

Activity ID	Activity Description	Forecast Start	Forecast Finish	BASELINE FINISH	Sched Slip (work days)	% cmplt	ETC	FY08			FY09			FY10		
Included Closeout Scope																
Brown																
Job: 1803/1805- FPA Tooling/Constr-BROWN																
Station 3-Modular Coil to VVSA Assembly																
1803S3-4	Generate laser screen trace drawings (1/2 period	17JUL08A	08AUG08	05SEP08	19	55	4,809.78	SMITH	etc =40hr ;	MORRIS	etc					
1803S3-6	Station 3 simulation detail model	02JUN08A	01AUG08	30JUN08	-23	75	5,676.00	BROWN	etc =24hr ;	SMITH	etc					
1803S3-9	Oversite, cost and schedules, reviews	31JAN08A	30SEP08	30SEP08	0	LOE	2,649.42	BROWN	etc =20hr ;							
1805S3-207	Misc assembly Cost	31JAN08A	30SEP08	30SEP08	0		3,763.26		41etc =04\$K ;							
Job: 8203 - Design Integration-BROWN																
8203FY08-4	General integration activities	01FEB08A	30SEP08	30SEP08	0	LOE	10,521.38	BROWN	etc =40hr ;	EA/DM	e					
Brooks																
Job: 8204 - Systems Analysis-BROOKS																
8204-FY08Z	Syst Analysis, studies & tech assurance FY08 etc	02JUN08A	30SEP08	30SEP08	0	LOE	31,624.75	BROOKS	etc =107hr ;	FAN						
ZHANG									etc =79hr ;							
Chrzanowski																
Job: 1408 - MC Winding Supplies-CHRZANOWSKI																
1408-3	Misc and safety supplies (\$7k/mo.)	23MAY07A	31JUL08	31JUL08	0	LOE	149.04		41etc =06\$K ;							
1408-6	VPI clean manifold contract	23MAY07A	31JUL08	31JUL08	0	80	2,484.00		41etc =02\$K ;							
1408-8	Cutting hardware for flange bolts	23MAY07A	31JUL08	31JUL08	0	LOE	273.24		41etc =.5\$K ;							
1408-7	Misc tech shop support	23MAY07A	31JUL08	31JUL08	0	80	10,108.16	EMT/TB	etc =128hr ;							
Job: 1451 - Mod Coil Winding-CHRZANOWSKI																
Station 1 Post VPI																
P2-171C	Final Clamps & Warm Test (Station1) B6	02JUN08A	23JUL08	23JUL08	0	5	22,806.54	EM/TB	etc =272hr ;	EMT/TB	etc					
P1-171C	Final Clamps & Warm Test (Station1) A6	24JUL08	29AUG08	20AUG08	-7		24,006.88	EM/TB	etc =272hr ;	EMT/TB	e					
LOE Oversight & Supervision																
145XSPRV-3	Winding Engineering oversight and supervision	01MAY07A	30SEP08	30SEP08	0	LOE	31,832.46	LANGISH	etc =275hr ;							
145XSPRV-A	Winding Engineering oversight and supervision	01NOV07A	29AUG08	29AUG08	0	LOE	56,904.69	CHRZANOWSKI	etc =241hr ;	MEIGHA						
Job: 1459 - Mod Coil Fabr.Punch List-CHRZANOWSKI																
Punchlist Tech shop/RESA																
PLTS-B5	Grinding -B5	01MAY08A	30SEP08	29AUG08	-21	0	9,476.40	EM/TB	etc =120hr ;							
PLTS-A6	Grinding -A6	01MAY08A	30SEP08	29AUG08	-21	20	3,095.62	EM/TB	etc =39hr ;							
PLTS-B6	Grinding -B6	01MAY08A	30SEP08	29AUG08	-21	0	9,476.40	EM/TB	etc =120hr ;							
PLTS-C6	Grinding & Drill Holes -C6	01MAY08A	30SEP08	29AUG08	-21	23	14,593.66	EM/TB	etc =185hr ;							
Punchlist- Coil Technicians																
PLCT-A6	Insul,measure,TC,SG other punch list-A6	01OCT07A	29AUG08	29AUG08	0	36	10,411.40	EM/TB	etc =132hr ;							
PLCT-B6	Insul,measure,TC,SG other punch list-B6	01OCT07A	29AUG08	29AUG08	0	36	10,411.40	EM/TB	etc =132hr ;							
Cole																
Job: 1416 - Mod Coil Type AB Fnl Dsn-COLE																
Analysis and closeout documentation																
1416-601	Prepare EM and structural analysis of leads	31JAN08A	18AUG08	30JUN08	-34	70	9,966.00	williamson	etc =66h							
1416-650	Prepare cooling analysis of lead area	01JUL08	29AUG08	30JUN08	-43		3,020.00	freudenberg	etc =160hr ;							

Run Date: 14 AUG 08 12:39

FORECAST SCHEDULE
 x target
 Progress Bar
 Critical Activity

080A

NCSX
 MIE CLOSEOUT PLAN
 July 30 status

Sheet 1 of 6

Activity ID	Activity Description	Forecast Start	Forecast Finish	BASELINE FINISH	Sched Slip (work days)	% cmlpt	ETC	FY08												FY09												FY10												
ECN Modifications																																												
1416-810	Process completed ECN's 5397,5379	28JUL08*	30JUL08			0	0.00																																					
Job: 1421 - Mod Coil Interface Design-COLE																																												
Inboard Interface-CC																																												
1421-3155	Resolve C-C shim FDR comments	01JUL08*	18AUG08	30JUN08		-34	80	3,624.00	COLE												etc =120hr ;																							
Job: 1901 - Stellarator Core Mngt&Integr-COLE																																												
191 - Stellarator Core Management & Oversight																																												
1901-08	WBS 191 FY08	01OCT07A	29SEP08	29SEP08		0	LOE	24,323.08	COLE												etc =121hr ; NELSON																							
1901-9000	Update drawing tree	01OCT07A	29SEP08	29SEP08		0	LOE	24,160.00	lovett= 160																																			
192 - Stellarator Core Integr & Global Analysis																																												
1902-08	WBS 192 FY08	01OCT07A	29SEP08	29SEP08		0	LOE	57,388.46	COLE												etc =121 m&s =20 travel=												MCGINNIS etc =182											
Job: 1806 - FP Assembly specs and drawings-COLE																																												
Station 3-Modular Coil to VVSA Assembly																																												
1803-301	Station 3 Assembly Specification	02JUL07A	01AUG08	30JUN08		-23	98	7,248.00	COLE												etc =24hr ;																							
1803-305	Station 3 Assembly Drawings	02JUL07A	01AUG08	30JUN08		-23	98	483.20	COLE												etc =16hr ;																							
Dahlgren																																												
Job: 1501 - Coil Structures Design-DAHLGREN																																												
1501-533F	Integrated Stress Analysis	01OCT07A	06AUG08	30JUN08		-26	95	6,021.40	DAHLGREN												etc =154hr ; FAN=etc=40																							
1501-537	FDR Prep	01JUL08	06AUG08	30JUN08		-26		12,370.68	DAHLGREN												etc =38hr ; RUSHINSKI																							
1501-541	Coil Support Structures - FDR		06AUG08	30JUN08		-26		0.00																																				
Ellis																																												
Job: 8205 - Dimensional Control Coordin-ELLIS																																												
Station 3-Modular Coil to VVSA Assembly																																												
METFY08R	Support FPA Station 2	01FEB08A	30SEP08	30SEP08		0	LOE	11,196.98	ELLIS												etc =45hr ; SMITH etc =45hr																							
STAT3 PREP	Station 3 preparations	30JUN08A	02SEP08	02SEP08		0	70	4,250.40	ELLIS												etc =80hr ;																							
Harris																																												
Job: 8102 - NCSX MIE Management ORNL-HARRIS																																												
810.105XX	Project Management Office ORNL FY08 (LOE)	01FEB08A	29SEP08	29SEP08		0	LOE	75,467.11	ORNL35												etc =07\$;												HILLIS etc =70 ; HARRIS etc =176 ; MMORRIS etc =45											
810.105Z	Project Management Office ORNL FY09 (LOE)	01OCT08*	31MAR09	31MAR09		0	LOE	35,930.73	HILLIS etc =45 ; HARRIS etc =110																																			
Heitzenroeder																																												
Job: 8202 - Engr Mgmt & Sys Eng Sprt-HEITZENROED																																												
8205DC	document control & admin support	01FEB08A	31MAR09	31MAR09		0	LOE	21,307.22	SUCH etc =142hr ; TYRELL etc =21																																			
8205FY08.2	Engr mgt & systems engr FY08	01FEB08A	30SEP08	30SEP08		0	LOE	136,471.75	HEITZENROED etc =445hr ; SIMMONS etc =89hr ; DUDEK etc =89hr ; VONHALLE etc =89hr ;																																			
8205FY09	Engr mgt & systems engr FY09	01OCT08*	31MAR09	31MAR09		0	LOE	157,899.44	HEITZENROED etc =315hr ; REIERSEN etc =126hr ; VONHALLE etc =126hr ; SIMMONS etc =00 ; DUDEK etc =333																																			

Activity ID	Activity Description	Forecast Start	Forecast Finish	BASELINE FINISH	Sched Slip (work days)	% cmplt	ETC	FY08			FY09			FY10		
Job: 8221 -Documentation Closeout-HEITZENROEDER																
Closeout Documentation																
8221-100	Technical data collection	14JUL08*	12NOV08	31OCT08	-8		629,463.19									
								SIMMONS =160hr BLANCHARD BROOKS =100hr BROWN =37 CHRZANOWSKI =168hr COLE DAHLGREN =40hr DODSO DUDEK =32hr ELLIS =40 GORANSON =80hr Fogarty= Phil =160; Kalish =56; labik Langish =24 freudenberg =120 Perry =16; Raftopoulos=220; Raki rushinski =335 mike morris=20 sichta =80; smith =14; strykowski =160; upcavage viola = 158 williamson =80 M Nelson=10; Harris= 20; Jun=100; Gentile=20; Lew M								
8221-251	Tech presentation/paper collection	14JUL08*	09OCT08	29SEP08	-8		9,966.00									
								HAMPTON etc =100hr ; TYRELL								
8221-301	Guidance to collect data	02JUN08A	29SEP08	29SEP08	0		39,847.50									
								SIMMONS etc =300hr ;								
8221-305	Organizing and posting data	30SEP08	27MAR09	27MAR09	0		56,203.18									
								SIMMONS etc =300hr								
8221-401	Finalizing and archiving key analyses/reports	14JUL08*	30SEP08	29SEP08	-1		137,504.00									
								FREUDENBERG etc =160hr ; DAHL FAN etc =160hr ; AVASARALA ZHANG etc =160hr ;								
8221-575	Archiving doc & files in ops center	14JUL08*	26MAR09	26MAR09	0		18,108.37									
								SUCH etc =200hr ;								
8221-700	As-built Drawing Updates	01AUG08*	23DEC08	23DEC08	0		233,941.28									
								EA/SB Designers etc =199								
Kalish																
Job: 1361 - TF Fabrication-KALISH																
TF Title III and Fabrication Oversight																
131-033C	Title III engr,inspection, support	02JAN08A	18SEP08	18SEP08	0	LOE	28,562.95									
								KALISH etc =71hr ; 35etc =02\$K 41etc =00\$K ; EM/TB etc =00hr MEIGHAN etc =173hr ;								
TF Fabrication Contract																
1361C-115	Fab, Test & Deliver Coil #15	17JUL08*	05AUG08	17JUL08	-13		47,220.00									
								49etc =47 ;								
1361C-116	Fab, Test & Deliver Coil #16	27AUG08*	27AUG08	08AUG08	-13		47,220.00									
								49etc =47 ;								
1361C-117	Fab, Test & Deliver Coil #17	18SEP08*	18SEP08	02SEP08	-12		47,220.00									
								49etc =47 ;								
1361C-118	Fab, Test & Deliver Coil #18	03OCT08*	03OCT08	24SEP08	-7		47,220.00									
								49etc =47 ;								
1351-195X	ALL TF COILS DELIVERED		03OCT08	24SEP08	-7		0.00									
Job: 1354 - Trim Coil Design &Procurement-KALISH																
Trim Coil **Updated estimate**																
TRIM-170	Complete Trim Coil Detailed Drawings	25MAR08A	31JUL08	30JUN08	-22	99	382.91									
								KALISH etc =14hr ; RUSHINSKI et CRUIKSHANK etc =80hr ;								
TRIM-200	Assy drawings & parts list	01APR08A	31JUL08	30JUN08	-22	99	201.90									
								KALISH etc =04hr ; RUSHINSKI et CRUIKSHANK etc =80hr ;								
Neilson																
Job: 8222 - Manuscripts and Papers - NEILSON																
Prepare Closeout report																
8222-900	Manuscripts, journal & papers (40 papers @40hrs)	02SEP08*	31MAR09	31MAR09	0		299,600.15									
								ea/em=800,em/em=400;r travel=15								
Perry																
Job: 8220 - Equipt Save & Facility Restora-PERRY																
Safe and store NCSX hardware assets																
8220-201	Coordination and oversight	01JUL08A	23DEC08	23DEC08	0		60,372.97									
								PERRY etc =382hr ;								
8220-205	NCTC floor penetrations & PLT water hdr removal	30JUN08A	12AUG08	12AUG08	0	30	39,373.98									
								41etc =21\$K ; EM/TB etc =382hr ;								
8220-209	Secure platform parts from CAS Bldg to NCTC	13AUG08	26AUG08	26AUG08	0		4,163.16									
								41etc =00\$K ; EM/TB etc =48hr ;								
8220-223	Items f/TFTR bsmnt (incl spare MC cond) to NCTCB	01AUG08*	14AUG08	14AUG08	0		13,831.24									
								41etc =00\$K ; EM/TB etc =172hr ;								
8220-227	Portable AC units to Dsite crib	27AUG08	03SEP08	03SEP08	0		631.76									
								EM/TB etc =08hr ;								
8220-231	Drawing closeouts and field follow-up	01OCT08*	23DEC08	23DEC08	0		27,614.00									
								LANGELLA etc =200hr ;								
8220-235	Large and Small shield block to Dsite pad	02SEP08*	15SEP08	15SEP08	0		2,527.04									
								EM/TB etc =32hr ;								
8220-239	Machine mock-up to NCTC	13AUG08	19AUG08	19AUG08	0		631.76									
								EM/TB etc =08hr ;								
8220-243	Welding machines to RESA	01OCT08*	07OCT08	07OCT08	0		668.56									
								EM/TB etc =08hr ;								
8220-247	Tools to Csite crib	01OCT08*	14OCT08	14OCT08	0		2,674.24									
								EM/TB etc =32hr ;								

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8220-251	Measuring Equipment to MU Shop	01OCT08*	07OCT08	07OCT08	0		1,337.12				EM//TB	etc =16hr ;				
8220-255	Inventory parts,material, tools to new location	01OCT08*	28OCT08	28OCT08	0		6,685.60				EM//TB	etc =80hr ;				
8220-409	Crates,cabinets,parts shelves f/TFTRTC to NCTCB	23JUL08A	14OCT08	14OCT08	0	5	9,375.89				EM//TB	etc =124hr ;				
8220-415	Coil winding station to NCTC	13AUG08	26AUG08	26AUG08	0		5,054.08				EM//TB	etc =64hr ;				
8220-419	MC bolts (incl crate) to NCTCB	23JUL08A	14OCT08	15SEP08	-21	5	2,084.11				41etc =00\$sk ;	EM//TB	etc =20hr			
8220-427	Assemble 4 remaining MC 3 packs	03SEP08	07OCT08	08SEP08	-21		25,564.80				EM//TB	etc =320hr ;				
8220-431	Transport MC 3 packs (6) to NCTC	08OCT08	21OCT08	22SEP08	-21		5,609.68				EM//TB	etc =64hr ; 41etc =00\$sk				
8220-501	Autoclave- Safe all AC power	01AUG08*	07AUG08	05AUG08	-2		3,762.80				LANGELLA	etc =24hr ;	EM//TB	et		
8220-505	Autoclave-Removal and store Dsite pad & NCTCB	01OCT08*	23DEC08	23DEC08	0		154,843.44				LANGELLA	etc =400hr ;	EM//			
8220-901	VV Diagnostic parts incl fab crates to NCTCB	09SEP08*	15SEP08	15SEP08	0		1,669.86				41etc =0.2\$sk ;	EM//TB	etc =18hr			
8220-903	Move tool crib from C-site back to D-Site	09SEP08*	15SEP08	15SEP08	0		9,476.40				EM//TB	etc =120hr ;				
8220-605	VV Spool piece crates to NCTCB	01AUG08*	04AUG08	02JUL08	-22		473.82				EM//TB	etc = 6				
8220-423	VVSA's (incl port extension crates) to NCTC	13AUG08	26AUG08	26AUG08	0		7,176.24				41etc =01\$sk ;	EM//TB	etc =72hr ;			
8220-609	Yellow wedge stands to NCTC	01OCT08*	02OCT08	02OCT08	0		334.28				EM//TB	etc = 4				
8220-613	Wedge cover plates to NCTC	01OCT08*	02OCT08	02OCT08	0		334.28				EM//TB	etc = 4				
8220-617	5 ton lift beam to RESA	01OCT08*	02OCT08	02OCT08	0		334.28				EM//TB	etc = 4				
8220-621	14 ton lift beam to RESA	01OCT08*	02OCT08	02OCT08	0		167.14				EM//TB	etc = 2				
8220-625	Remove coil winding rooms & dispose	02JUN08A	02SEP08	01OCT08	21	60	27,686.40				EM//TB	etc = 480	Langella etc = 24			
8220-633	Equipment in MU machine shop-Electrical to RESA	02SEP08*	29SEP08	29SEP08	0		11,536.00				EM//TB	etc = 80	Langella etc = 40			
8220-641	Equipment in MU machine shop-Mechanical to RESA	02SEP08*	15SEP08	15SEP08	0		12,635.20				EM//TB	etc = 160				
8220-653	Cryo pump skid- Mechanical to NCTCB	01AUG08*	26AUG08	16JUL08	-29		3,790.56				EM//TB	etc = 48				
8220-657	Cryostat-disposal	27AUG08	10SEP08	16JUL08	-39		3,790.56				EM//TB	etc = 48				
8220-661	Interlocked cryo room-leave in place	01AUG08*	01AUG08	02JUN08	-43		0.00									
8220-665	Spherical bearings (Dahlgren) to NCTCB	02JUL08*	03JUL08	03JUL08	0		78.97				EM//TB	etc = 1				
8220-669	Prototype castings to NCTC	13AUG08	14AUG08	14AUG08	0		631.76				EM//TB	etc = 8				
8220-673	Prototype VV cross sections-Scrap	22SEP08*	23SEP08	03JUL08	-56		157.94				EM//TB	etc = 2				
8220-677	TF coil fabrication fixtures to NCTC-VPI fixture	13AUG08	14AUG08	14AUG08	0		315.88				EM//TB	etc = 4				
8220-681	TF coil fabrication fixtures to NCTC-Mandrel	13AUG08	14AUG08	14AUG08	0		315.88				EM//TB	etc = 4				
8220-685	TF coil fabrication fixtures to NCTC-Misc fixtur	13AUG08	14AUG08	14AUG08	0		315.88				EM//TB	etc = 4				

Rej

Job: 8101 - Project Management &Control-REJ

810.900	Project Management Office PPPL FY08 (LOE)	01OCT07A	30SEP08	30SEP08	0	LOE	153,091.69				NEILSON	etc =414hr ;	STRYKOWS		
810.9005A	Project Management Office PPPL fy08 etc	02JUN08A	30SEP08	30SEP08	0	LOE	94,580.00				B//CB	etc =680hr ;	35etc =12\$sk		
810.901	Project Management Office PPPL FY09 (SA LOE)	01OCT08*	31MAR09	31MAR09	0	LOE	290,785.02				41etc =03\$sk ;	DEPUTYPC	etc =95		
											DON REJ1	etc =126\$sk ;			
											NEILSON	etc =335hr ;			
											Hampton	etc =484hr ;			
											41etc =05\$sk ;				
											DON REJ1	etc =100\$sk			
											SIMMONS	etc =61			
											STRYKOWSKY	etc =417			
											35etc =17\$sk ;				

Job: 8221 -Documentation Closeout-HEITZENROEDER

Prepare Closeout report

8221-608	Chapter & Appendices writers assigned		28JUL08*		0		0.00								
8221-610	Writer guidance prepared & communicated		28JUL08*		0		0.00								
8221-612	Chapter outlines finalized		29AUG08*		0		0.00								
8221-614	Chapter Draftes complete		30SEP08*		0		0.00								
8221-616	Chapter Draft reviews complete		15OCT08*		0		0.00								
8221-618	Chapters Complete		17NOV08*		0		0.00								
8221-636	Executive summary complete		05DEC08*		0		0.00								
8221-639	Draft Report complete		05JAN09*		0		0.00								
8221-642	Report Reviews Complete		02FEB09*		0		0.00								
8221-646	DOE Concurrence		02MAR09*		0		0.00								
8221-649	Final Report Issued		31MAR09*		0		0.00								

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8221-655	Submit NEPA form		18JUL08*			0	0.00										
Strykowski																	
Job: 8998 - Allocations-STRYKOWSKY																	
99.08	PPPL Allocations FY08	LOE	01OCT07A	29SEP08	29SEP08	0	LOE	106,859.48									
99.09C	PPPL Allocations FY09	LOE	01OCT08*	31MAR09	31MAR09	0	LOE	59,465.00									
Viola																	
Job: 1802 - FP Assy Oversight&Support-VIOLA																	
Oversight and Supervision																	
1802ORN02	ORNL Title III field period assy station 2/3		02JUN08A	30SEP08	30SEP08	0	LOE	10,436.58									
R1802-003	Metrology Engr Super FY08		01OCT07A	30SEP08	30SEP08	0	LOE	33,974.62									
R1802-007	FPA Management FY08		01OCT07A	30SEP08	30SEP08	0	LOE	64,563.00									
R1802-010	Drexel co-op student support		02JUN08A	31JUL08	30JUN08	-22	LOE	1,290.30									
R1802-015	HP Coverage in the TFTR TC LOE FY08		01OCT07A	30SEP08	30SEP08	0	LOE	40,024.41									
R1802-016	HP Coverage in the TFTR TC LOE FY09		01OCT08*	23DEC08	23DEC08	0	LOE	36,276.45									
1802MISC	Misc materials,tools, GSA vehicle,rigging		01FEB08A	30SEP08	30SEP08	0	LOE	42,029.28									
Station 3 procedures,JHA,ACC,Training,Prep																	
R1802-320	Update FPA cost estimate for FPA station 2&3		11SEP08	17SEP08	20OCT08	23		0.00									
Job: 1810 - Field Period AssyStation 1,2,3 VIOLA																	
General Assy Support																	
R1810-003	LOE Crane support, fixture setupfor FY08		01OCT07A	30SEP08	30SEP08	0	LOE	41,868.31									
R1810-025	Crane & Rigging inspections		01FEB08A	30SEP08	30SEP08	0	LOE	2,969.27									
R1810-007	LOE Field Supervision for FY08		01OCT07A	30SEP08	30SEP08	0	LOE	59,509.70									
R1810-2001	Misc Hardware and hardware rework (1/2 fte loe)		01FEB08A	30SEP08	30SEP08	0	LOE	17,815.63									
S21-4.02	Perform routine metrology set-up and checks (loe)		01FEB08A	30SEP08	30SEP08	0	LOE	45,942.88									
Setup																	
R1810-2034	Misc Tool and Hardware		02JUN08A	30SEP08	30SEP08	0	LOE	14,022.18									
Pre-Measuring and fitup checks																	
Pre measurement of MCHP A2,B2,C2 flanges																	
2-2-2.99	Drill Stycast fill holes C2		01JUL08*	03JUL08	03JUL08	0		9,476.40									
Station 2 MC subassy A1B1C1																	
Stycast shim bags & final measurements																	
2-1-8.01	Fill all wing bladders & cure		16JUL08A	31JUL08	01AUG08	1	70	1,137.17									
2-1-11.05	Perform Electrical Megger test on each coil		01AUG08*	04AUG08	15AUG08	9		3,790.56									
2-1-11.08	Remove from stand & measure weight of completed		23JUL08A	05AUG08	20AUG08	11	80	758.11									
S21-11.07M	Complete 1st MCHP Assy (Sta 2)			05AUG08	22AUG08	13		0.00									
Station 2 MC subassy A2B2C2																	
AB-C MC Assembly																	
2-2-7.13	Measure position of all monuments		31JUL08*	31JUL08	10JUL08	-15		2,792.88									
2-2-7.14	Measure shim puck height		01AUG08	01AUG08	11JUL08	-15		1,579.40									
2-2-7.15	remove puck locating rings & install all nose s		04AUG08	04AUG08	14JUL08	-15		4,738.20									
2-2-7.16	"Lightly" tack weld nose flex shims		05AUG08	05AUG08	15JUL08	-15		789.70									
2-2-7.17	remove "C" coil & place it on a separate fixtur		06AUG08	06AUG08	16JUL08	-15		3,158.80									
2-2-7.18	Recheck part alignment & weld all Type-B flex s		07AUG08	07AUG08	17JUL08	-15		5,585.76									
2-2-7.19	After welding "B" coil nose shims recheck align		08AUG08	08AUG08	18JUL08	-15		1,861.92									
2-2-7.20	Back office assessment of part after weld		11AUG08	11AUG08	21JUL08	-15		3,723.84									
2-2-7.21	Measure "C" fiducials		11AUG08	11AUG08	21JUL08	-15		1,861.92									
2-2-7.22	Weld all Type-C (A-flange) flex shims plasma sid		12AUG08	12AUG08	22JUL08	-15		3,158.80									
2-2-7.23	After welding determine metrology acceptance		13AUG08	13AUG08	23JUL08	-15		1,861.92									
2-2-7.24	Back office assessment		14AUG08	14AUG08	24JUL08	-15		3,723.84									
2-2-7.25	Remove shims for alignment mating coil		15AUG08	14AUG08	24JUL08	-15		0.00									
2-2-7.07	Place unfilled shim bags in wing areas		15AUG08	15AUG08	25JUL08	-15		1,579.40									

Activity ID	Activity Description	Forecast Start	Forecast Finish	BASELINE FINISH	Sched Slip (work days)	% cmlpt	ETC	FY08 FY09 FY10											
2-2-7.26	Lower mating "C" coil into position.	18AUG08	18AUG08	28JUL08	-15		3,158.80		EM//TB		etc =40hr ;								
2-2-7.261	alignment "C" coil tooling balls	19AUG08	19AUG08	29JUL08	-15		1,861.92		EM//TB		etc =00hr ; ZMET						etc =		
2-2-7.27	position coil accurately in x, y, & z directio	20AUG08	20AUG08	30JUL08	-15		1,579.40		EM//TB		etc =20hr ;								
2-2-7.28	Install shims;studs,, & "wiggle"	21AUG08	21AUG08	31JUL08	-15		2,369.10		EM//TB		etc =30hr ;								
2-2-7.29	Torque50% of final value.	22AUG08	22AUG08	01AUG08	-15		789.70		EM//TB		etc =10hr ;								
2-2-7.30	Measure position of all monuments	25AUG08	25AUG08	04AUG08	-15		2,792.88		ZMET		etc =24 ;								
2-2-7.31	Adjust shims locally. Re-torque all studs50%.	26AUG08	26AUG08	05AUG08	-15		3,158.80		EM//TB		etc =40hr ;								
2-2-7.32	Install bushing. Replace nut & tighten back50%	27AUG08	27AUG08	06AUG08	-15		4,738.20		EM//TB		etc =60hr ;								
2-2-7.33	After super bolt tightening, measure position	28AUG08	28AUG08	07AUG08	-15		2,792.88		EM//TB		etc =00hr ; ZMET						etc		
2-2-7.34	Tighten all bolts to final torque.	29AUG08	29AUG08	08AUG08	-15		1,579.40		EM//TB		etc =20hr ;								
2-2-7.35	After tightening hardware, meas position of monu	02SEP08	02SEP08	11AUG08	-15		2,792.88		ZMET		etc =24 ; EM//TB						etc =		
2-2-7.36	Weld B / C nose region solenoid side	03SEP08	03SEP08	12AUG08	-15		4,738.20		EM//TB		etc =60hr ;								
2-2-7.37	Measure positions of all monuments	04SEP08	04SEP08	13AUG08	-15		1,861.92		EM//TB		etc =00hr ; ZMET						etc		
2-2-7.38	Back office of above results & INSTALL wing supp	05SEP08	05SEP08	14AUG08	-15		3,723.84		EM//TB		etc =00hr ; ZMET						etc		
2-2-7.39	Fill all lose bushings with Stycast 2850FT	08SEP08	08SEP08	15AUG08	-15		3,158.80		EM//TB		etc =40hr ;								
Stycast shim bags & final measurements																			
2-2-8.01	Fill all wing bladders & cure	09SEP08	10SEP08	19AUG08	-15		3,158.80		EM//TB		etc =40hr ;								
2-2-8.02	Inject stycast in all shim spaces	11SEP08	12SEP08	21AUG08	-15		3,158.80		EM//TB		etc =40hr ;								
2-2-10.0	Complete local service & interface details	15SEP08	12SEP08	21AUG08	-15		0.00		EM//TB		etc =00hr ;								
2-2-11.01	Measure tooling balls on all coils.	15SEP08	16SEP08	25AUG08	-15		3,723.84		EM//TB		etc =00hr ; ZMET						etc		
2-2-11.02	Install or identify three primary fiducials	17SEP08	18SEP08	27AUG08	-15		3,723.84		EM//TB		etc =00hr ; ZMET						etc		
2-2-11.03	Scan "B" flange Type-C coil & interfacing base	19SEP08	23SEP08	02SEP08	-15		5,585.76		EM//TB		etc =00hr ; ZMET						etc		
2-2-11.04	Measure bolt length on all tension fasteners	24SEP08	24SEP08	03SEP08	-15		1,579.40		EM//TB		etc =20hr ;								
2-2-11.05	Perform Electrical Megger test on each coil	25SEP08	26SEP08	05SEP08	-15		3,158.80		EM//TB		etc =40hr ;								
2-2-11.06	Mark part for identification	29SEP08	26SEP08	05SEP08	-15		0.00		EM//TB		etc =00hr ;								
2-2-11.07	Install lift support beams	29SEP08	30SEP08	09SEP08	-15		6,317.60		EM//TB		etc =80hr ;								
2-2-11.08	Remove from stand & measure weight of completed	01OCT08	01OCT08	10SEP08	-15		3,342.80		EM//TB		etc =40hr ;								
2-2-11.09	Move to holding area.	02OCT08	03OCT08	12SEP08	-15		6,685.60		EM//TB		etc =80hr ;								
Station 3 Setup/Preparations/General																			
Misc Prep activities																			
R1810-3113	Procure wire rope slings & 6 17ton shackles	01JUL08A	01AUG08	12JUN08	-35	50	18,845.20				41etc =05\$kk ; EM//TB						etc =160hr ;		
Station 3-Assemble Mod Coils and VVSA-FP#1																			
Set-up and Prep																			
3-1-1.01	transfer CAD models	31JUL08*	08AUG08	10JUN08	-42		13,033.44		ZMET		etc =112 ;								
Install Laser Screen																			
3-1-6.03	Turn each lasers on & measure each laser source	11AUG08*	11AUG08	10SEP08	21		4,129.58		EM//TB		etc =24hr ; ZMET						etc =		
3-1-6.04	Print path on milar paper	12AUG08	11AUG08	10SEP08	21		0.00		EM//TB		etc =00hr ;								
3-1-6NEW	Dry-run MCHP thru laser screen path without VVSA	12AUG08	15AUG08	16SEP08	21		10,108.16		EM//TB		etc =128hr ;								
Install Vacuum Vessel																			
3-1-7.03	Install VVSA to base support and make connection	18AUG08	18AUG08	19SEP08	23		1,895.28		EM//TB		etc =24hr ;								
3-1-7.04	take tooling ball readings and secure VVSA	19AUG08	20AUG08	23SEP08	23		3,790.56		EM//TB		etc =48hr ;								
3-1-7.05	Scan VV surface and compare data	21AUG08	25AUG08	26SEP08	23		6,702.91		ZMET		etc =58 ; EM//TB						etc =		
Trial fit MCHP over VV																			
3-1-8.01	Install any bumper protection components on the	26AUG08	26AUG08	29SEP08	23		947.64		EM//TB		etc =12hr ;								
3-1-8.03	Install MCHP lift fixture, disengage leveler	27AUG08	28AUG08	01OCT08	23		3,790.56		EM//TB		etc =48hr ;								
3-1-8.05	Move right MCHP over the VV	29AUG08	03SEP08	06OCT08	23		18,074.59		EM//TB		etc =144hr ; ZMET						et		
3-1-8.05M	MCHP test fit over VVSA Complete		03SEP08	06OCT08	23		0.00												
3-1-6.05	Disengage the right MCHP & position on floor	04SEP08	04SEP08	07OCT08	23		1,895.28		EM//TB		etc =24hr ;								