0402

NCSX
ECP5 Baseline

STATUS THROUGH
March 1, 2004

Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
5 - Central I&C Systems												
51 - TCP/IP Infrastructure Systems												
Job: 5801 -Central I&C Integr & Oversight-OLIARO												
51-01	FY04 LOE support	**01OCT03A**	*01OCT03A*	**30SEP04**	*30SEP04*	***1,259***	***LOE***	4,951.74	12,504.40	12,504.40		0.00
51-02	FY05 LOE support	**01OCT04***	*01OCT04**	**30SEP05**	*30SEP05*	***1,010***		0.00	12,848.40	12,848.40		0.00
51-10	Preliminary Design (Title I)	**21AUG06***	*21AUG06**	**23OCT06**	*23OCT06*	***123***		0.00	6,246.40	6,246.40		0.00
51-20	Final Network Design (Title II)	**24OCT06**	*24OCT06*	**20NOV06**	*20NOV06*	***123***		0.00	6,548.00	6,548.00		0.00
51-30	Installation, Testing, Documentation (Title III)	**21NOV06***	*21NOV06**	**17MAY07**	*17MAY07*	***123***		0.00	390,879.60	390,879.60		0.00
52 - Central Instrumentation & Control												
52-10	Preliminary Design (Title I)	**06MAR06***	*06MAR06**	**05MAY06**	*05MAY06*	***121***		0.00	24,320.00	24,320.00		0.00
52-20	Final Design (Title II)	**08MAY06**	*08MAY06*	**08SEP06**	*08SEP06*	***121***		0.00	97,280.00	97,280.00		0.00
52-30	Installation, Testing, Documentation (Title III)	**11SEP06***	*11SEP06**	**21MAY07**	*21MAY07*	***121***		0.00	456,439.69	456,439.69		0.00
53 - Data Acquisition & Facility Computing												
53-10	Preliminary Design (Title I)	**08MAR06***	*08MAR06**	**09MAY06**	*09MAY06*	***119***		0.00	48,640.00	48,640.00		0.00
53-20	Final Design (Title II)	**10MAY06**	*10MAY06*	**12SEP06**	*12SEP06*	***119***		0.00	72,960.00	72,960.00		0.00
53-30	Coding, Configuration, Testing (Title III)	**13SEP06***	*13SEP06**	**23MAY07**	*23MAY07*	***119***		0.00	286,217.26	286,217.26		0.00
54 - Facility Timing & Synchronization												
54-10	Preliminary Design (Title I)	**01JUN06***	*01JUN06**	**03AUG06**	*03AUG06*	***119***		0.00	36,480.00	36,480.00		0.00
54-20	Final Design (Title II)	**04AUG06**	*04AUG06*	**03NOV06**	*03NOV06*	***119***		0.00	56,340.00	56,340.00		0.00
54-30	Installation, Testing, Documentation (Title III)	**06NOV06**	*06NOV06*	**23MAY07**	*23MAY07*	***119***		0.00	259,211.60	259,211.60		0.00
55 - Real Time Plasma & Power Supply Control Sys												
55-10	Preliminary Design (Title I)	**01AUG06***	*01AUG06**	**03OCT06**	*03OCT06*	***137***		0.00	12,201.60	12,201.60		0.00
55-20	Final Design (Title II)	**04OCT06**	*04OCT06*	**31OCT06**	*31OCT06*	***137***		0.00	13,096.00	13,096.00		0.00
55-30	Installation, Testing, Documentation (Title III)	**10NOV06**	*10NOV06*	**08MAY07**	*08MAY07*	***130***		0.00	267,982.40	267,982.40		0.00
56 - Central Safety Interlock Systems												
56-10	Preliminary Design (Title I)	**15MAY06***	*15MAY06**	**15SEP06**	*15SEP06*	***136***		0.00	24,320.00	24,320.00		0.00



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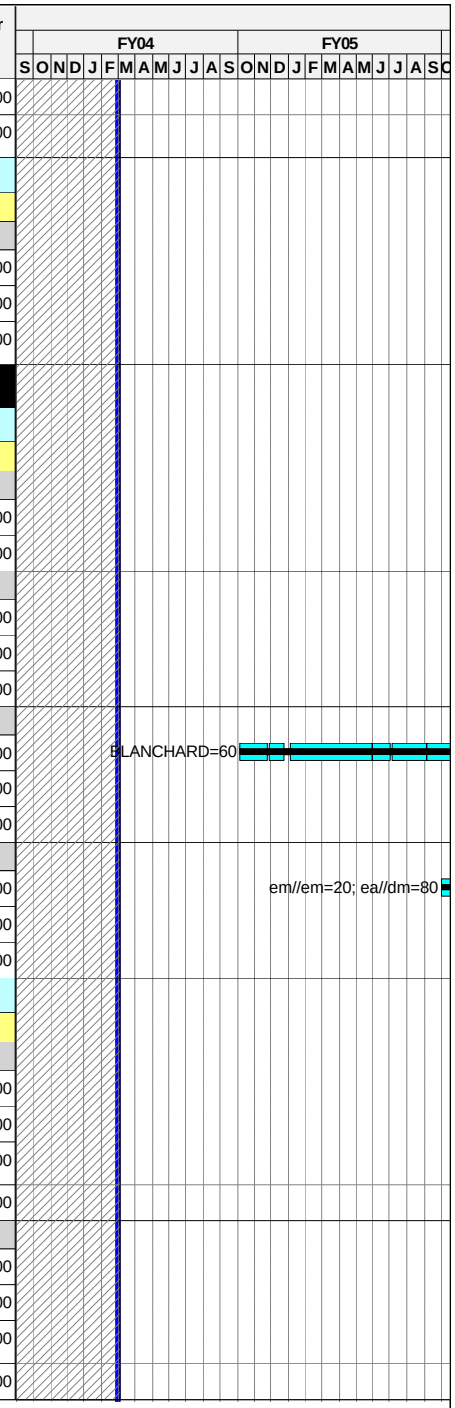
Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
56-20	Final Design (Title II)	**18SEP06**	*18SEP06*	**17NOV06**	*17NOV06*	***136***		0.00	25,776.00	25,776.00		0.00
56-30	Installation, Testing, Documentation (Title III)	**20NOV06**	*20NOV06*	**30APR07**	*30APR07*	***136***		0.00	349,830.00	349,830.00		0.00
57 - Control Room Facility												
57-10	Preliminary Design (Title I)	**01SEP06***	*01SEP06**	**03NOV06**	*03NOV06*	***147***		0.00	12,680.00	12,680.00		0.00
57-20	Final Design (Title II)	**06NOV06**	*06NOV06*	**05DEC06**	*05DEC06*	***147***		0.00	13,096.00	13,096.00		0.00
57-30	Installation, Testing, Documentation (Title III)	**06DEC06**	*06DEC06*	**13APR07**	*13APR07*	***147***		0.00	93,938.00	93,938.00		0.00
6 - Facility Systems												
61 - Water Systems												
611 - C-Site Cooling System												
615.011	Engr recommissioning of C-Site Water systems	**03JUL06***	*03JUL06**	**01SEP06**	*01SEP06*	***160***		0.00	9,796.20	9,796.20		0.00
615.021	Replace valves, resins, filters	**06OCT06***	*06OCT06**	**16JAN07**	*16JAN07*	***137***		0.00	143,473.60	143,473.60		0.00
612 - NB Water Cooling Systems												
622.001	WBS 612 Preliminary design	**30MAY06***	*30MAY06**	**19SEP06**	*19SEP06*	***147***		0.00	35,824.00	35,824.00		0.00
622.011	WBS 612 Final Design	**20SEP06**	*20SEP06*	**14DEC06**	*14DEC06*	***147***		0.00	23,802.66	23,802.66		0.00
622.021	WBS 612 Assembly/Fabrication/Installation	**26JAN07***	*26JAN07**	**17MAY07**	*17MAY07*	***123***		0.00	180,299.92	180,299.92		0.00
613 - Vacuum Pumping System												
623.010	LOE WBS 612	**06OCT04***	*06OCT04**	**31MAY06**	*31MAY06*	***846***		0.00	10,033.20	10,033.20		0.00
623.011	Design WBS 612	**01JUN06***	*01JUN06**	**15NOV06**	*15NOV06*	***133***		0.00	22,793.02	22,793.02		0.00
632.021	WBS 612 Assembly/Fabrication/Installation	**13DEC06***	*13DEC06**	**14FEB07**	*14FEB07*	***116***		0.00	67,180.00	67,180.00		0.00
614 - Bakeout Water System												
625.001	WBS 614 Preliminary design	**03OCT05***	*03OCT05**	**23DEC05**	*23DEC05*	***368***		0.00	12,178.00	12,178.00		0.00
625.011	WBS 614 Final Design	**03JAN06**	*03JAN06*	**29MAR06**	*29MAR06*	***368***		0.00	12,178.00	12,178.00		0.00
625.021	WBS 614 Assembly/Fabrication	**26MAR07**	*26MAR07*	**18MAY07**	*18MAY07*	***122***		0.00	14,153.80	14,153.80		0.00
62 - Cryogenic Systems												
621 - LN2-LHe Supply System												
631-001	Preliminary Design	**19MAY06***	*19MAY06**	**21AUG06**	*21AUG06*	***137***		0.00	15,032.10	15,032.10		0.00
631-010	Final Design	**22AUG06**	*22AUG06*	**21NOV06**	*21NOV06*	***137***		0.00	35,902.27	35,902.27		0.00
631-015	Fab/Assy/Installation	**08FEB07***	*08FEB07**	**09MAY07**	*09MAY07*	***129***		0.00	82,963.10	82,963.10		0.00
631-020	Procurement	**06DEC06***	*06DEC06**	**16APR07**	*16APR07*	***129***		0.00	118,976.00	118,976.00		0.00
622 - LN2 Coil Cooling Supply												
632-001	Preliminary Design	**15MAY06***	*15MAY06**	**15AUG06**	*15AUG06*	***116***		0.00	15,032.10	15,032.10		0.00
632-010	Final Design	**16AUG06**	*16AUG06*	**15NOV06**	*15NOV06*	***116***		0.00	29,337.35	29,337.35		0.00
632-015	Fab/Assy/Installation	**18DEC06***	*18DEC06**	**29MAY07**	*29MAY07*	***116***		0.00	114,018.60	114,018.60		0.00
632-020	Procurement	**16NOV06***	*16NOV06**	**29MAY07**	*29MAY07*	***116***		0.00	116,001.60	116,001.60		0.00



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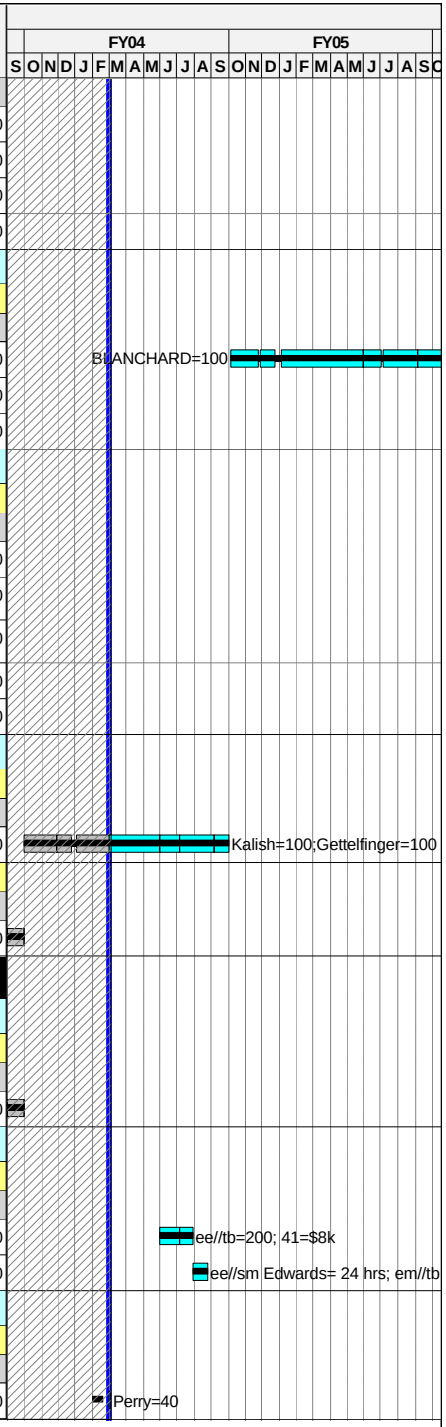
Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
623 - GN2 Cryostat Cooling System												
633-001	Preliminary Design	**12APR06***	*12APR06**	**13JUL06**	*13JUL06*	***139***		0.00	15,032.10	15,032.10		0.00
633-010	Final Design	**14JUL06**	*14JUL06*	**13OCT06**	*13OCT06*	***139***		0.00	24,114.72	24,114.72		0.00
633-015	Fab/Assy/Installation	**11JAN07***	*11JAN07**	**14MAY07**	*14MAY07*	***126***		0.00	72,933.10	72,933.10		0.00
633-020	Procurement	**02NOV06***	*02NOV06**	**14MAY07**	*14MAY07*	***126***		0.00	108,092.40	108,092.40		0.00
63 - Utility Systems												
640.010	FY04/05 LOE support	**06OCT04***	*06OCT04**	**21SEP06**	*21SEP06*	***767***		0.00	16,749.14	16,749.14		0.00
640.011	Design GN2, Air & Vent Systems	**26MAY06***	*26MAY06**	**09NOV06**	*09NOV06*	***150***		0.00	31,706.87	31,706.87		0.00
640.021	Assembly/Fabrication	**19DEC06***	*19DEC06**	**20FEB07**	*20FEB07*	***125***		0.00	72,413.80	72,413.80		0.00
64 - PFC/VV Heating & Cooling												
650.001	Preliminary Design	**26MAY06***	*26MAY06**	**07AUG06**	*07AUG06*	***122***		0.00	40,172.00	40,172.00		0.00
650.005	Final Design	**08AUG06**	*08AUG06*	**07NOV06**	*07NOV06*	***122***		0.00	118,749.29	118,749.29		0.00
650.010	Lab Fab/Assy/Installation	**08NOV06***	*08NOV06**	**18MAY07**	*18MAY07*	***122***		0.00	286,477.00	286,477.00		0.00
650.012	Procured Hardware/Material	**08NOV06***	*08NOV06**	**18MAY07**	*18MAY07*	***122***		0.00	172,650.40	172,650.40		0.00
650.015	Procured Installation/Assy	**21MAR07***	*21MAR07**	**18MAY07**	*18MAY07*	***122***		0.00	10,816.00	10,816.00		0.00
65 - Facility Systems Integration												
Job: 6163 - Facility Systems Support FY04												
65-03	LOE WBS 6	**01OCT03A**	*01OCT03A*	**30SEP04**	*30SEP04*	***1,259***	***LOE***	12,759.12	32,220.00	32,220.00		0.00
Job: 6501 - Facility Systems Integration-DUDEK												
FY03 Actual Cost												
6501-001	Apr-Sept MIE Cost PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	9,380.00	9,380.00	9,380.00		0.00
7 - Test Cell Preparation and Machine Assy												
71 - Shield Wall Seismic Modifications												
Job: 7101 - Shield Wall Modif Design-PERRY												
FY03 Actual Cost												
7101-000	Apr-Sept MIE Cost PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	32,150.00	32,150.00	32,150.00		0.00
72 - Control Room Refurbishment												
Job: 7201 - Control Room Walls&Floors-PERRY												
710.001	Block Wall east side control room	**01JUN04***	*01JUN04**	**28JUL04**	*28JUL04*	***1,284***		0.00	39,512.00	39,512.00		0.00
711B.050	Complete Control Room Flooring	**29JUL04**	*29JUL04*	**25AUG04**	*25AUG04*	***1,284***	***85***	0.00	8,107.20	8,107.20		0.00
73 - Platform Design & Fabrication												
Job: 7301 - Platform Design & Fab-PERRY												
712.008	Update Platform Specification	**02FEB04***	*01MAR04**	**17FEB04**	*02MAR04*	***1,344***		0.00	6,460.00	6,460.00		-6,460.00



Run Date 12MAR04 09:00

current schedule
xECP5 Baseline
Progress Bar
Critical Activity

0402

NCSX
ECP5 Baseline

STATUS THROUGH
March 1, 2004

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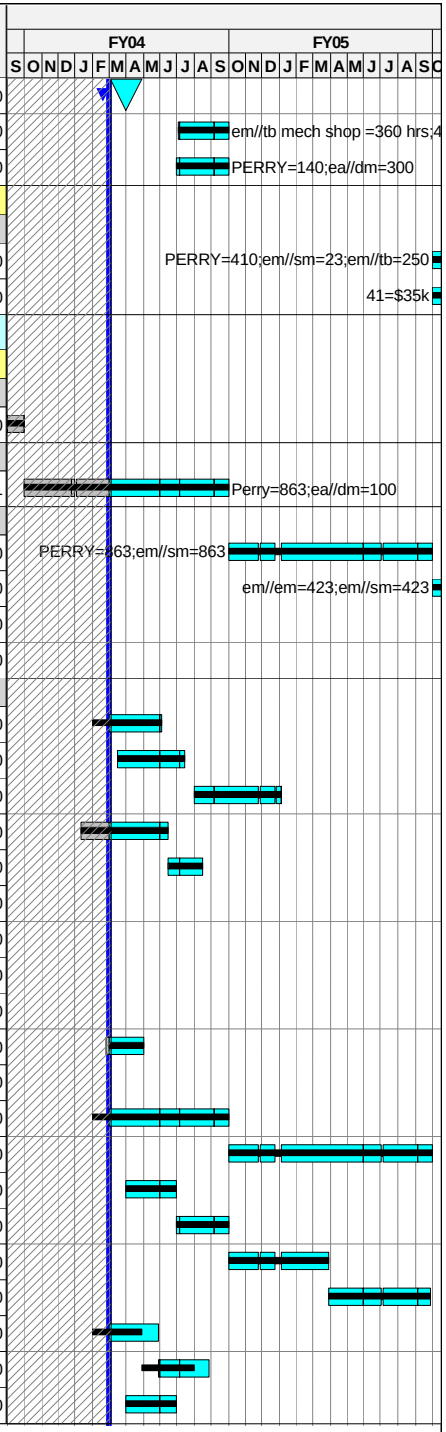
Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
712.009	Platform PDR			**17FEB04***	*31MAR04**	***1,323***		0.00	0.00	0.00		0.00
711A.040	Platform nut plates	**02JUL04***	*02JUL04**	**30SEP04**	*30SEP04*	***1,259***	***75***	0.00	28,922.00	28,922.00		0.00
712.010	Final Design	**01JUL04***	*01JUL04**	**30SEP04**	*30SEP04*	***1,283***		0.00	54,170.00	54,170.00		0.00
Job: 7401 - TC Prep & Mach Assy Planning-PERRY												
712.020	Fab & Assemble Platform	**03OCT05***	*03OCT05**	**10APR06**	*10APR06*	***212***		0.00	24,296.30	24,296.30		0.00
712.030	Miscs Hardware/Material	**03OCT05***	*03OCT05**	**10APR06**	*10APR06*	***896***		0.00	45,675.00	45,675.00		0.00
74 - Machine Assembly Planning and Oversight												
Job: 7401 - TC Prep & Mach Assy Planning-PERRY												
FY03 Actual Cost												
7401-001	Apr-Sept MIE Cost PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	131,680.00	131,680.00	131,680.00		0.00
Oversight and Supervision												
711A.020	LOE FY04	**01OCT03A**	*01OCT03A*	**30SEP04**	*30SEP04*	***1,283***	***LOE***	61,456.75	149,894.50	149,894.50		-23.41
Project Scope												
714.010	LOE FY05	**01OCT04***	*01OCT04**	**30SEP05**	*30SEP05*	***522***		0.00	236,807.20	236,807.20		0.00
714.020	LOE FY06 prior to assy starting	**03OCT05**	*03OCT05*	**31MAR06**	*31MAR06*	***522***		0.00	118,111.86	118,111.86		0.00
714.030	LOE FY07 thru first plasma	**03APR06**	*03APR06*	**14SEP07**	*14SEP07*	***522***		0.00	542,474.94	542,474.94		0.00
714.031	WBS 7 mgt stretch out cost	**11SEP07***	*11SEP07**	**30MAY08**	*30MAY08*	***346***		0.00	287,396.72	287,396.72		0.00
FED/Infrastructure Support (non Project cost)												
613.010	Remove Shield Walls ** GPP **	**02FEB04***	*01MAR04**	**01JUN04**	*01JUN04*	***1,368***		0.00	0.00	0.00		0.00
613.015	Fabricate New Bottom Course of Blocks **GPP**	**15MAR04***	*15MAR04**	**15JUL04**	*15JUL04*	***1,337***		0.00	0.00	0.00		0.00
613.017	Install New Bottom Course **GPP**	**02AUG04***	*02AUG04**	**04JAN05**	*04JAN05*	***1,219***		0.00	0.00	0.00		0.00
613.020	Remove south PLT shielding (cc 7230)	**12JAN04A**	*12JAN04A*	**15JUN04**	*15JUN04*	***1,358***		0.00	0.00	0.00		0.00
613.025	Dispose of old south PLT shielding **GPP**	**15JUN04***	*15JUN04**	**16AUG04**	*16AUG04*	***1,315***		0.00	0.00	0.00		0.00
EXFAC003	Clear PBX control room & Safe PBX (cc7230)	**27JAN03A**	*27JAN03A*	**30JUN03A**	*30JUN03A*		***100***	0.00	0.00	0.00		0.00
EXFAC004	Remove Fire protection PLT wall (cc7230)	**01MAY03A**	*01MAY03A*	**09MAY03A**	*09MAY03A*		***100***	0.00	0.00	0.00		0.00
EXFAC005	Remove Fire Protection under platform (cc7230)	**01APR03A**	*01APR03A*	**30APR03A**	*30APR03A*		***100***	0.00	0.00	0.00		0.00
EXFAC006	Remove Fire Protection Control rm walls(cc7230)	**01MAY03A**	*01MAY03A*	**09MAY03A**	*09MAY03A*		***100***	0.00	0.00	0.00		0.00
EXFAC007	Remove PBX Base Plates cc7230)	**01MAR04***	*25FEB04A*	**30APR04**	*30APR04*	***1,174***	***100***	0.00	0.00	0.00		0.00
GPP001	GPP-Upgarde C-Site central chilled wtr plant*TBD	**01OCT02A**	*01OCT02A*	**01OCT02A**	*01OCT02A*			0.00	0.00	0.00		0.00
GPP004	GPP-Roofing Design	**02FEB04***	*01MAR04**	**30SEP04**	*30SEP04*	***1,010***		0.00	0.00	0.00		0.00
GPP004.1	GPP-Roofing Install	**01OCT04***	*01OCT04**	**30SEP05**	*30SEP05*	***1,010***		0.00	0.00	0.00		0.00
GPP005	GPP-Test Cell lighting Design	**01APR04***	*01APR04**	**30JUN04**	*30JUN04*	***1,259***		0.00	0.00	0.00		0.00
GPP005.1	GPP-Test Cell lighting Install	**01JUL04**	*01JUL04*	**30SEP04**	*30SEP04*	***1,259***		0.00	0.00	0.00		0.00
GPP006	GPP-Test Cell HVAC/dew point control Design	**01OCT04***	*01OCT04**	**30MAR05**	*30MAR05*	***1,011***		0.00	0.00	0.00		0.00
GPP006.1	GPP-Test Cell HVAC/dew point control Install	**31MAR05**	*31MAR05*	**29SEP05**	*29SEP05*	***1,011***		0.00	0.00	0.00		0.00
GPP007	GPP-C-Site elevators Design	**02FEB04***	*01MAR04**	**29APR04**	*27MAY04*	***1,282***		0.00	0.00	0.00		0.00
GPP007.1	GPP-C-Site elevators Install	**30APR04**	*28MAY04*	**30JUL04**	*27AUG04*	***1,282***		0.00	0.00	0.00		0.00
GPP008	GPP-Fire suppression high bay design	**01APR04***	*01APR04**	**30JUN04**	*30JUN04*	***1,259***		0.00	0.00	0.00		0.00



Run Date 12MAR04 09:00

current schedule
xECP5 Baseline
Progress Bar
Critical Activity

0402

NCSX
ECP5 Baseline

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STATUS THROUGH
March 1, 2004

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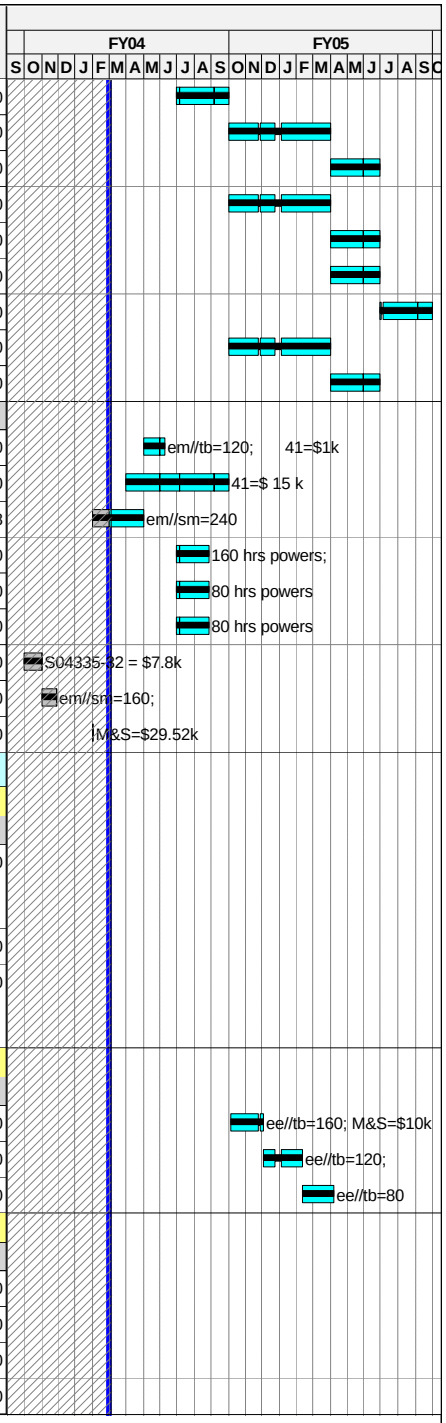
Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
GPP008.1	GPP-Fire suppression high bay install	**01JUL04**	*01JUL04*	**30SEP04**	*30SEP04*	***1,259***		0.00	0.00	0.00		0.00
GPP009	Control Room Lights & Outlets design	**01OCT04***	*01OCT04**	**31MAR05**	*31MAR05*	***1,010***		0.00	0.00	0.00		0.00
GPP009.1	Control Room Lights & Outlets install	**01APR05**	*01APR05*	**30JUN05**	*30JUN05*	***1,010***		0.00	0.00	0.00		0.00
GPP010	Control Room HVAC Design	**01OCT04***	*01OCT04**	**31MAR05**	*31MAR05*	***1,010***		0.00	0.00	0.00		0.00
GPP010.1	Control Room HVAC Install	**01APR05**	*01APR05*	**30JUN05**	*30JUN05*	***1,010***		0.00	0.00	0.00		0.00
GPP011	Control Room Ceiling Design	**01APR05***	*01APR05**	**30JUN05**	*30JUN05*	***1,010***		0.00	0.00	0.00		0.00
GPP011.1	Control Room Ceiling Install	**01JUL05**	*01JUL05*	**30SEP05**	*30SEP05*	***1,010***		0.00	0.00	0.00		0.00
GPP012	Control Rm Fire Detection & Suppression	**01OCT04***	*01OCT04**	**31MAR05**	*31MAR05*	***1,010***		0.00	0.00	0.00		0.00
GPP012.1	Control RmFire Detection & Suppression Install	**01APR05**	*01APR05*	**30JUN05**	*30JUN05*	***1,010***		0.00	0.00	0.00		0.00
Test Cell Modifications & Upgrades												
613.030	Test Cell copper ground plane cuts	**03MAY04***	*03MAY04**	**07JUN04**	*07JUN04*	***1,198***		0.00	10,490.00	10,490.00		0.00
713.010	General procurements	**01APR04***	*01APR04**	**30SEP04**	*30SEP04*	***1,283***		0.00	19,110.00	19,110.00		0.00
7502-000	Outlet Design	**02FEB04***	*02FEB04A*	**30APR04**	*30APR04*	***1,199***		7,783.78	25,272.00	25,272.00		7.78
7502-001	Test Cell 110v outlets	**01JUL04***	*01JUL04**	**26AUG04**	*26AUG04*	***1,283***		0.00	14,268.80	14,268.80		0.00
7502-002	Test Cell 208v outlets	**01JUL04***	*01JUL04**	**26AUG04**	*26AUG04*	***1,283***		0.00	7,134.40	7,134.40		0.00
7502-010	Ready Rooms (under control room) 110v outlets	**01JUL04***	*01JUL04**	**26AUG04**	*26AUG04*	***1,157***		0.00	7,134.40	7,134.40		0.00
7502-011	Cable Removal in test cell (S04335-32)	**01OCT03A**	*01OCT03A*	**31OCT03A**	*31OCT03A*		***100***	9,937.20	9,937.20	9,937.20		0.00
7502-025	TC Floor penetration covers	**03NOV03A**	*03NOV03A*	**26NOV03A**	*26NOV03A*		***100***	16,848.00	16,848.00	16,848.00		0.00
EXFAC001.2	Complete Crane Modifications (S04354)	**02FEB04A**	*02FEB04A*	**30JAN04A**	*30JAN04A*		***100***	37,608.48	37,608.48	37,608.48		0.00
75 - Test Cell and Basement Assembly Operations												
7501 - Construction Support Crew												
7501-05	Construction Support Crew during machine assy	**05JAN06**	*05JAN06*	**04JUN07**	*04JUN07*	***112***		0.00	794,815.37	794,815.37		0.00
7501-06	Construction Support Crew during e-beam	**22AUG07**	*22AUG07*	**18OCT07**	*18OCT07*	***498***		0.00	94,025.50	94,025.50		0.00
7501-07	Construction Support Crew during cryostat instl	**05OCT07**	*05OCT07*	**03DEC07**	*03DEC07*	***468***		0.00	92,837.72	92,837.72		0.00
7502 - Test Cell Facility Preparations												
7502-020	Resurface TC floor	**04OCT04***	*04OCT04**	**02DEC04**	*02DEC04*	***1,132***		0.00	30,248.00	30,248.00		0.00
7502-030	TC Floor firesealing	**03DEC04***	*03DEC04**	**09FEB05**	*09FEB05*	***1,132***		0.00	12,996.00	12,996.00		0.00
7502-035	Control room firesealing	**10FEB05***	*10FEB05**	**08APR05**	*08APR05*	***1,132***		0.00	8,664.00	8,664.00		0.00
7503 - Machine Assembly												
730.1000	Begin Assembly Activities	**18JUL06***	*18JUL06**			***124***		0.00	0.00	0.00		0.00
730.1020	Install & Level Support Base Plates	**18JUL06**	*18JUL06*	**07AUG06**	*07AUG06*	***124***		0.00	34,504.00	34,504.00		0.00
730.1030	Install/Level Machine Support Columns	**08AUG06**	*08AUG06*	**12SEP06**	*12SEP06*	***124***		0.00	51,756.00	51,756.00		0.00
730.1040	Install Platform	**13SEP06**	*13SEP06*	**30NOV06**	*30NOV06*	***124***		0.00	231,277.87	231,277.87		0.00



Run Date **12MAR04 09:00**

current schedule
xECP5 Baseline
Progress Bar
Critical Activity

0402

NCSX
ECP5 Baseline

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STATUS THROUGH
March 1, 2004

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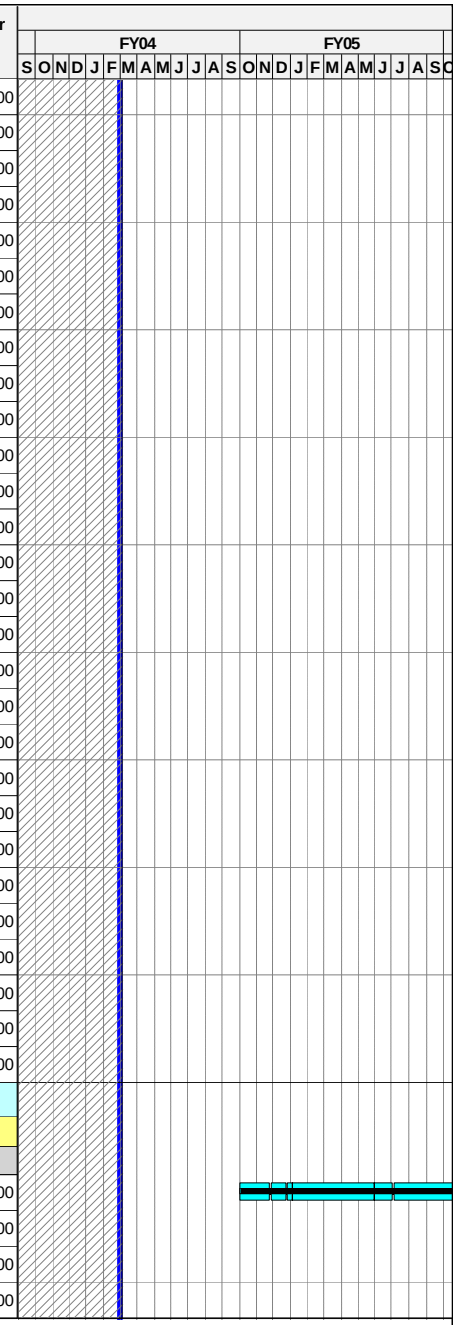
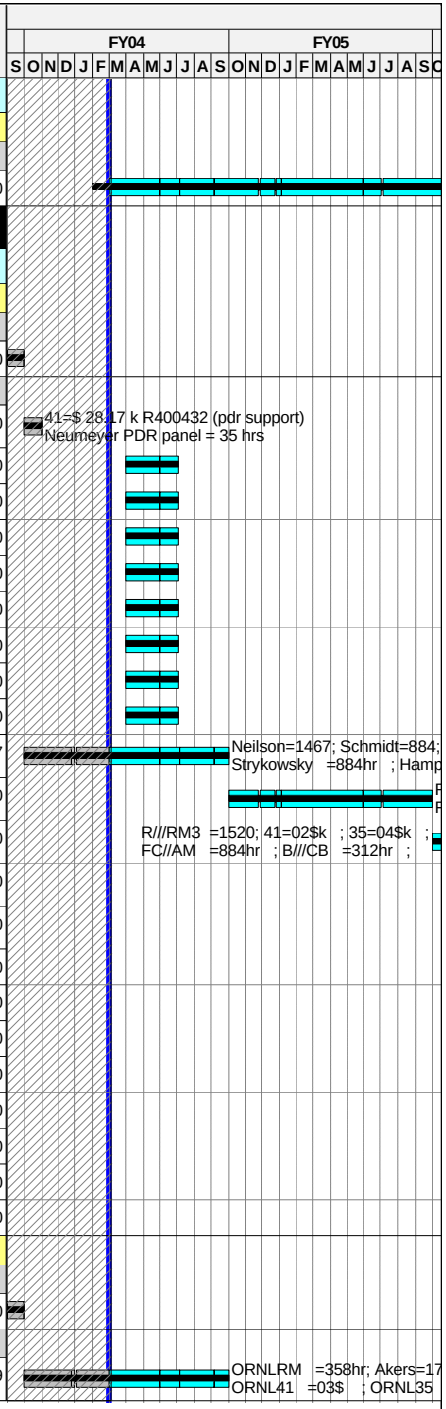
Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
730.1050	Install Lighting,Fire Det/Supprs under platform	**01DEC06**	*01DEC06*	**24JUL07**	*24JUL07*	***559***		0.00	70,761.60	70,761.60		0.00
730.1060	Install Lower Cryostat Floor	**27SEP06**	*27SEP06*	**03OCT06**	*03OCT06*	***124***		0.00	17,784.80	17,784.80		0.00
730.1070	Install Lower PF 3,4,5&6 into prelim position	**04OCT06**	*04OCT06*	**10OCT06**	*10OCT06*	***124***		0.00	18,584.00	18,584.00		0.00
730.1081	1st Field Period Assembly-Position	**11OCT06**	*11OCT06*	**18OCT06**	*18OCT06*	***124***		0.00	22,300.80	22,300.80		0.00
730.1081X	*******PBR add1st Field Period	**19OCT06**	*19OCT06*	**26OCT06**	*26OCT06*	***124***		0.00	22,300.80	22,300.80		0.00
730.1082	1st Field Period Assembly-Weld	**27OCT06**	*27OCT06*	**01NOV06**	*01NOV06*	***124***		0.00	14,867.20	14,867.20		0.00
730.1083	1st Field Period Assembly-Leak Check	**02NOV06**	*02NOV06*	**08NOV06**	*08NOV06*	***124***		0.00	18,584.00	18,584.00		0.00
730.1091	2nd Field Period Assembly-Position	**09NOV06**	*09NOV06*	**16NOV06**	*16NOV06*	***124***		0.00	22,300.80	22,300.80		0.00
730.1091X	*****PBR add2nd Field Period Assembly-Position	**17NOV06**	*17NOV06*	**28NOV06**	*28NOV06*	***124***		0.00	22,300.80	22,300.80		0.00
730.1092	2nd Field Period Assembly-Weld	**29NOV06**	*29NOV06*	**04DEC06**	*04DEC06*	***124***		0.00	14,867.20	14,867.20		0.00
730.1093	2nd Field Period Assembly-Leak Check	**05DEC06**	*05DEC06*	**11DEC06**	*11DEC06*	***124***		0.00	18,584.00	18,584.00		0.00
730.1101	3rd Field Period Assembly-Position	**05JAN07**	*05JAN07*	**22JAN07**	*22JAN07*	***112***		0.00	44,601.60	44,601.60		0.00
730.1101X	********pbr adrd Field Period Assembly-Position	**23JAN07**	*23JAN07*	**07FEB07**	*07FEB07*	***112***		0.00	44,601.60	44,601.60		0.00
730.1102	3rd Field Period Assembly-Weld	**08FEB07**	*08FEB07*	**13FEB07**	*13FEB07*	***112***		0.00	14,867.20	14,867.20		0.00
730.1103	3rd Field Period Assembly-Leak Check	**14FEB07**	*14FEB07*	**20FEB07**	*20FEB07*	***112***		0.00	18,584.00	18,584.00		0.00
730.1130	Make Final Vacuum Pump Connections to VV	**21FEB07**	*21FEB07*	**09MAR07**	*09MAR07*	***112***		0.00	37,168.00	37,168.00		0.00
730.1140	PTP Pumpdown & leak check VV (WBS 220-025)	**12MAR07**	*12MAR07*	**23MAR07**	*23MAR07*	***112***		0.00	47,012.00	47,012.00		0.00
730.1150	Raise lower PF-3,4,5&6 coils into final position	**26MAR07**	*26MAR07*	**28MAR07**	*28MAR07*	***112***		0.00	11,615.00	11,615.00		0.00
730.1170	Install PF Solenoid into position (U/L 1&2 PF)	**29MAR07**	*29MAR07*	**03APR07**	*03APR07*	***112***		0.00	13,938.00	13,938.00		0.00
730.1175	Install Upper PF-3,4,5 & 6 coils	**04APR07**	*04APR07*	**06APR07**	*06APR07*	***112***		0.00	11,615.00	11,615.00		0.00
730.1180	Install Bus connections to coil sys (WBS 431-131	**09APR07**	*09APR07*	**04JUN07**	*04JUN07*	***112***		0.00	0.00	0.00		0.00
730.1210	Connect Cooling System (WBS 61)	**26MAR07**	*26MAR07*	**04MAY07**	*04MAY07*	***132***		0.00	0.00	0.00		0.00
730.1230	Complete Bus connections (WBS 4)	**09APR07**	*09APR07*	**04JUN07**	*04JUN07*	***112***		0.00	37,168.00	37,168.00		0.00
730.1249	Operational Readiness Assessment	**07MAY07**	*07MAY07*	**04JUN07**	*04JUN07*	***112***		0.00	0.00	0.00		0.00
730.1250	Operational Readiness			**04JUN07**	*04JUN07*	***112***		0.00	0.00	0.00		0.00
730.8075	Prep Cryostat for installation	**05OCT07**	*05OCT07*	**18OCT07**	*18OCT07*	***112***		0.00	66,128.00	66,128.00		0.00
730.8100	Cryo stat installation & Test & Cooldown	**19OCT07**	*19OCT07*	**15NOV07**	*15NOV07*	***112***		0.00	132,256.00	132,256.00		0.00
730.8200	Cold Power Test PTP	**16NOV07**	*16NOV07*	**03DEC07**	*03DEC07*	***112***		0.00	66,128.00	66,128.00		0.00
76 - Tooling Design & Fabrication												
713.020	Lab Fab/Assy/Installation	**01OCT04***	*01OCT04**	**28SEP07**	*28SEP07*	***519***		0.00	29,973.45	29,973.45		0.00
713.030	Tooling,assy fixtures,misc equipt	**03APR06***	*03APR06**	**28SEP07**	*28SEP07*	***519***		0.00	80,177.55	80,177.55		0.00
713.040	General procurements	**03APR06***	*03APR06**	**28SEP07**	*28SEP07*	***519***		0.00	60,133.16	60,133.16		0.00
713.050	Welding tools, materials & equipt	**03APR06***	*03APR06**	**28SEP07**	*28SEP07*	***519***		0.00	53,451.70	53,451.70		0.00



Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
77 - Measurement Systems												
780.000	No additional tools/devices needed.	**02FEB04**	*01MAR04*	**30MAY08**	*30MAY08*	***348***		0.00	0.00	0.00		0.00
8 - Project Oversight and Support												
81 - Project Management and Control												
Job: 8101 - Project Management & Control-NEILSON												
FY03 Actual Cost												
810.001	Apr-Sept MIE Cost PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	387,340.00	387,340.00	387,340.00		0.00
810.009	PDR Support	**01OCT03A**	*01OCT03A*	**31OCT03A**	*31OCT03A*		***100***	41,163.08	41,163.08	41,163.08		0.00
810.010	CD-3 Readiness - Update Assy & Installation plan	**01APR04***	*01APR04**	**01JUL04**	*01JUL04*	***1,346***		0.00	0.00	0.00		0.00
810.015	CD-3 Readiness - Update resource loaded	**01APR04***	*01APR04**	**01JUL04**	*01JUL04*	***1,346***		0.00	0.00	0.00		0.00
810.020	CD-3 Readiness - Update risk management plan	**01APR04***	*01APR04**	**01JUL04**	*01JUL04*	***1,346***		0.00	0.00	0.00		0.00
810.025	CD-3 Readiness - Update Value mgt/engr doc.	**01APR04***	*01APR04**	**01JUL04**	*01JUL04*	***1,346***		0.00	0.00	0.00		0.00
810.028	CD-3 Readiness - Update Project Controls doc.	**01APR04***	*01APR04**	**01JUL04**	*01JUL04*	***1,346***		0.00	0.00	0.00		0.00
810.030	CD-3 Readiness - Update Acquisition Strategy	**01APR04***	*01APR04**	**01JUL04**	*01JUL04*	***1,346***		0.00	0.00	0.00		0.00
810.035	CD-3 Readiness - Update Proj Exec Plan (PEP)	**01APR04***	*01APR04**	**01JUL04**	*01JUL04*	***1,346***		0.00	0.00	0.00		0.00
810.040	CD-3 Readiness - Assess/Update Integr Proj	**01APR04***	*01APR04**	**01JUL04**	*01JUL04*	***1,346***		0.00	0.00	0.00		0.00
810.002	Project Management Office PPPL FY04	**01OCT03A**	*01OCT03A*	**30SEP04**	*30SEP04*	***1,283***	***LOE***	282,553.48	689,154.82	689,154.82		-107.67
810.003	Project Management Office PPPL FY05	**01OCT04***	*01OCT04**	**30SEP05**	*30SEP05*	***1,028***		0.00	538,759.58	538,759.58		0.00
810.004	Project Management Office PPPL FY06	**03OCT05***	*03OCT05**	**29SEP06**	*29SEP06*	***519***		0.00	492,727.12	492,727.12		0.00
810.004X	Project Management Office PPPL FY07	**02OCT06**	*02OCT06*	**04JAN07**	*04JAN07*	***519***		0.00	140,228.10	140,228.10		0.00
810.005	Project Management OfficePPPL FY07	**05JAN07**	*05JAN07*	**28SEP07**	*28SEP07*	***519***		0.00	341,782.20	341,782.20		0.00
810.900	Project Management Office PPPL 1 mo SO	**01OCT07***	*01OCT07**	**29OCT07**	*29OCT07*	***351***		0.00	42,310.60	42,310.60		0.00
810.990	Project Management Office PPPL 1 mo SO	**30OCT07***	*30OCT07**	**27NOV07**	*27NOV07*	***351***		0.00	42,310.60	42,310.60		0.00
810.991	Project Management Office PPPL 1 mo SO	**28NOV07***	*28NOV07**	**31DEC07**	*31DEC07*	***351***		0.00	42,310.60	42,310.60		0.00
810.992	Project Management Office PPPL 1 mo SO	**02JAN08***	*02JAN08**	**30JAN08**	*30JAN08*	***351***		0.00	42,310.60	42,310.60		0.00
810.993	Project Management Office PPPL 1 mo SO	**31JAN08***	*31JAN08**	**28FEB08**	*28FEB08*	***351***		0.00	42,310.60	42,310.60		0.00
810.994	Project Management Office PPPL 1 mo SO	**29FEB08***	*29FEB08**	**28MAR08**	*28MAR08*	***351***		0.00	42,310.60	42,310.60		0.00
810.995	Project Management Office PPPL 1 mo SO	**31MAR08***	*31MAR08**	**28APR08**	*28APR08*	***351***		0.00	42,310.60	42,310.60		0.00
810.996	Project Management Office PPPL 1 mo SO	**29APR08***	*29APR08**	**27MAY08**	*27MAY08*	***351***		0.00	42,310.60	42,310.60		0.00
Job: 8102 - NCSX MIE Management ORNL-LYON												
FY03 Actual Cost												
810.101	Apr-Sept MIE Cost ORNL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	58,600.00	58,600.00	58,600.00		0.00
810.102	Project Management Office ORNL FY04	**01OCT03A**	*01OCT03A*	**30SEP04**	*30SEP04*	***1,283***	***LOE***	49,293.57	120,228.22	120,228.22		-18.79



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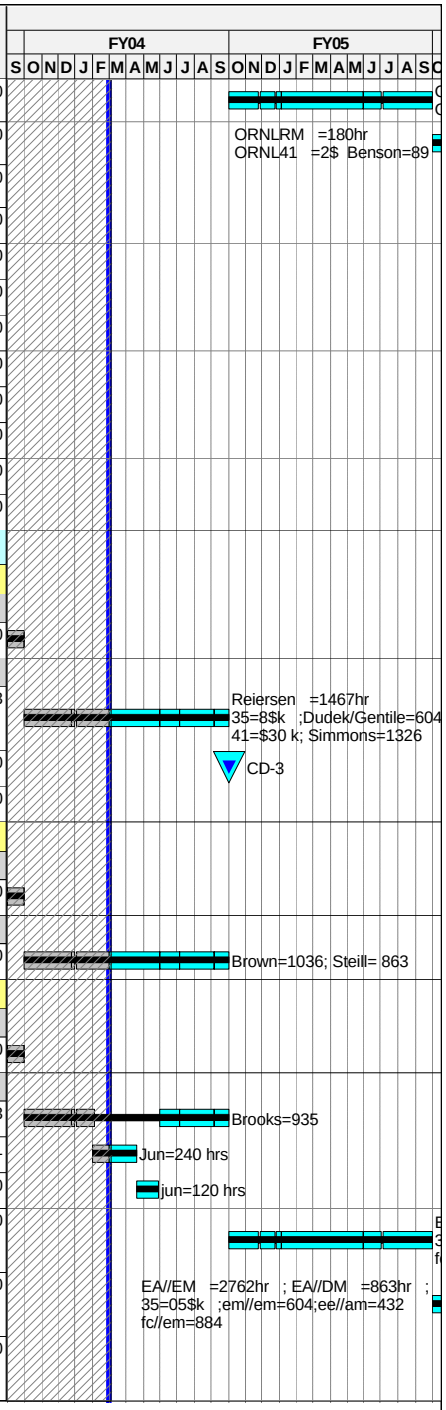
Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
810.103	Project Management Office ORNL FY05	**01OCT04***	*01OCT04**	**30SEP05**	*30SEP05*	***1,028***		0.00	85,894.36	85,894.36		0.00
810.104	Project Management Office ORNL FY06	**03OCT05***	*03OCT05**	**29SEP06**	*29SEP06*	***519***		0.00	49,323.49	49,323.49		0.00
810.104X	Project Management Office ORNL FY06	**02OCT06**	*02OCT06*	**04JAN07**	*04JAN07*	***519***		0.00	14,321.54	14,321.54		0.00
810.105	Project Management Office ORNL FY07	**05JAN07**	*05JAN07*	**28SEP07**	*28SEP07*	***519***		0.00	33,631.32	33,631.32		0.00
810.901	Project Management Office ORNL 1 mo SO	**02OCT07***	*02OCT07**	**30OCT07**	*30OCT07*	***350***		0.00	2,834.10	2,834.10		0.00
810.980	Project Management Office ORNL 1 mo SO	**31OCT07***	*31OCT07**	**28NOV07**	*28NOV07*	***350***		0.00	2,834.10	2,834.10		0.00
810.981	Project Management Office ORNL 1 mo SO	**03DEC07***	*03DEC07**	**02JAN08**	*02JAN08*	***350***		0.00	2,834.10	2,834.10		0.00
810.982	Project Management Office ORNL 1 mo SO	**03JAN08***	*03JAN08**	**31JAN08**	*31JAN08*	***350***		0.00	2,834.10	2,834.10		0.00
810.983	Project Management Office ORNL 1 mo SO	**01FEB08***	*01FEB08**	**29FEB08**	*29FEB08*	***350***		0.00	2,834.10	2,834.10		0.00
810.984	Project Management Office ORNL 1 mo SO	**03MAR08***	*03MAR08**	**31MAR08**	*31MAR08*	***350***		0.00	2,834.10	2,834.10		0.00
810.985	Project Management Office ORNL 1 mo SO	**01APR08***	*01APR08**	**29APR08**	*29APR08*	***350***		0.00	2,834.10	2,834.10		0.00
810.986	Project Management Office ORNL 1 mo SO	**30APR08***	*30APR08**	**28MAY08**	*28MAY08*	***350***		0.00	2,834.10	2,834.10		0.00
82 - Project Engineering												
Job: 8202 - Engr Mgmt & Sys Eng Support-REIERSEN												
FY03 Actual Cost												
820.110	Apr-Sept MIE Cost PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	295,530.00	295,530.00	295,530.00		0.00
820.002	LOE FY04	**01OCT03A**	*01OCT03A*	**30SEP04**	*30SEP04*	***1,283***	***LOE***	256,968.03	626,751.30	626,751.30		-97.93
M-0115	CD-3			**30SEP04***	*30SEP04**	***1,259***		0.00	0.00	0.00		0.00
M-0120	CD-4			**28SEP07***	*28SEP07**	***0***		0.00	0.00	0.00		0.00
Job: 8203 - Design Integration-REIERSEN												
FY03 Actual Cost												
820.150	Apr-Sept MIE Cost PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	178,750.00	178,750.00	178,750.00		0.00
820.200	LOE FY04	**01OCT03A**	*01OCT03A*	**30SEP04**	*30SEP04*	***1,283***	***LOE***	105,481.85	257,272.80	257,272.80		-40.20
Job: 8204 - Systems Analysis-REIERSEN												
FY03 Actual Cost												
820.173	Apr-Sept MIE Cost PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	44,620.00	44,620.00	44,620.00		0.00
820.174	LOE FY04	**01OCT03A**	*01OCT03A*	**30SEP04**	*30SEP04*	***1,283***	***LOE***	75,127.25	150,254.50	150,254.50		13,499.43
8204.01	Assess magnetic material in test cell	**02FEB04***	*02FEB04A*	**19APR04**	*19APR04*	***125***	***50***	19,284.00	38,568.00	38,568.00		5,509.71
8204.02	Model effects local high MU regions on MCWF	**20APR04**	*20APR04*	**28MAY04**	*28MAY04*	***125***		0.00	19,284.00	19,284.00		0.00
820.003	Proj engr,Sys Integr.,Designers, Deputy PM FY05	**01OCT04***	*01OCT04**	**30SEP05**	*30SEP05*	***1,028***		0.00	933,340.30	933,340.30		0.00
820.004	Proj engr,Sys Integr.,Designers, Deputy PM FY06	**03OCT05***	*03OCT05**	**29SEP06**	*29SEP06*	***348***		0.00	870,153.80	870,153.80		0.00
820.004X	Proj engr,Sys Integr.,Designers, Deputy PM FY07	**02OCT06**	*02OCT06*	**04JAN07**	*04JAN07*	***348***		0.00	240,404.50	240,404.50		0.00



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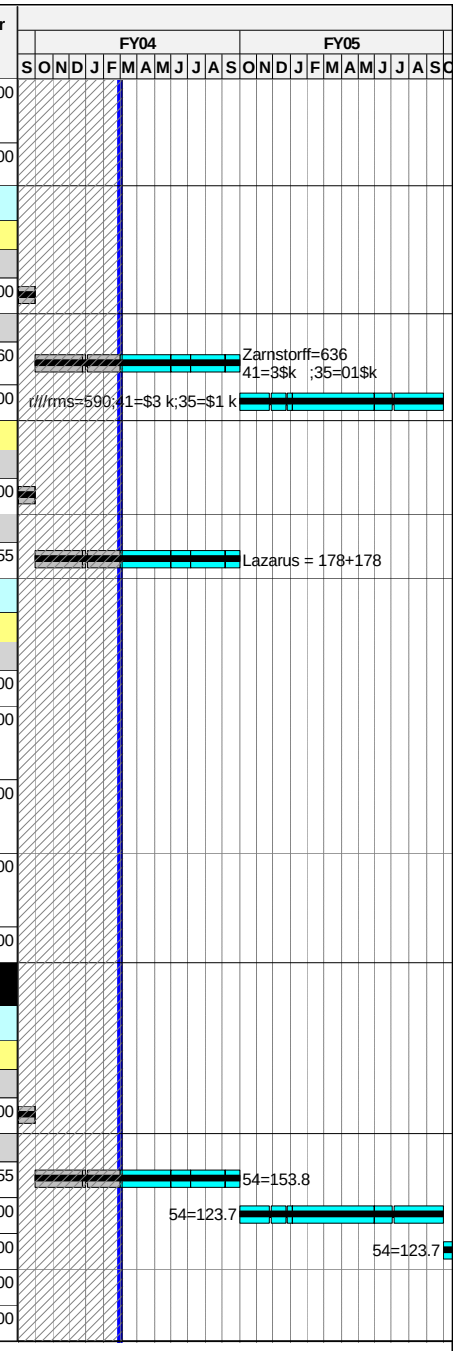
Activity ID	Activity Description	ECP5 Baseline Start	Forecast Start	ECP5 Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Baseline Budget	ECP5 Budget	Add'l Estimate to Complete	Sched Var (BCWP - BCWS)
820.004Z	Proj engr,Sys Integr.,Designers, Deputy 8mo s.o.	**05JAN07**	*05JAN07*	**25SEP07**	*25SEP07*	***348***		0.00	692,941.22	692,941.22		0.00
820.005	Proj engr,Sys Integr.,Designers, Deputy PM FY07	**26SEP07***	*26SEP07**	**30MAY08**	*30MAY08*	***348***		0.00	375,239.54	375,239.54		0.00
84 - Project Physics												
Job: 8401 - Project Physcis-ZARNSTORFF												
FY03 Actual Cost												
840.201	Apr-Sept MIE Cost PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	210,270.00	210,270.00	210,270.00		0.00
840.202	Project Physics/Engr Analysis FY04	**01OCT03A**	*01OCT03A*	**30SEP04**	*30SEP04*	***1,283***	***LOE***	40,920.54	99,806.20	99,806.20		-15.60
840.203	Project Physics/Engr Analysis FY05	**01OCT04***	*01OCT04**	**30SEP05**	*30SEP05*	***1,028***		0.00	95,530.00	95,530.00		0.00
Job: 8402 - Project Physics MIE ORNL-LYON												
FY03 Actual Cost												
840.301	Apr-Sept MIE Cost ORNL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	40,980.00	40,980.00	40,980.00		0.00
840.302	Project Physics/Engr Analysis FY04	**01OCT03A**	*01OCT03A*	**30SEP04**	*30SEP04*	***1,283***	***LOE***	25,055.49	61,110.96	61,110.96		-9.55
85 - Integrated Systems Testing												
920.001	Procedure and Document Preparation	**03APR06***	*03APR06**	**11APR07**	*11APR07*	***129***		0.00	458,003.27	458,003.27		0.00
920.005	Start-up Testing	**05JUN07**	*05JUN07*	**21AUG07**	*21AUG07*	***112***		0.00	390,743.50	390,743.50		0.00
920.010	Power Testing and E-Beam Mapping	**22AUG07**	*22AUG07*	**18OCT07**	*18OCT07*	***112***		0.00	308,663.69	308,663.69		0.00
920.020	Final ISTP	**04DEC07**	*04DEC07*	**17DEC07**	*17DEC07*	***112***		0.00	67,553.80	67,553.80		0.00
730.9000	First Plasma			**30MAY08***	*30MAY08**	***0***		0.00	0.00	0.00		0.00
Allocations												
PPPL Allocations												
Job: 8998 - Allocations												
FY03 Actual Cost												
99.03	Apr-Sept MIE Cost PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	60,670.00	60,670.00	60,670.00		0.00
99.04	PPPL Allocations FY04	**01OCT03A**	*01OCT03A*	**30SEP04**	*30SEP04*	***1,283***	***LOE***	109,027.28	265,920.20	265,920.20		-41.55
99.05	PPPL Allocations FY05	**01OCT04***	*01OCT04**	**30SEP05**	*30SEP05*	***1,028***		0.00	214,990.60	214,990.60		0.00
99.06	PPPL Allocations FY06	**03OCT05***	*03OCT05**	**29SEP06**	*29SEP06*	***774***		0.00	214,619.50	214,619.50		0.00
99.07	PPPL Allocations FY07	**02OCT06***	*02OCT06**	**29JUN07**	*29JUN07*	***519***		0.00	170,232.95	170,232.95		0.00
99.07X	PPPL Allocations FY07	**02JUL07***	*02JUL07**	**28SEP07**	*28SEP07*	***519***		0.00	56,885.00	56,885.00		0.00



Run Date **12MAR04 09:00**

current schedule
xECP5 Baseline
Progress Bar
Critical Activity

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NCSX
ECP5 Baseline

STATUS THROUGH
March 1, 2004