

Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11				FY12				FY13				FY14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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CD1A	CD1 Approval	0		15APR10A	15APR10A		100	0.00	B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

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											FY11			FY12			FY13			FY14		
	1040	Award Ohmic Heating (OH) Conductor	0		21NOV11A	21NOV11A		100	0.00	B				▼								
	1050	Complete Machining Inner TF Conductors	0		12JUL12	12JUL12	128	0	0.00	B					▼							
	1051	Deliver TF Quadrant Mold	0		10APR12	10APR12	79	0	0.00	B					▼							
	1052	Award CS Casing	0		09JAN12A	09JAN12A		100	0.00	B				▼								
	1060	Generate Center Stack (CS) Assembly Procedure	0		04APR13	04APR13	65	0	0.00	B							▼					
	1080	Complete 1st TF inner quadrant	0		27JUL12	27JUL12	31	0	0.00	B						▼						
	1090	Award Neutral Beam (NB) Vessel Cap	0		28FEB12A	28FEB12A		100	0.00	B					▼							
	1100	OH Conductor Delivered	0		20APR12	20APR12	215	0	0.00	B					▼							
	1110	N/A Award NB Rectangular Bellows Section	0		30NOV11A	30NOV11A		100	0.00	B				▼								
	1120	Complete Diagnostics Removals	0		03FEB12A	03FEB12A		100	0.00	B				▼								
	1130	Award Contract Inner Poloidal Field (PF) Coils	0		02OCT12	02OCT12	2	0	0.00	B						▼						
	1140	Lift Out Old Centerstack	0		02DEC11A	02DEC11A		100	0.00	B				▼								
	1170	Begin Final Assembly Of Centerstack	0		21AUG13	21AUG13	0	0	0.00	B								▼				
	1180	Deliver NB Rectangular Bellows Section	0		16APR12	16APR12	327	0	0.00	B					▼							
	1190	Deliver NB Vessel Cap	0		30APR12	30APR12	292	0	0.00	B					▼							
	1200	Complete Final Assembly Of Centerstack	0		15OCT13	15OCT13	0	0	0.00	B									▼			
	1220	Begin Field Coil Power Conversion DC Sys Cable I	0		18JUN13	18JUN13	35	0	0.00	B								▼				
	1240	Deliver Inner Inner PF Coils	0		25JUL13	25JUL13	2	0	0.00	B								▼				
	1250	Beam Box Moved and Internals Installed	0		07FEB13	07FEB13	107	0	0.00	B							▼					
	1260	Install New Umbrella	0		17DEC13	17DEC13	0	0	0.00	B									▼			
	1270	Begin Re-Installation Of Diagnostics	0		16MAY13	16MAY13	67	0	0.00	B								▼				
	1280	N/R Complete Refurbishment Of Sources	0		28OCT11A	28OCT11A		100	0.00	B			▼									
	1290	Reinstall New Pump Duct	0		16MAY13	16MAY13	147	0	0.00	B								▼				
	1300	Begin Machine Pump down	0		09JAN14	09JAN14	0	0	0.00	B										▼		
	1310	Complete FCPC DC Systems Cable Installation	0		14NOV13	14NOV13	56	0	0.00	B										▼		
	1320	Re-Installation Of Diagnostics Complete	0		17DEC13	17DEC13	32	0	0.00	B										▼		
	CD1	Submit CD-1 Request	0		22JAN10A	22JAN10A		100	0.00	B												
	CD2	Submit CD2 Request	0		24NOV10A	24NOV10A		100	0.00	B	▼											
	CD3	Submit CD3 Request	0		11NOV11A	11NOV11A		100	0.00	B				▼								
	CDR	PROJECT CDR	0		28OCT09A	28OCT09A		100	0.00	B												
	LRCD2	Lehman Review	0		10AUG10A	10AUG10A		100	0.00	B												
	LRCD3	Lehman Review	0		27OCT11A	27OCT11A		100	0.00	B				▼								
	PDR	PROJECT PDR	0		23JUN10A	23JUN10A		100	0.00	B												
Job: 1000 - CSU Analytical Support-TITUS (LOE)																						
Final Design																						
1000-0002 Maintain Global model with updated design concep																						
1000-0003 Maintain updated 96 Scenarios																						
1000-0004 Generic Tile Qualification Program																						
1000-0005 Maintain Disruption Scenarios																						
1000-0006 Develop List of in-service Inspection Areas																						
1000-0007 Dynamic Response to Normal Loads PF4/5/TF/TF OOP																						
1000-0008 Fault, FMEA evaluation and analyses																						

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS												
											FY11			FY12			FY13			FY14		
	1001-0045C	IBD as Mock Up	106*	15AUG11A	20JAN12A	20JAN12A		100	0.00	C												
	1001-0046	Testing of prototype	13	31AUG11A	22SEP11A	22SEP11A		100	16,651.50	E												
	1001-0048	Mechanical - Material Testing	59	20DEC10A	18MAR11A	18MAR11A		100	20,132.30	C												
	1001-0049	Thermal - Material Testing	53	20DEC10A	10MAR11A	10MAR11A		100	12,999.70	C												
	1001-0050	Review Data - Material Testing	10	16MAY11A	27MAY11A	27MAY11A		100	6,328.40	C												
	1001-0053	Make Material Choices	10	16MAY11A	31MAY11A	31MAY11A		100	6,328.40	C												
	1001-0054	Finalize Designs/Drawings	219	16MAY11A	23MAR12A	23MAR12A		100	53,880.84	C												
	1001-0055	Drawings (Assem/Installation)	351	01NOV10A	23MAR12A	23MAR12A		100	197,432.64	C												
	1001-0056	Prep Procurement Specs	15	15NOV11A	30NOV11A	30NOV11A		100	5,448.90	E												
	1001-0056A	CS Plasma Facing Components Peer Review	0		18MAY11A	18MAY11A		100	0.00	B												
	1001-0057	FDR Prep	24	16MAY11A	17JUN11A	17JUN11A		100	34,174.08	C												
	1001-0057A	Update Documents (WAF, System Descriptions)	1	19MAY11A	09JUN11A	09JUN11A		100	0.00	C												
	1001-0057B	Conduct FDR Dry Runs	1	15JUN11A	17JUN11A	17JUN11A		100	0.00	C												
	1001-0058	CONDUCT FDR	3	22JUN11A	24JUN11A	24JUN11A		100	7,612.80	C												
	1001-0058A	FDR CHIT Resolution	20	25JUN11A	28JUL11A	28JUL11A		100	0.00	C												
	FY091001	FY09 Actual Cost	22	23FEB09A	30SEP09A	30SEP09A		100	64,576.00	C												
	FY101001	FY10 Actual Cost	100	01DEC09A	30APR10A	30APR10A		100	103,885.00	C												
	FY101001A	FY10 Actual Cost	130	01APR10A	30SEP10A	30SEP10A		100	99,233.32	C	81=90477											
	FY101110	FY10 Actual Cost	85	01OCT09A	31JAN10A	31JAN10A		100	49,992.00	C												
	Procurement																					
	1001-0062	Prep Req & Proc Package - Tiles (ATJ)	30*	25OCT11A	30NOV11A	30NOV11A		100	7,265.20	E												
	1001-0063	Submit Req. to Procurement - Tiles (ATJ)	10*	28NOV11A	09DEC11A	09DEC11A		100	726.52	E												
	1001-0064	Bid & Award (Proc Lead Time - Tiles (POCO-TM)	40*	16JAN12A	22FEB12A	22FEB12A		100	5,812.16	C												
	1001-0065	Award - Tiles (POCO-TM)	7*	23FEB12A	29FEB12A	29FEB12A		100	0.00	E												
	1001-0066	Fabricate and Deliver - (POCO-TM) Material	40	12MAR12A	04MAY12	04MAY12	163	50	123,877.11	C												
	1001-0066B	Prep Req/Proc Pckg-Machine Tile(Diagnostic/Norml	20	12MAR12A	06APR12	06APR12	120	10	6,212.60	E												
	1001-0066C	Sub Req. to Procurement-Mach Tiles(Diagn/Normal)	2	09APR12	10APR12	10APR12	120	0	726.52	E												
	1001-0066D	Bid/Award(Proc Lead Time-Mach Tile(Diagn/Normal)	39	31AUG12*	25OCT12	25OCT12	40	0	5,876.08	E												
	1001-0066E	Award - Machine Tiles(Diagnostic/Normal)	2	26OCT12*	29OCT12	29OCT12	40	0	0.00	E												
	1001-0071	Prep Req & Proc Package - hardware, other materl	10	09APR12	20APR12	20APR12	130	0	6,212.60	E												
	1001-0072	Submit Req. to Procurement - hardware, other mat	2	01AUG12*	02AUG12	02AUG12	60	0	726.52	E												
	1001-0073	Procurement Lead Time - hardware, other material	40	03AUG12	28SEP12	28SEP12	60	0	5,812.16	C												
	1001-0074	Award - hardware, other materials	1	01OCT12	01OCT12	01OCT12	60	0	0.00	E												
	1001-0075	Fabricate and Deliver - hardware, other material	160	02OCT12	24MAY13	24MAY13	60	0	266,093.60	C												
	1001-0078	Fab/Assembly Procedures	30	07AUG12	18SEP12	18SEP12	199	0	21,795.60	E												
	1001-0082	Installation Procedure	30	19SEP12	30OCT12	30OCT12	199	0	22,156.40	E												
	1001-0083	Tile Re-fit, as needed, additional machining	30	11JUN13	24JUL13	24JUL13	50	0	30,994.80	E												

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											FY11	FY12	FY13	FY14	
	Fabrication / Assembly														
	1001-0066F	Fabricate/Machine tiles + diagnostics	85	30OCT12	08MAR13	08MAR13	40	0	350,847.05	C	41=250,000 ;35=2,000 EM//EM=85;48-30,000				
	1001-0069	Tile Bakeout	40	11MAR13	03MAY13	03MAY13	75	0	60,000.00	C		41=50,000 ;			
	1001-0079	Tile Assembly with Hardware	40	11JUN13	07AUG13	07AUG13	50	0	35,400.36	C	EM//EM =32 ; EM//tb =300				
Job: 1002 -Passive Plate Analyss &Upgrade-ATNAFU															
	Final Design														
	1000-0014	Maintain Disruption Scenarios (xfer from 1000)	305	01JUL10A	19SEP11A	19SEP11A		100	18,823.36	C		EA//EM =100 ;			
	1002-0005	Check/Correct Vector Potential Solution	21	03MAY10A	01JUN10A	01JUN10A		100	0.00	C					
	1002-0014	Disposition PDR Chits	144	02JUN10A	02DEC10A	02DEC10A		100	14,288.68	C		EA//EM =80 ;			
	1002-0015	Check/Correct Vector Potential Solution	200	02JUN10A	29OCT10A	29OCT10A		100	14,055.04	C		EA//EM =80 ;			
	1002-0016	Run Disruption files based on lower background F	200	02JUN10A	29OCT10A	29OCT10A		100	10,541.28	C		EA//EM =60 ;			
	1002-0018	Complete Bolting and Bracket Evaluation	369*	02JUN10A	28OCT11A	28OCT11A		100	3,756.45	C		EA//EM =20 ;			
	1002-0019	Monitor fiberoptic Disruption Instrumentation	200	02JUN10A	02DEC10A	02DEC10A		100	7,144.34	C		EA//EM =40 ;			
	1002-0020	Fatigue Assessment / Evaluation	218	02JUN10A	15APR11A	15APR11A		100	7,376.71	C		EA//EM =40 ;			
	1002-0021	Input to the DCPS	200	02JUN10A	29OCT10A	29OCT10A		100	7,027.52	C		EA//EM =40 ;			
	1002-0025A	Determine Passive Plates Hardware Impact	369*	02JUN10A	28OCT11A	28OCT11A		100	0.00	C		EA//EM =20 ; 41=0 ;			
	1002-0025B	Prototype Fabrication-PP Reinforcement	8	07DEC11A	16DEC11A	16DEC11A		100	3,072.64	E		EMT/TB=32hrs			
	1002-0029	Bracket re-work, in-house	326	02JUN10A	30SEP11A	30SEP11A		100	3,746.07	C		EA//EM =20 ;			
	1002-0030	Drawing Update (As Builts)	241	02JUN10A	18MAY11A	18MAY11A		100	7,408.25	C		EA//EM =40 ;			
	1002-0099	PP analysis complete for FDR	138	03JAN11A	15JUL11A	15JUL11A		100	0.00	C					
	FY101002	FY10 Actual Cost	105	04JAN10A	28MAY10A	28MAY10A		100	84,302.00	C					
	FY101002A	FY10 Actual Cost	110	03MAY10A	30SEP10A	30SEP10A		100	59,078.00	C	81=85607				
	Final Design - TITUS														
	1002-0017	Add Halo Loads	426*	02JUN10A	09FEB12A	09FEB12A		100	7,567.45	C		EA//EM =40 ;			
	Passive Plate Reinforcement - Neway Atnatu														
	1002-0025C	Prepare Work Planning Form-PP Reinforcement	8	09JAN12A	18JAN12A	18JAN12A		100	7,265.20	E		EM//EM=40hrs			
	1002-0025D	Design Drawings-PP Reinforcement	20	19JAN12A	31JAN12A	31JAN12A		100	33,419.80	E		EM//EM=100hrs;EA//SB=120hrs			
1002-0025E	Prepare Procurement Specs-PP Reinforcement	23*	01FEB12A	29FEB12A	29FEB12A		100	5,812.16	E		EM//EM=32hrs				
1002-0025F	N/R Peer Review Preparation-PP Reinforcement	4	01FEB12A	01FEB12A	01FEB12A		100	5,812.16	E		EM//EM=32hrs				
1002-0025G	N/R Conduct Peer Review-PP Reinforcement	2	01FEB12A	01FEB12A	01FEB12A		100	2,906.08	E		EM//EM=16hrs				
1002-0025H	Procurement Oversight-PP Reinforcement	41	20FEB12A	16APR12	16APR12	447	50	14,530.40	E		EM//EM=80hrs				
1002-0025I	Proc Inconel 718 bots/washers-PP Reinforcement	79	19MAR12A	05JUL12	05JUL12	358	18	80,400.00	C		M&S = \$67 K				
1002-0025J	Procure Grafoil Gaskets-PP Reinforcement	30	20FEB12A	29FEB12A	29FEB12A		100	2,399.04	C		M&S = \$2 K				
1002-0025K	Instl Proc, Work Permit, JHA-PP Reinforcement	5	20FEB12A	29FEB12A	29FEB12A		100	7,265.20	E		EM//EM = \$2 K				
1002-0025L	Instl of Passive Plate Fasteners (Eng Overview)	20	06JUL12	02AUG12	02AUG12	358	0	14,530.40	E		EM//EM=80hrs				
1002-0025M	Comp doc (Procedure, Work Permit,-PP Reinforcemt	5	12MAR12A	26MAR12A	26MAR12A		100	1,453.04	E		EM//EM=8hrs				
Job: 1200 - Vacuum Vsl & Struct Support-SMITH															
	Final Design														
	FY091210	FY09 Actual Cost	22	23FEB09A	30SEP09A	30SEP09A		100	571,717.00	C					
	FY101200	FY10 Actual Cost	100	01DEC09A	30APR10A	30APR10A		100	370,213.00	C					

Activity ID		Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11	FY12	FY13	FY14	
	FY101200A	FY10 Actual Cost	110	03MAY10A	30SEP10A	30SEP10A		100	360,410.00	C	81=349,900				
	FY101210	FY10 Actual Cost	150	01OCT09A	28MAY10A	28MAY10A		100	207,020.00	C					
Job: 1201 - Outer TF Structures-SMITH															
Final Design															
1201-0009	Dsgn Eng/CAD Models: Iteration, Optimizatn, Updt		30	03MAY10A	14JUN10A	14JUN10A		100	0.00	C					
1201-0010	Complete Preliminary CAD Models		10	09JUN10A	22JUN10A	22JUN10A		100	0.00	C					
1201-0011	Mockups:outer link, real estate issues(# of it 4		66	03MAY10A	04AUG10A	04AUG10A		100	0.00	C					
1201-0013	ME Analysis/CAD Model Iterations-Strsss/EM/Therml		32	03MAY10A	16JUN10A	16JUN10A		100	0.00	C					
1201-0014	Analysis of Preliminary Design Approved		1	16JUN10A	16JUN10A	16JUN10A		100	0.00	C					
1201-0016	PDR		1	24JUN10A	24JUN10A	24JUN10A		100	0.00	C					
1201-0018	Dsgn Eng & CAD Models: Iterations, Optim & Updat		61	24JUN10A	16AUG10A	16AUG10A		100	0.00	C					
1201-0021	DOE CD-2 (Lehman) Review		1	11AUG10A	11AUG10A	11AUG10A		100	0.00	C					
1201-0024	PDR CAD model Compld-Outr supp ring/clamp/sprng		1	16AUG10A	16AUG10A	16AUG10A		100	0.00	C					
1201-0028	Det Dsgn Eng, CAD/Analysis Iterations(34mod)		271	17AUG10A	15AUG11A	15AUG11A		100	29,817.20	C					
1201-0029	Update Design Drawings		1	24JUN10A	16AUG10A	16AUG10A		100	0.00	C					
1201-0030	Design Drawings (13dw)		144	23FEB11A	31AUG11A	31AUG11A		100	14,572.74	C					
1201-0031	Final Design Analysis		297*	24SEP10A	30NOV11A	30NOV11A		100	77,913.00	C					
1201-0031A	VV Clevis & Pins - Final Dsgn Analysis		361*	24JUN10A	30NOV11A	30NOV11A		100	0.00	C					
1201-0031B	98Rods & Rod Ends- Final Dsgn Analysis		361*	24JUN10A	30NOV11A	30NOV11A		100	0.00	C					
1201-0031C	Weldment - Final Dsgn Analysis		361*	24JUN10A	30NOV11A	30NOV11A		100	0.00	C					
1201-0031D	Weldment Bolted Joints - Final Dsgn Analysis		331	24JUN10A	30SEP11A	30SEP11A		100	0.00	C					
1201-0031E	Weldment Clevis & Pins - Final Dsgn Analysis		331	24JUN10A	30SEP11A	30SEP11A		100	0.00	C					
1201-0032	Validation of Design Complete		199*	21FEB11A	01DEC11A	01DEC11A		100	5,804.71	C					
1201-0032A	VV Clevis & Pins - Validation of Dsgn Complete		199*	21FEB11A	01DEC11A	01DEC11A		100	0.00	C					
1201-0032B	Rods & Rod Ends- Validation of Dsgn Complete		199*	21FEB11A	01DEC11A	01DEC11A		100	0.00	C					
1201-0032C	Weldment - Validation of Dsgn Complete		219	21FEB11A	06JAN12A	06JAN12A		100	0.00	C					
1201-0032D	Weldment Bolted Joints - Validation of Dsgn Comp		331	21FEB11A	30SEP11A	30SEP11A		100	0.00	C					
1201-0032E	Weldment Clevis & Pins -Validation of Dsgn Compl		199*	21FEB11A	28OCT11A	28OCT11A		100	0.00	C					
1201-0033	Update CAD Models per Validation		219	21FEB11A	06JAN12A	06JAN12A		100	4,268.41	C					
1201-0034	Revise Fabrication & Assembly Drawings per Valid		179	18APR11A	06JAN12A	06JAN12A		100	6,535.48	C					
1201-0035	Review, Check Drawings		137	19SEP11A	06APR12	06APR12	144	99	7,979.34	E					
1201-0035A	VV Clevis & Pins - Revw, Check Drawings		117	17OCT11A	06APR12	06APR12	144	99	0.00	C					
1201-0035B	Rods & Rod Ends- Revw, Check Drawings		52	17OCT11A	16JAN12A	16JAN12A		100	0.00	C					
1201-0035C	Weldment - Revw, Check Drawings		70*	17OCT11A	31JAN12A	31JAN12A		100	0.00	C					
1201-0035D	Weldment Bolted Joints - Revw, Check Drawings		82*	19SEP11A	20JAN12A	20JAN12A		100	0.00	C					
1201-0035E	Weldment Clevis & Pins -Revw, Check Drawings		82*	17OCT11A	09FEB12A	09FEB12A		100	0.00	C					
1201-0035F	Assembly Dwgs -Reww, Check Drawings		137	17OCT11A	04MAY12	04MAY12	144	95	0.00	C					
1201-0036	Drawings ready for FDR		19	23MAY11A	17JUN11A	17JUN11A		100	0.00	C					
1201-0038	FDR		3	22JUN11A	24JUN11A	24JUN11A		100	0.00	C					
Procurement															
1201-0042	Prep Req & Procurement Package		69	03JAN12A	06APR12	06APR12	144	95	5,812.16	E					

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS												
											FY11			FY12			FY13			FY14		
	1201-0042A	VV Clevis - Prep Req & Procur Pckg (IN-HOUSE)	7	29MAR12A	06APR12	06APR12	144	50	0.00	C												
	1201-0042B	TFOL Conn Rod - Prep Req & Procur Pckg	20*	11JAN12A	07FEB12A	07FEB12A		100	0.00	C												
	1201-0042C	TFOL Rod Ends - Prep Req & Procur Pckg	20*	11JAN12A	07FEB12A	07FEB12A		100	0.00	C												
	1201-0042D	TFOL Rods End SP Bearings-Prep Req & Procur Pckg	20*	23JAN12A	09FEB12A	09FEB12A		100	0.00	C												
	1201-0042E	Weldment - Prep Req & Procur Pckg	9*	23JAN12A	02FEB12A	02FEB12A		100	0.00	C												
	1201-0042F	Weldment Bolted Joints - Prep Req & Procur Pckg	9*	23JAN12A	02FEB12A	02FEB12A		100	0.00	C												
	1201-0042G	Weldment Clevis - Prep Req & Procur Pckg	6	09FEB12A	09FEB12A	09FEB12A		100	0.00	C												
	1201-0042H	Pins & Hardware - Prep Req & Procur Pckg	29*	23JAN12A	09FEB12A	09FEB12A		100	0.00	C												
	1201-0043	Subm Req to Proc	63	11JAN12A	06APR12	06APR12	144	95	0.00	E												
	1201-0043A	VV Clevis - Submit Req to Procurement(IN-HOUSE)	0		06APR12	06APR12	144	0	0.00	C												
	1201-0043B	TFOL Conn Rod - Subm Req to Proc BPA	25*	11JAN12A	09FEB12A	09FEB12A		100	0.00	C												
	1201-0043C	TFOL Rod Ends - BPA	25*	11JAN12A	09FEB12A	09FEB12A		100	0.00	C												
	1201-0043D	TFOL Rods End SP Bearings - Submit Req to Proc	0		09FEB12A	09FEB12A		100	0.00	C												
	1201-0043E	Weldment - Subm Req to Proc BPA	15*	30JAN12A	09FEB12A	09FEB12A		100	0.00	C												
	1201-0043F	Weldment Bolted Joints - Subm Req to Proc BPA	15*	30JAN12A	09FEB12A	09FEB12A		100	0.00	C												
	1201-0043G	Weldment Clevis - Submit Req to Procurement	0		09FEB12A	09FEB12A		100	0.00	C												
	1201-0043H	Pins & Hardware - Submit Req to Procurement	29*	30JAN12A	09FEB12A	09FEB12A		100	0.00	C												
	1201-0044	Procurement Processing	50	30JAN12A	06APR12	06APR12	144	85	0.00	E												
	1201-0045	Submit for Vendor Quotes	50	30JAN12A	06APR12	06APR12	144	85	0.00	E												
	1201-0046	Eval Quotes	43	30JAN12A	23MAR12A	23MAR12A		100	1,453.04	C												
	1201-0047	Tech Eval of Vendors	43	30JAN12A	23MAR12A	23MAR12A		100	2,906.08	C												
	1201-0048	5Award / Order Approved	55	31JAN12A	16APR12	16APR12	144	85	0.00	E												
	1201-0048A	Fabricate Components - Outer TF Structure	55	31JAN12A	16APR12	16APR12	144	10	464,390.40	C												
	1201-0049	Vendor Oversight	55	31JAN12A	16APR12	16APR12	144	75	7,265.20	C												
	1201-0050	N/R Receipt of Hardware(PARTIAL SHIPMENT)	62*	29FEB12A	21MAR12A	21MAR12A		100	0.00	E												
	1201-0051	QA Inspection	66	01MAR12A	01JUN12	01JUN12	144	50	6,243.63	E												
	1201-0052	N/R Resolve Procurement Issues	5	31JAN12A	31JAN12A	31JAN12A		100	363.26	E												
	1201-0053	Documentation: Assembly Procedures	15	31JAN12A	31JAN12A	31JAN12A		100	4,867.68	E												
	1201-0055	N/R Outer TF Structure Parts ready installation	54*	12MAR12A	21MAR12A	21MAR12A		100	0.00	E												
	1201-0055B	TFOL Conn Rod - BPA DELIVERY	0		18APR12	18APR12	270	0	0.00	C												
	1201-0055C	TFOL Rod Ends - BPA DELIVERY	0		26APR12	26APR12	249	0	0.00	C												
	1201-0055E	Weldment - BPA DELIVERY	0		02APR12	02APR12	282	0	0.00	C												
	1201-0055F	Weldment Bolted Joints - BPA DELIVERY	0		18APR12	18APR12	270	0	0.00	C												
	1201-0055G	Weldment Clevis - TECH SHOP	0		26APR12	26APR12	249	0	0.00	C												
	1201-0055H	Pins & Hardware - REQ P-CARD	0		17MAY12	17MAY12	249	0	0.00	C												
	12010031B1	N/A Analysis: Ring, Bracket, Spring Link	57	16AUG10A	16AUG10A	16AUG10A		100	0.00	C												
	12010031C1	N/A Analysis:Keep Clevis Bracket Load Stress Upd	63	16AUG10A	16AUG10A	16AUG10A		100	0.00	C												
	12010031D1	N/A OTF Analysis: Fatigue Assesment	63	16AUG10A	16AUG10A	16AUG10A		100	0.00	C												
	12010031E1	N/A Analysis: Write. Check, File Calculations	63	16AUG10A	16AUG10A	16AUG10A		100	0.00	C												
	12010031F1	N/A Analysis: DCOS Input	63	16AUG10A	16AUG10A	16AUG10A		100	0.00	C												
	12010031G1	N/A Analysis: Insul Bond Shear/Copper Stress/CC	63	16AUG10A	16AUG10A	16AUG10A		100	0.00	C												
Fabrication / Assembly																						
	1201-0054	N/R Assembly of Components	20	12MAR12A	21MAR12A	21MAR12A		100	8,950.52	E												

		Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11	FY12	FY13	FY14
		1201-0056	Handling / Warehouse / Storage	50	02APR12	11JUN12	11JUN12	822	0	9,217.92	C				
Job: 1202 - Outer PF2 Coil Structures-SMITH															
Final Design															
		1202-0008	Input F/Analysis Group:Prelim Analysis of PF2	1	01JUL10A	01JUL10A	01JUL10A		100	0.00	C				
		1202-0009	Dsgn Eng/CAD Models: Iteration, Optimizatn, Updt	30	03MAY10A	14JUN10A	14JUN10A		100	0.00	C				
		1202-0010	Complete Preliminary CAD Models	10	09JUN10A	22JUN10A	22JUN10A		100	0.00	C				
		1202-0013	ME Analysis/CAD Model Iterations-Strss/EM/Therml	32	03MAY10A	16JUN10A	16JUN10A		100	0.00	C				
		1202-0014	Analysis of Preliminary Design Approved	1	16JUN10A	16JUN10A	16JUN10A		100	0.00	C				
		1202-0016	PDR	1	23JUN10A	23JUN10A	23JUN10A		100	0.00	C				
		1202-0021	DOE CD-2 (Lehman) Review	1	11AUG10A	11AUG10A	11AUG10A		100	0.00	C				
		1202-0028	Update CAD & Design Drawings(10mod/4dwgs)	113	16AUG10A	31JAN11A	31JAN11A		100	8,485.33	C				
		1202-0030	N/A Dsgn Drawing Ready for Checking & Validation	1	16AUG10A	16AUG10A	16AUG10A		100	0.00	C				
		1202-0031	Validate Analysis: Stress, EM, Thermal	130	24JUN10A	31AUG10A	31AUG10A		100	0.00	C				
		1202-0032	Analysis & Validation of Design Complete	251	04OCT10A	04OCT11A	04OCT11A		100	4,874.91	C				
		1202-0033	Update CAD Models per Validation	159	21FEB11A	04OCT11A	04OCT11A		100	1,249.38	C				
		1202-0034	Revise Fabrication & Assembly Dwgs per Validatn	159	21FEB11A	04OCT11A	04OCT11A		100	1,999.01	C				
		1202-0035	Review, Check Drawings	59*	12SEP11A	23NOV11A	23NOV11A		100	3,112.09	E				
		1202-0036	Drawings ready for FDR	19	23MAY11A	17JUN11A	17JUN11A		100	0.00	C				
		1202-0038	FDR	3	22JUN11A	24JUN11A	24JUN11A		100	0.00	C				
Procurement															
		1202-0042	Prep Req & Procurement Package	25	23NOV11A	06JAN12A	06JAN12A		100	2,179.56	E				
		1202-0043	Submit Req to Procurement	45*	12DEC11A	22FEB12A	22FEB12A		100	0.00	E				
		1202-0044	Procurement Processing BPA	25	31JAN12A	24FEB12A	24FEB12A		100	0.00	E				
		1202-0045	Submit for Vendor Quotes	1	31JAN12A	31JAN12A	31JAN12A		100	0.00	E				
		1202-0046	Eval Quotes BPA	25	31JAN12A	24FEB12A	24FEB12A		100	181.63	C				
		1202-0048	Award / Order Approved BPA	10*	27FEB12A	27FEB12A	27FEB12A		100	0.00	E				
		1202-0049	N/A Vendor Oversight	65	31JAN12A	31JAN12A	31JAN12A		100	0.00	C				
		1202-0050	Receipt of Hardware PF2 - BPA DELIVERY	31	31JAN12A	23MAR12A	23MAR12A		100	16,206.00	E				
		1202-0051	N/R QA Inspection	10	31JAN12A	31JAN12A	31JAN12A		100	387.23	E				
		1202-0052	N/R Resolve Procurement Issues	5	31JAN12A	31JAN12A	31JAN12A		100	181.63	E				
		1202-0055	Pf2 Parts ready for installation	1	19MAR12A	23MAR12A	23MAR12A		100	0.00	E				
		1202-0056	Handling / Warehouse / Storage	1	23MAR12A	23MAR12A	23MAR12A		100	102.80	E				
Job: 1203 - PF3 Support.-SMITH															
Final Design															
		1203-0013	ME Analysis/CAD Model Iterations-Strss/EM/Therml	32	03MAY10A	16JUN10A	16JUN10A		100	0.00	C				
		1203-0014	Analysis of Preliminary Design Approved	1	16JUN10A	16JUN10A	16JUN10A		100	0.00	C				
		1203-0016	PDR	1	23JUN10A	23JUN10A	23JUN10A		100	0.00	C				
		1203-0021	DOE CD-2 (Lehman) Review	1	11AUG10A	11AUG10A	11AUG10A		100	0.00	C				
		1203-0029	Update CAD & Design Drawings (2mod/2dwgs)	115	17AUG10A	31JAN11A	31JAN11A		100	3,453.77	C				
		1203-0030	N/A Dsg Drawings Ready for Checking & Validation	1	16AUG10A	16AUG10A	16AUG10A		100	0.00	C				
		1203-0032	Analysis & Validation of Design Complete	251	04OCT10A	04OCT11A	04OCT11A		100	4,874.91	C				

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS					
											FY11	FY12	FY13	FY14	
	1203-0033	Update CAD Models per Validation	159	21FEB11A	04OCT11A	04OCT11A		100	249.88	C		EA//SB =02 ;			
	1203-0034	Revise Fabrication & Assembly Dwngs per Validatn	159	21FEB11A	04OCT11A	04OCT11A		100	999.50	C		EA//SB =08 ;			
	1203-0035	Review, Check Drawings	60*	09SEP11A	30NOV11A	30NOV11A		100	1,556.40	E		EM//EM =06 ; EA//SB =04 ;			
	1203-0036	Drawings ready for FDR	19	23MAY11A	17JUN11A	17JUN11A		100	0.00	C					
	1203-0038	FDR	3	22JUN11A	24JUN11A	24JUN11A		100	0.00	C					
	Procurement														
	1203-0042	Prep Req & Procurement Package:inconel Bolts	5	28NOV11A	30NOV11A	30NOV11A		100	2,179.56	E		EM//EM =12 ;			
	1203-0043	Submit Req to Procurement	1	30NOV11A	30NOV11A	30NOV11A		100	0.00	E					
	1203-0044	Procurement Processing	12*	03JAN12A	18JAN12A	18JAN12A		100	0.00	E					
	1203-0045	N/A Submit for Vendor Quotes	1	19JAN12A	19JAN12A	19JAN12A		100	0.00	E					
	1203-0046	Eval Quotes	11*	19JAN12A	02FEB12A	02FEB12A		100	181.63	C		em//em=1			
	1203-0048	Award / Order Approved - BPA	1	31JAN12A	31JAN12A	31JAN12A		100	0.00	E					
	1203-0049	N/R Vendor Oversight	127	25JAN12A	31JAN12A	31JAN12A		100	181.63	C		em//em=1			
	1203-0050	PF3 Receipt of Hardware - BPA DELIVERY	5*	01MAR12A	06MAR12A	06MAR12A		100	6,336.00	E		41=5,280 ;			
	1203-0051	QA Inspection	10	31JAN12A	31JAN12A	31JAN12A		100	1,137.72	E		EM//EM =04 ; EM//ST =04 ;			
	1203-0055	Parts ready for installation	1	01MAR12A	06MAR12A	06MAR12A		100	0.00	E					
	1203-0056	Handling / Warehouse / Storage	1	12MAR12A	12MAR12A	12MAR12A		100	102.80	E		em//st=1			
Job: 1204 - PF4/5 Leads & Radial Supports-SMITH															
Final Design															
1204-0009	Dsgn Eng/CAD Models: Iteration, Optimizatn, Updt	10	18MAY10A	01JUN10A	01JUN10A		100	0.00	C						
1204-0013	ME Analysis/CAD Model Iterations-Strss/EM/Therml	24	19MAY10A	22JUN10A	22JUN10A		100	0.00	C						
1204-0014	Analysis of Preliminary Design Approved	1	22JUN10A	22JUN10A	22JUN10A		100	0.00	C						
1204-0016	PDR	1	23JUN10A	23JUN10A	23JUN10A		100	0.00	C						
1204-0021	DOE CD-2 (Lehman) Review	1	10AUG10A	10AUG10A	10AUG10A		100	0.00	C						
1204-0028	Update CAD & Design Drawings(2mod/2dwg)	174	17AUG10A	28APR11A	28APR11A		100	3,639.99	C		EM//EM =06 ; EA//SB =22 ;				
1204-0030	N/A Dsg Drawings Ready for Checking & Validation	1	16AUG10A	16AUG10A	16AUG10A		100	0.00	C						
1204-0032	Analysis & Validation of Dsgn Complete(SEE 1208)	329*	04OCT10A	31JAN12A	31JAN12A		100	4,646.52	C		EA//EM =24 ;				
1204-0033	Update CAD Models per Validation(SEE 1208)	237*	21FEB11A	31JAN12A	31JAN12A		100	251.31	C		EA//SB =2 ;				
1204-0034	Rev Fab & Assembly Dwgs p/Valid(SEE 1208)	237*	21FEB11A	31JAN12A	31JAN12A		100	1,005.25	C		EA//SB =8 ;				
1204-0035	Review, Check Drawings (SEE 1208)	1	31JAN12A	31JAN12A	31JAN12A		100	1,416.71	E		EM//EM =5 ; EA//SB =4 ;				
1204-0036	Drawings ready for FDR	19	23MAY11A	17JUN11A	17JUN11A		100	0.00	C						
1204-0038	FDR	3	22JUN11A	24JUN11A	24JUN11A		100	0.00	C						
Job: 1205 - Umbrella-SMITH															
Lower Umbrella															
Final Design															
1205-0008	Input F/Analysis Group:Interface Detail to CS	1	01JUN10A	01JUN10A	01JUN10A		100	0.00	C						
1205-0009	Dsgn Eng/CAD Models: Iteration, Optimizatn, Updt	30	03MAY10A	14JUN10A	14JUN10A		100	0.00	C						
1205-0010	Complete Preliminary CAD Models	10	09JUN10A	22JUN10A	22JUN10A		100	0.00	C						
1205-0011	Mockups:CS Struct Real Estate Issues	66	03MAY10A	04AUG10A	04AUG10A		100	0.00	C						
1205-0013	ME Analysis/CAD Model Iterations-Strss/EM/Therml	32	03MAY10A	16JUN10A	16JUN10A		100	0.00	C						
1205-0014	Analysis of Preliminary Design Approved	1	16JUN10A	16JUN10A	16JUN10A		100	0.00	C						
1205-0016	PDR	1	24JUN10A	24JUN10A	24JUN10A		100	0.00	C						

		Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11				FY12				FY13				FY14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
		1205-0018	Dsgn Eng & CAD Models: Iterations, Optim & Updat	38	24JUN10A	17AUG10A	17AUG10A		100	0.00	C																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS				
											FY11	FY12	FY13	FY14
	1205-0045	Submit for Vendor Quotes	44*	31JAN12A	21MAR12A	21MAR12A		100	0.00	E				
	1205-0046	Eval Quotes	44*	31JAN12A	21MAR12A	21MAR12A		100	1,453.04	C				
	1205-0047	Tech Eval of Vendors	44*	31JAN12A	21MAR12A	21MAR12A		100	1,453.04	C				
	1205-0048	Award / Order Approved	44*	31JAN12A	21MAR12A	21MAR12A		100	0.00	E				
	1205-0049	Fab & Deliver incl Vendor Oversight	88	31JAN12A	01JUN12	01JUN12	202	27	171,318.70	C				
	1205-0050	Receipt of Hardware	66	01MAR12A	01JUN12	01JUN12	202	10	0.00	E				
	1205-0051	QA Inspection	66	01MAR12A	01JUN12	01JUN12	202	5	6,788.52	E				
	1205-0052	Resolve Procurement Issues	5	25MAY12	01JUN12	01JUN12	202	0	363.26	E				
	1205-0055	Parts ready for installation - BPA DELIVERY	88	31JAN12A	01JUN12	01JUN12	202	5	0.00	E				
	1205-0055C	Parts ready for installatn-U/L LEGS BPA DELIVERY	1	05APR12	05APR12	05APR12	242	0	0.00	E				
	1205-0055F	Parts ready f/installn-U/L Inconel Feet BPA DELV	1	01MAY12	01MAY12	01MAY12	224	0	0.00	E				
	Fabrication / Assembly													
	1205-0053	Documentation: Assembly Procedures	10	18MAY12	01JUN12	01JUN12	202	0	3,414.64	E				
	1205-0054	Assembly of Components	88*	31JAN12A	21MAR12A	21MAR12A		100	4,016.12	E				
	1205-0056	Handling / Warehouse / Storage	66	01MAR12A	01JUN12	01JUN12	828	5	768.16	E				
	Upper Umbrella													
	Final Design													
	1205-0066	Input F/Analysis Group:Interface Detail to CS	1	01JUN10A	01JUN10A	01JUN10A		100	0.00	C				
	1205-0067	Dsgn Eng/CAD Models: Iteration, Optimizatn, Updt	30	03MAY10A	14JUN10A	14JUN10A		100	0.00	C				
	1205-0068	Complete Preliminary CAD Models	10	09JUN10A	22JUN10A	22JUN10A		100	0.00	C				
	1205-0069	Mockups:CS Struct Real Estate Issues	66	03MAY10A	04AUG10A	04AUG10A		100	0.00	C				
	1205-0071	ME Analysis/CAD Model Iterations-Strss/EM/Therml	32	03MAY10A	16JUN10A	16JUN10A		100	0.00	C				
	1205-0072	Analysis of Preliminary Design Approved	1	16JUN10A	16JUN10A	16JUN10A		100	0.00	C				
	1205-0074	PDR	1	24JUN10A	24JUN10A	24JUN10A		100	0.00	C				
	1205-0076	Dsgn Eng & CAD Models: Iterations, Optim & Updat	38	24JUN10A	17AUG10A	17AUG10A		100	0.00	C				
	1205-0079	DOE CD-2 (Lehman) Review	1	11AUG10A	11AUG10A	11AUG10A		100	0.00	C				
	1205-0081	PDR CAD model Compld-Outr supp ring/clamp/sprng	1	18AUG10A	18AUG10A	18AUG10A		100	0.00	C				
	1205-0086	Final Dsgn Eng Iterations, DetailCAD (15mod)	314*	17AUG10A	15NOV11A	15NOV11A		100	18,696.19	C				
	1205-0086A	Final Dsgn Eng, CAD/Analysis-Lid & Torque Plate	304	17AUG10A	28OCT11A	28OCT11A		100	0.00	C				
	1205-0086B	Final Dsgn Eng, CAD/Analysis-Legs	304	17AUG10A	28OCT11A	28OCT11A		100	0.00	C				
	1205-0086C	Final Dsgn Eng, CAD/Analysis-AI Blocks	314*	17AUG10A	15NOV11A	15NOV11A		100	0.00	C				
	1205-0086D	Fin Dsgn Eng, CAD/Analysis-Overall Upper Umbrell	314*	17AUG10A	15NOV11A	15NOV11A		100	0.00	C				
	1205-0087	Final Design Analysis (UPPER)	345	17AUG10A	09JAN12A	09JAN12A		100	47,337.57	C				
	1205-0087A	Final design Analysis - Lid & Torque Plate	304*	17AUG10A	28OCT11A	28OCT11A		100	0.00	C				
	1205-0087B	Final design Analysis - Legs	345	17AUG10A	09JAN12A	09JAN12A		100	0.00	C				
	1205-0087C	Final design Analysis - AI Blocks	344	17AUG10A	06JAN12A	06JAN12A		100	0.00	C				
	1205-0087D	Final design Analysis - Overall Upper Umbrell	345	17AUG10A	09JAN12A	09JAN12A		100	0.00	C				
	1205-0088	Design Drawings (11dwgs)	177	23FEB11A	30SEP11A	30SEP11A		100	12,257.76	C				
	1205-0088A	Design Drawings - Lid & Torque Plate	304	23FEB11A	30SEP11A	30SEP11A		100	0.00	C				
	1205-0088B	Design Drawings - Legs	304	23FEB11A	30SEP11A	30SEP11A		100	0.00	C				
	1205-0088C	Design Drawings - AI Blocks	304	23FEB11A	30SEP11A	30SEP11A		100	0.00	C				
	1205-0088D	Design Drawings - Overall Upper Umbrell	304	23FEB11A	30SEP11A	30SEP11A		100	0.00	C				

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS												
											FY11			FY12			FY13			FY14		
	1205-0090	Validation of Design Complete (UPPER)	219	21FEB11A	06JAN12A	06JAN12A		100	2,906.51	C												
	1205-0090A	Validation of Design - Lid & Torque Plate	199	21MAR11A	06JAN12A	06JAN12A		100	0.00	C												
	1205-0090B	Validation of Dsgn-Legs & Inconel Feet	199	21MAR11A	06JAN12A	06JAN12A		100	0.00	C												
	1205-0090C	Validation of Design - AI Blocks Reinforcements	199	21MAR11A	06JAN12A	06JAN12A		100	0.00	C												
	1205-0090D	Validation of Design - Overall Upper Umbrell	199	21MAR11A	06JAN12A	06JAN12A		100	0.00	C												
	1205-0091	Update CAD Models per Validation	229	21FEB11A	16JAN12A	16JAN12A		100	1,883.76	C												
	1205-0092	Rev Fabrication & Assembly Dwgs per Valid(UPPER)	229	21FEB11A	16JAN12A	16JAN12A		100	5,525.69	C												
	1205-0093	Review, Check Drawings (UPPER)	147	24OCT11A	25MAY12	25MAY12	188	98	8,245.98	E												
	1205-0093A	Review, Check Drawings - Lid & Torque Plate	147	24OCT11A	25MAY12	25MAY12	188	90	0.00	E												
	1205-0093B	Review, Check Dwngs- Legs & Inconel Feet	47	24OCT11A	06JAN12A	06JAN12A		100	0.00	E												
	1205-0093C	Revw, Check Dwngs-AI Blocks/Arch Reinforcement	118	24OCT11A	16APR12	16APR12	188	95	0.00	E												
	1205-0093D	Review, Check Drawings - Overall Upper Umbrell	132	24OCT11A	04MAY12	04MAY12	188	95	0.00	E												
	1205-0094	Drawings ready for FDR	19*	23MAY11A	17JUN11A	17JUN11A		100	0.00	C												
	1205-0096	FDR	3	22JUN11A	24JUN11A	24JUN11A		100	0.00	C												
	Procurement																					
	1205-0100	Prep Req & Procurement Package	84	31JAN12A	25MAY12	25MAY12	188	80	7,265.20	E												
	1205-0100A	Prep Req & Proc Package - Lid	83	01FEB12A	25MAY12	25MAY12	188	10	0.00	E												
	1205-0100B	Prep Req & Proc Package - Torque Plate	22*	23FEB12A	08MAR12A	08MAR12A		100	0.00	E												
	1205-0100C	Prep Req & Proc Pckg-Legs	27*	19JAN12A	24FEB12A	24FEB12A		100	0.00	E												
	1205-0100D	Prep Req & Proc Package - ArcReinforcement Rings	10	16FEB12A	22FEB12A	22FEB12A		100	0.00	E												
	1205-0100E	Prep Req & Proc Package - AI Block Reinforcement	38	23FEB12A	16APR12	16APR12	188	75	0.00	E												
	1205-0100F	Prep Req & Proc Package - Inconel Feet	27*	19JAN12A	09FEB12A	09FEB12A		100	0.00	E												
	1205-0100G	Prep Req & Proc Pckg - Misc Reinforc & Harwr	48	29FEB12A	04MAY12	04MAY12	188	60	0.00	E												
	1205-0101	Submit Req to Procurement - UPPER	44*	31JAN12A	21MAR12A	21MAR12A		100	0.00	E												
	1205-0101A	Submit Req to Procurement - UPPER LID	1	21MAR12A	21MAR12A	21MAR12A		100	0.00	E												
	1205-0101B	Submit Req to Procurement - UPPER TORQUE PLATE	27*	23FEB12A	21MAR12A	21MAR12A		100	0.00	E												
	1205-0101C	Submit Req to Procurement - UPPER LEGS	19*	31JAN12A	09FEB12A	09FEB12A		100	0.00	E												
	1205-0101D	Submit Req to Proc - UPPER REINFORCEMENT RINGS	1	12MAR12A	12MAR12A	12MAR12A		100	0.00	E												
	1205-0101E	Submit Req to Proc - UPPER AL BLOCK	27*	23FEB12A	21MAR12A	21MAR12A		100	0.00	E												
	1205-0101F	Submit Req to Proc - UPPER INCONEL FEET	19*	31JAN12A	09FEB12A	09FEB12A		100	0.00	E												
	1205-0101G	Submit Req to Proc - UPPER MISC	1	20MAR12A	20MAR12A	20MAR12A		100	0.00	E												
	1205-0102	Procurement Processing	44*	31JAN12A	21MAR12A	21MAR12A		100	0.00	E												
	1205-0103	Submit for Vendor Quotes	44*	31JAN12A	21MAR12A	21MAR12A		100	0.00	E												
	1205-0104	Eval Quotes	44*	31JAN12A	21MAR12A	21MAR12A		100	1,453.04	C												
	1205-0105	Tech Eval of Vendors	44*	31JAN12A	21MAR12A	21MAR12A		100	1,453.04	C												
	1205-0106	Award / Order Approved	44*	31JAN12A	21MAR12A	21MAR12A		100	0.00	E												
	1205-0107	Fab & Deliver incl Vendor Oversight	88*	31JAN12A	21MAR12A	21MAR12A		100	7,265.20	C												
	1205-0108	Receipt of Hardware	66	01MAR12A	01JUN12	01JUN12	188	27	169,502.40	E												
	1205-0109	QA Inspection	66	01MAR12A	21JUN12	01JUN12	188	5	6,788.52	E												
	1205-0110	N/R - Resolve Procurement Issues	5	21MAR12A	21MAR12A	21MAR12A		100	363.26	E												
	1205-0113	Parts ready for installation	1	21JUN12	21JUN12	01JUN12	188	0	0.00	E												
	Fabrication / Assembly																					
	1205-0111	Documentation: Assembly Procedures	10	08JUN12	21JUN12	01JUN12	188	0	3,414.64	E												

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11				FY12				FY13				FY14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	1205-0112	Assembly of Components	15	21MAR12A	21MAR12A	21MAR12A		100	4,016.12	E																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

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Job: 1207 - Vessel Legs -SMITH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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1207-0013	ME Analysis/CAD Model Iterations-Strss/EM/Therml		24	19MAY10A	22JUN10A	22JUN10A		100	0.00	C																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
1207-0014	Analysis of Preliminary Design Approved		1	22JUN10A	22JUN10A	22JUN10A		100	0.00	C																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
1207-0016	PDR		1	23JUN10A	23JUN10A	23JUN10A		100	0.00	C																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
1207-0021	DOE CD-2 (Lehman) Review		1	10AUG10A	10AUG10A	10AUG10A		100	0.00	C																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
1207-0028	Updt CAD & Dsgn Dwgs, (3 CAD/2dwg		132	17AUG10A	31JAN11A	31JAN11A		100	4,127.34	C		EM//EM	=07		EA//SB	=25																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11	FY12	FY13	FY14
Job: 1208 - PF4&5 Verticle Support-SMITH														
Final Design														
	1208-0009	Dsgn Eng/CAD Models: Iteration, Optimizatn, Updt	20	03MAY10A	28MAY10A	28MAY10A		100	0.00	C				
	1208-0010	Complete Preliminary CAD Models	5	02JUN10A	08JUN10A	08JUN10A		100	0.00	C				
	1208-0011	Mockups:PF4/5 Vert Supp Struct Real Estate Issue	66	03MAY10A	04AUG10A	04AUG10A		100	0.00	C				
	1208-0013	ME Analysis/CAD Model Iterations-Strss/EM/Therml	24	19MAY10A	22JUN10A	22JUN10A		100	0.00	C				
	1208-0014	Analysis of Preliminary Design Approved	1	22JUN10A	22JUN10A	22JUN10A		100	0.00	C				
	1208-0016	PDR	1	23JUN10A	23JUN10A	23JUN10A		100	0.00	C				
	1208-0018	Dsgn Eng & CAD Models: Iterations, Optim & Updat	38	24JUN10A	17AUG10A	17AUG10A		100	0.00	C				
	1208-0021	DOE CD-2 (Lehman) Review	1	18AUG10A	18AUG10A	18AUG10A		100	0.00	C				
	1208-0028	Det Dsgn Eng, CAD (42 CAD)	315	16AUG10A	28OCT11A	28OCT11A		100	21,627.40	C				
	1208-0029	Final Design Analysis	315	16AUG10A	28OCT11A	28OCT11A		100	38,125.13	C				
	1208-0030	Design Drawings (23 dwg)	189	21FEB11A	28OCT11A	28OCT11A		100	25,764.36	C				
	1208-0032	Validation of Design Complete PF4/5 SUPPORT	254	21MAR11A	23MAR12A	23MAR12A		100	5,833.46	C				
	1208-0032A	Val Dsgn Compl EXISTNG PF4/5 SUPP:REPLMT	254	21MAR11A	23MAR12A	23MAR12A		100	0.00	C				
	1208-0032B	Valdtn of Design Complete NEW PF4/5 SUPP COLUMN	254	21MAR11A	23MAR12A	23MAR12A		100	0.00	C				
	1208-0032C	Validation of Design Complete PF4/5 SUPP CLAMPS	254	21MAR11A	23MAR12A	23MAR12A		100	0.00	C				
	1208-0033	Update CAD Models per Validation PF4/5 SUPPORT	294	21FEB11A	20APR12	20APR12	205	99	5,289.86	C				
	1208-0033A	Updt CAD Models Validtn PF4/5 SUPP:REPLMT	294	21FEB11A	20APR12	20APR12	205	99	0.00	C				
	1208-0033B	Updt CAD Models Validation NEW PF4/5 SUPP	294	21FEB11A	20APR12	20APR12	205	99	0.00	C				
	1208-0033C	Updt CAD Models Validation PF4/5 SUPP CLAMPS	294	21FEB11A	20APR12	20APR12	205	99	0.00	C				
	1208-0033D	Updt CAD Models Validation PF4/5 SUPP ASSEMBLIES	294	21FEB11A	20APR12	20APR12	205	99	0.00	C				
	1208-0034	Rev Fab & Assembly Drwns per Valid PF4/5 SUPPRT	294	21FEB11A	20APR12	20APR12	205	99	11,587.32	C				
	1208-0034A	Rev Fab/Asebl Dwgs Valid PF4/5 SUPP:REPLMT	294	21FEB11A	20APR12	20APR12	205	99	0.00	C				
	1208-0034B	Rev Fab/Assembly Dwg Valid NEW PF4/5 SUPP	294	21FEB11A	20APR12	20APR12	205	99	0.00	C				
	1208-0034C	Rev Fab/Assembly Drwns Valida PF4/5 SUPP CLAMPS	294	21FEB11A	20APR12	20APR12	205	99	0.00	C				
	1208-0034D	Rev Fab/Assembly Drwns Valid PF4/5 SUPP ASSEMBL	294	21FEB11A	20APR12	20APR12	205	99	0.00	C				
	1208-0035	Review, Check Drawings PF4/5 SUPPORT	122	24OCT11A	20APR12	20APR12	205	95	14,203.42	E				
	1208-0035A	Revw, Check Dwg EXIST PF4/5 SUPP:REPLMT	122	24OCT11A	20APR12	20APR12	205	95	0.00	E				
	1208-0035B	Revw, Check Drawings NEW PF4/5 SUPP COLUMN	122	24OCT11A	20APR12	20APR12	205	95	0.00	E				
	1208-0035C	Review, Check Drawings PF4/5 SUPP CLAMPS	122	24OCT11A	20APR12	20APR12	205	95	0.00	E				
	1208-0035D	Review, Check Drawings PF4/5 SUPP ASSEMBL	122	24OCT11A	20APR12	20APR12	205	95	0.00	E				
	1208-0036	Drawings ready for FDR	27	23MAY11A	17JUN11A	17JUN11A		100	0.00	C				
	1208-0038	FDR	3	22JUN11A	24JUN11A	24JUN11A		100	0.00	C				
Procurement														
	1208-0042	Prep Req & Proc Pckg PF4/5 SUPPORT	5	23APR12	27APR12	27APR12	205	0	5,812.16	E				
	1208-0042A	Prep Req/Proc Pckg EXIST PF4/5 SUPP:REPLMT	5	23APR12	27APR12	27APR12	205	0	0.00	E				
	1208-0042B	Prep Req & Proc Pckg NEW PF4/5 SUPP COLUMN	5	23APR12	27APR12	27APR12	205	0	0.00	E				
	1208-0042C	Prep Req & Proc Pckg PF4/5 SUPP CLAMPS	5	23APR12	27APR12	27APR12	205	0	0.00	E				
	1208-0042D	Prep Req & Proc Pckg PF4/5 SUPP ASSEMBL	5	23APR12	27APR12	27APR12	205	0	0.00	E				
	1208-0043	Submit Req to Proc PF4/5 SUPPORT	5	23APR12	27APR12	27APR12	210	0	0.00	E				

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS				
											FY11	FY12	FY13	FY14
	1208-0043A	Submit Req to Proc EXIST PF4/5 SUPP:REPLMT	5	23APR12	27APR12	27APR12	210	0	0.00	E				
	1208-0043B	Submit Req to Proc NEW PF4/5 SUPP COLUMN	5	23APR12	27APR12	27APR12	210	0	0.00	E				
	1208-0043C	Submit Req to Proc PF4/5 SUPP CLAMPS	5	23APR12	27APR12	27APR12	210	0	0.00	E				
	1208-0043D	N/R Submit Req to Proc PF4/5 SUPP ASSEMBL	5	28MAR12A	28MAR12A	28MAR12A		100	0.00	E				
	1208-0044	N/R Procurement Processing	5	28MAR12A	28MAR12A	28MAR12A		100	0.00	E				
	1208-0045	N/R Submit for Vendor Quotes	5	28MAR12A	28MAR12A	28MAR12A		100	0.00	E				
	1208-0046	N/R Eval Quotes	5	28MAR12A	28MAR12A	28MAR12A		100	1,453.04	C				
	1208-0047	N/R Tech Eval of Vendors	5	28MAR12A	28MAR12A	28MAR12A		100	2,906.08	C				
	1208-0048	N/R Award / Order Approved	1	28MAR12A	28MAR12A	28MAR12A		100	0.00	E				
	1208-0049	Fab & Deliver incl Vendor Oversight	23	30APR12	31MAY12	31MAY12	205	0	98,993.20	C				
	1208-0050	Receipt of Hardware	5	30MAY12	05JUN12	05JUN12	205	0	0.00	E				
	1208-0051	QA Inspection	10	06JUN12	19JUN12	19JUN12	205	0	1,878.76	E				
	1208-0052	N/R Resolve Procurement Issues	5	28MAR12A	28MAR12A	28MAR12A		100	363.26	E				
	1208-0055	N/R Parts ready for installation	1	28MAR12A	28MAR12A	28MAR12A		100	0.00	E				
Fabrication / Assembly														
	1208-0053	N/R Documentation: Assembly Procedures	10	28MAR12A	28MAR12A	28MAR12A		100	4,359.12	E				
	1208-0054	N/R Assembly of Components	15	28MAR12A	28MAR12A	28MAR12A		100	8,950.52	E				
	1208-0057	Handling / Warehouse / Storage	5	13JUN12	19JUN12	19JUN12	207	0	2,304.48	E				
Job: 1220 - Misc Structural Design-SMITH														
Final Design														
	1220-0016	Final Design Oversight (LOE)	458	01OCT10A	01AUG12	01AUG12	22	95	88,475.39	C				
	1220-0017	Design/Analysis support from EMEM (Willard)	79	04OCT10A	31JAN11A	31JAN11A		100	50,627.20	C				
	1220-0017A	Analysis VV Dome/NB Port & PF2/3 Rib	270	05OCT10A	30SEP11A	30SEP11A		100	6,328.40	C				
	1220-0017B	VV & Support Structure - Peer Review	0		18MAY11A	18MAY11A		100	0.00	B				
	1220-0020	Prep for FDR	5	09JUN11A	15JUN11A	15JUN11A		100	6,328.40	C				
	1220-0031	Misc/admin	456	05OCT10A	01AUG12	01AUG12	177	95	29,621.39	C				
	1220-1 PDR	Prelim Design Oversight	38	03MAY10A	24JUN10A	24JUN10A		100	0.00	C				
	1220-2 FDR	Final Design Oversight (LOE)	190	25JUN10A	30SEP10A	30SEP10A		100	40,250.16	C				
Job: 1300 - Center Stack-CHRZANOWSKI														
Final Design														
	1300-0010	Engineering & Dsgn Supp-Final Design (LOE)	249	03MAY10A	29APR11A	29APR11A		100	272,028.55	A				
	FY101300	FY10 Actual Cost	85	01JAN10A	30APR10A	30APR10A		100	48,143.00	C				
	FY101300A	FY10 Actual Cost (Corresponds to BCWP)	110	03MAY10A	30SEP10A	30SEP10A		100	-4,688.00	C				
Title III														
	1300-0011	Engineering and Design Support-Title III	604	02MAY11A	30SEP13	30SEP13	477	38	697,735.12	A				
Job: 1301 - Outer TF Coils-CHRZANOWSKI														
Final Design														
	FY101301	FY10 Actual Cost	22	01APR10A	30APR10A	30APR10A		100	1,607.00	C				
	FY101301A	FY10 Actual Cost	20	03MAY10A	28MAY10A	28MAY10A		100	18,245.00	C				

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11	FY12	FY13	FY14	
Job: 1301 - R&D for TF Joint -KOSUB	Procurement														
	1301-0010	Revise Outer TF Coil (OTF) Drawings	20	14DEC11A	18JAN12A	18JAN12A		100	17,895.68	E		EM//SB =120 ; EM//SM =16 ;			
	1301-0020	9595Generate Spec & SOW for OTF Purchase	29	31JAN12A	16MAR12A	16MAR12A		100	0.00	E					
	1301-0030	Prep Requisition & Submit to Procurement'	5	24SEP12*	28SEP12	28SEP12	15	0	0.00	E					
	1301-0040	Bid & Award OTF Manufacturing	0	01OCT12	28SEP12	28SEP12	15	0	0.00	E					
	1301-0050	Provide Existing OTFTooling to Vendor	1	01OCT12	01OCT12	01OCT12	15	0	0.00	E					
	1301-0060	Manufacture (2) OTF Coil	150	02OCT12	10MAY13	10MAY13	15	0	111,990.00	C	41=90,000	35=3,000			
	1301-0100	Prep Req & Submit to Proc-Support Castings/Clamp	15	13FEB12A	17FEB12A	17FEB12A		100	0.00	E					
	1301-0110	Bid & Award Al Supp Castings & SS Supp Clamps	45	20FEB12A	20APR12	20APR12	238	90	0.00	E					
	1301-0120	Fab & Del Al Supp Castings & SS Supp Clamps	40	01OCT12*	27NOV12	27NOV12	126	0	20,698.40	C			41=15,000	EM//SM =1	
	1301-0150	Bid & Award Epoxy/Glass for support blocks	30	02APR12	11MAY12	11MAY12	223	0	0.00	E					
	1301-0160	Fab & Del Epoxy/Glass	40	01OCT12*	27NOV12	27NOV12	126	0	22,047.60	C			41=15,000	EM//SM =2	
	1301-0180	Purchase Copper Fittings	20	01OCT12*	26OCT12	26OCT12	146	0	1,800.00	E			41=1,500		
	Fabrication / Assembly														
	1301-0200	Setup work area to install Supports	10	29APR13	10MAY13	10MAY13	15	0	15,710.40	E				EM//tb =160 ;	
	1301-0210	Install alum blocks & SS support clamps	30	13MAY13	24JUN13	24JUN13	15	0	47,731.20	E	EM//SM =120 ; EM//tb =60 ;	EM//tb =220 ;			
	Job: 1303 - R&D for TF Joint -KOZUB														
	Material for CSU R&D Plan														
Final Design															
1303-000A	1.2 Fatigue Test Verification - C18150 (TBD)	101	01SEP10A	31JAN11A	31JAN11A		100	0.00	C						
Single Flex Laminate CSU R&D Plan															
Final Design															
1303-000B2	2.2 In-Place Bending Stiffness	100	01SEP10A	31JAN11A	31JAN11A		100	0.00	C						
1303-000B3	2.3 Cyclic, Simulated Combined Tests	100	01SEP10A	31JAN11A	31JAN11A		100	0.00	C						
Full Flex Assembly CSU R&D Plan															
Final Design															
1303-000C1	3.1 Selection Braze vs Solder Between Laminates	1	15SEP10A	15SEP10A	15SEP10A		100	0.00	C						
1303-000C2	3.2 Manufacture Joint w/Actual Hardware & Copper	100	03JAN11A	20MAY11A	20MAY11A		100	0.00	C						
1303-000C3	3.3 Materials for Testing	112	15OCT10A	30MAR11A	30MAR11A		100	0.00	C						
1303-000C4	3.4 In-plane Bending Stiffnes (use Joint Sample)	148	15OCT10A	20MAY11A	20MAY11A		100	0.00	C						
1303-000C5	3.5 Cyclic, Simulated Combine Test(Joint Sample)	148	15OCT10A	20MAY11A	20MAY11A		100	0.00	C						
1303-000C6	3.6 Contact Pressure Distribtn/Therml Joint Tst	178	15OCT10A	05JUL11A	05JUL11A		100	0.00	C						
1303-000C7	Bellville Washer Test	63	04JAN11A	31MAR11A	31MAR11A		100	0.00	C						
1303-000C8	T-Slot Tiles	43	01FEB11A	30MAR11A	30MAR11A		100	0.00	C						
FSW Trials CSU R&D Plan															
Final Design															
1303-000D1	4.2 Verify C18150 can be Joint C10700 Conductors	1	10SEP10A	10SEP10A	10SEP10A		100	0.00	C						
Joint Inserts CSU R&D Plan															
Final Design															
1303-000E	5.1 Tap-Lok Insert Pullout Strength-Static/Fatig	114	13OCT10A	30MAR11A	30MAR11A		100	0.00	C						

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11	FY12	FY13	FY14
Insulation Bond Test CSU R&D Plan														
Final Design														
	1303-000F	X-6.1 Verif Shear Bond Strength Copper/Epoxy/Ins	1	31JAN11A	31JAN11A	31JAN11A		100	0.00	C				
Testing														
Final Design														
	1303-001	Test Engineering Design and Analysis	294	01MAY10A	05JUL11A	05JUL11A		100	53,397.36	C				
	1303-002	Materials Testing	267	01MAY10A	25MAY11A	25MAY11A		100	7,669.38	C				
	1303-003	Component Testing	267	01MAY10A	25MAY11A	25MAY11A		100	10,955.68	C				
	1303-004	Assembly Testing	209	01SEP10A	05JUL11A	05JUL11A		100	19,077.79	C				
	1303-005	Model Fabrication	245	01MAY10A	31AUG10A	31AUG10A		100	0.00	C				
	1303-011	Testing Design Support and M&S	160	01OCT10A	30MAR11A	30MAR11A		100	212,541.38	C				
	1303-014	Dog Bone Test	24	01JUN11A	05JUL11A	05JUL11A		100	0.00					
	1303-014A	TF Flex Joint Contact surface High Press Map	10	05JUL11A	18JUL11A	18JUL11A		100	0.00					
	1303-014B	Eval Method Measure Situ Flex Joint Bolt tensio	58	12JUL11A	30SEP11A	30SEP11A		100	0.00					
	1303-014C	Test Flex Conntr Creep/Lost Tension Connect Bolt	53	19JUL11A	30SEP11A	30SEP11A		100	0.00					
	1303-014D	Test Carbinite Friction Surface Test Samples	10	26JUL11A	29JUL11A	29JUL11A		100	0.00					
	FY101303	FY10 Actual Cost	85	01JAN10A	30APR10A	30APR10A		100	28,278.00	C				
	FY101303A	FY10 Actual Cost	110	03MAY10A	30SEP10A	30SEP10A		100	21,454.00	C				
Job: 1304 - Inner TF Bundle (Ds/Fab)-CHRZANOWSKI														
Inner TF Bundl;e Design														
Final Design														
	1304-0050	Perform Add'l Friction Stir Weld Trials-Phase II	75	01SEP10A	01OCT10A	01OCT10A		100	0.00	C				
	1304-0060	Fabricate Flex Bus Assy's for Testing (2)	42	01SEP10A	29OCT10A	29OCT10A		100	17,500.00	C				
	1304-0065	New Insulation Shear R&D Test	43	16SEP10A	15NOV10A	15NOV10A		100	27,269.77	C				
	1304-0065B	Second Insulation Shear R&D Test (60k cycle tes	60	24NOV10A	25FEB11A	25FEB11A		100	22,680.00	C				
	1304-0065C	Third Insulation Shear R&D Test (60k cycle tes	36	21FEB11A	11APR11A	11APR11A		100	0.00	C				
	1304-0065D	CDT Test #3	54*	15AUG11A	28OCT11A	28OCT11A		100	0.00	E				
	1304-0110	Design-Analyze Tension Strap	15	24JUN10A	15JUL10A	15JUL10A		100	0.00	C				
	1304-0130	Complete Analysis if TF Flex Bus	24	26JUL10A	26AUG10A	26AUG10A		100	0.00	C				
	1304-0140	Complete & Check Thermal Stresses	15	16JUL10A	05AUG10A	05AUG10A		100	0.00	C				
	1304-0150	Maintain input to Willards Flex Model (LOE)	191	24JUN10A	31JAN11A	31JAN11A		100	7,312.04	C				
	1304-0170	N/R Tooling/Fixturing Calculations	45	31AUG10A	31AUG10A	31AUG10A		100	0.00	C				
	1304-0180	N/R Calculation/Write/Check Files	80	31AUG10A	31AUG10A	31AUG10A		100	0.00	C				
	1304-0190	Analyze Pins & Crown	212	24JUN10A	29APR11A	29APR11A		100	37,156.65	C				
	1304-0210	Pedestal/Lower Skirt/TF Teeth Analysis	186	02AUG10A	29APR11A	29APR11A		100	37,556.25	C				
	1304-0220	Finish Torque for Upper Teeth & Covers Post Proc	182	02AUG10A	25APR11A	25APR11A		100	7,506.94	C				
	1304-0230	DCPS Input	218	24JUN10A	29APR11A	29APR11A		100	18,578.33	C				
	1304-0250	Complete Detail and Assembly CAD Drawings	228	24JUN10A	29APR11A	29APR11A		100	68,147.01	C				
	1304-0255	Inner TF Bundle - Peer review	0		18MAY11A	18MAY11A		100	0.00	B				
	1304-0260	Prepare for FDR	14	13JUN11A	17JUN11A	17JUN11A		100	4,996.40	C				

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11				FY12				FY13				FY14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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		1304-1130	Prep Req for Cu-Cr-Zr for OTF Lead Ext	10	09AUG12	22AUG12	22AUG12	157	0	0.00	E																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												</

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11				FY12				FY13				FY14						
	FY101305A	FY10 Actual Cost	110	03MAY10A	30SEP10A	30SEP10A		100	101,411.00	C	81=103106																		
Design																													
Final Design																													
	1305-0100	Finalize Calcs on OH Flow Optimization	25	24JUN10A	29JUL10A	29JUL10A		100	0.00	C																			
	1305-0110	Check Flow Rates on Cavitation Issues	10	01SEP10A	15SEP10A	15SEP10A		100	0.00	C																			
	1305-0120	Analyze Coax Lead Box Pete T.	272	30JUL10A	30AUG11A	30AUG11A		100	18,925.22	C		EA//EM =100 ;																	
	1305-0140	Fatigue Assessment	111	02AUG10A	14JAN11A	14JAN11A		100	3,689.43	C		EA//EM =20 ;																	
	1305-0180	Calculation write/check & file Pete T.	260*	04OCT10A	17OCT11A	17OCT11A		100	19,284.25	C		EA//EM =60 ; EA//EM =40 ;																	
	1305-0510	Complete Detail & Assembly CAD Drawings	161	01OCT10A	25MAY11A	25MAY11A		100	87,437.00	C		EA//SB =700 ;																	
	1305-0515	OHMIC Heating Coil - Peer review	0		18MAY11A	18MAY11A		100	0.00	B																			
	1305-0900	Prepare for FDR	34	02MAY11A	17JUN11A	17JUN11A		100	4,996.40	C		EA//SB =40 ;																	
	1305-0910	R&D for Tooling & For "Aquapour"	1	01JUN10A	14FEB11A	14FEB11A		100	53,214.58	C		EA//SB =40 ; EM//ST =244 ; EM//SM =80 ;																	
	1305-0915	N/R Additional R&D For "Aquapour"	20	31AUG10A	31AUG10A	31AUG10A		100	0.00	C																			
	1305-1410	Design TF Quadrant Mold (2)	161	14JAN11A	30AUG11A	30AUG11A		100	14,989.20	C		EA//SB =120 ;																	
	1305-1430	Design TF Full Mold (3)	1	15AUG11A	31AUG11A	31AUG11A		100	19,985.60	C		EA//SB =160 ;																	
	1305-1450	Design OH Mold (7)	21*	31JAN12A	22FEB12A	22FEB12A		100	20,342.40	E		EA//SB =160 ;																	
	1305-1470	Design OH Winding Clamps (8)	35*	12DEC11A	31JAN12A	31JAN12A		100	10,171.20	E		EA//SB =80 ;																	
	1305-1490	Design Lifting Beam -conductors & coils (4)	157	10JAN11A	25JUL11A	25JUL11A		100	9,992.80	C		EA//SB =80 ;																	
	1305-1510	Design Ground Wrap Station (6)	75	16MAY11A	30AUG11A	30AUG11A		100	4,996.40	C		EA//SB =40 ;																	
	1305-1530	Design Tension Unit 99)	41	26MAR12A	21MAY12	21MAY12	60	20	10,171.20	E		EA//SB =80 ;																	
	1305-1550	Design Mold for OH-TF Castable Material (10)	40	01NOV11A	07DEC11A	07DEC11A		100	7,628.40	E		EA//SB =60 ;																	
	1305-1580	Design Sandblast Station (5)	51	20JUN11A	30AUG11A	30AUG11A		100	9,992.80	C		EA//SB =80 ;																	
	1305-1610	Dsgn OH/TF Facility Area Layout incl CleanRoom-1	193	03JAN11A	30SEP11A	30SEP11A		100	29,978.40	C		EA//SB =240 ;																	
	1305-1620	N/R Elect Layout to Support Winding Area (11)	40	31AUG11A	31AUG11A	31AUG11A		100	37,771.20	C		EM//SM =240 ;																	
	1305-1630	Generate Manufacturing Procedures & Travelers	20	26MAR12A	27APR12	27APR12	60	20	0.00	E																			
Fabrication / Assembly																													
	1305-1570	Design Braze Station (12)	20	03JAN12A	12JAN12A	12JAN12A		100	10,171.20	E		EA//SB =80 ;																	
Tooling & Equipment setup																													
Fabrication / Assembly																													
	1304-1510	Supervise TF/OH Coil Manufacturing	240	19JUN12	05JUN13	05JUN13	52	0	239,545.20	A		Ea//em =1,200 ;																	
	1305-4010	Remove NCSX Tooling & Spare Parts from NCSX TC	187	10JAN11A	31AUG11A	31AUG11A		100	19,842.00	C		EM//ST =200 ;																	
	1305-4029A	CS High Bay Area Cleared	0		01DEC11A	01DEC11A		100	0.00	C																			
	1305-4030	Setup Winding Area	92	01DEC11A	16APR12	16APR12	45	80	57,612.00	C		EM//tb =600 ;																	
	1305-4050	Setup Winding Equipment	35	14FEB12A	02APR12	02APR12	45	70	46,089.60	C		EM//tb =480 ;																	
TF/OH Material Procurements																													
Procurement																													
	1304-3350	N/R Spec-TF conductor stands- tube soldering	10	22DEC11A	22DEC11A	22DEC11A		100	0.00	E																			
	1304-3352	Bid/Award TF Conductor Stands for Soldering	30	23JAN12A	30JAN12A	30JAN12A		100	0.00	E																			
	1304-3354	Fab & Del TF Conductor Stands for Soldering	43*	20FEB12A	29FEB12A	29FEB12A		100	22,448.00	C		EM//ST =160 ; 41=5,000 ;																	
	1304-3450	N/A Spec-TF conductor stands- for insulating	20	01SEP11A	01SEP11A	01SEP11A		100	0.00	E																			
	1304-3452	Bid/Award TF Conductor Stand for Insulating (TS)	30	29SEP11A	28OCT11A	28OCT11A		100	0.00	E																			

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS												
											FY11			FY12			FY13			FY14		
	1304-3454	Fab & Del TF Conductor Stands for Insulating	81*	28OCT11A	29FEB12A	29FEB12A		100	24,000.00	C												
	1304-3550	Spec TF Quadrant mold	20	01SEP11A	29SEP11A	29SEP11A		100	0.00	E												
	1304-3552	Bid/Award-TF Quadrant Mold	73	23SEP11A	20JAN12A	20JAN12A		100	0.00	E												
	1304-3554	Fab & Deliver TF Quadrant Mold	57	23JAN12A	10APR12	10APR12	79	95	105,090.80	C												
	1304-3600	N/A Spec - TF Full coil mold	20	01SEP11A	01SEP11A	01SEP11A		100	0.00	E												
	1304-3602	Bid/Award TF Full Coil Mold(REDO 3/23)	157	12SEP11A	27APR12	27APR12	112	50	0.00	E												
	1304-3604	Fab & Deliver Full TF Coil Mold	69	30APR12	06AUG12	06AUG12	112	0	117,363.20	C												
	1304-3700	Inspect/Procedure - In-House VPI delivery system	72	21NOV11A	16MAR12A	16MAR12A		100	0.00	E												
	1304-3702	N/R Bid/Award VPI Delivery System	30	22DEC11A	22DEC11A	22DEC11A		100	0.00	E												
	1304-3704	Fab & Deliver VPI Delivery System	60*	03JAN12A	21MAR12A	21MAR12A		100	40,448.00	C												
	1304-3800	Spec - Lift beam- conductor	20	01AUG11A	15AUG11A	15AUG11A		100	0.00	C												
	1304-3802	Bid/Award Lift Beam Conductor	30	16AUG11A	31AUG11A	31AUG11A		100	0.00	C												
	1304-3804	Fab & Deliver Lift Beam for Conductor (TECH SHOP	95*	29AUG11A	18NOV11A	18NOV11A		100	26,473.27	C												
	1304-3900	Spec - Lift Beam for coil	20	01AUG11A	15AUG11A	15AUG11A		100	0.00	C												
	1304-3902	Bid/Award - Lift Beam for Coil	30	16AUG11A	31AUG11A	31AUG11A		100	0.00	C												
	1304-3904	Fab & deliver Lift Beam for Coil (TECH SHOP)	93*	31AUG11A	18NOV11A	18NOV11A		100	38,692.10	C												
	1305-1900	N/A Spec- Taping machines [2]	20	30SEP11A	30SEP11A	30SEP11A		100	0.00	E												
	1305-1902	N/A Bid/Award - Taping Machines	30	30SEP11A	30SEP11A	30SEP11A		100	0.00	E												
	1305-1904	Fab & Deliver Taping Machines	60	01OCT12*	03JAN13	03JAN13	43	0	30,000.00	C												
	1305-2000	Spec- Tension unit	20	22MAY12	19JUN12	19JUN12	84	0	0.00	E												
	1305-2002	Bid/Award Tension Unit	30	20AUG12*	01OCT12	01OCT12	42	0	0.00	E												
	1305-2004	Fab & Deliver Tension Unit	60	02OCT12	04JAN13	04JAN13	42	0	31,638.00	C												
	1305-2100	Spec-Braze unit	20	16JAN12A	20JAN12A	20JAN12A		100	0.00	E												
	1305-2102	Bid/Award Braze Station & Work Coil	28*	23JAN12A	16FEB12A	16FEB12A		100	0.00	E												
	1305-2104	Fab & Deliver Braze Station & Work Coil	73	20FEB12A	31MAY12	31MAY12	187	40	40,740.00	C												
	1305-2200	Spec-Braze fixture and work coil	20	19DEC11A	22DEC11A	22DEC11A		100	0.00	E												
	1305-2210	Bid/Award Braze Fixture	55*	19DEC11A	20FEB12A	20FEB12A		100	0.00	E												
	1305-2220	Fab & Deliver Braze Fixture	76	20FEB12A	05JUN12	05JUN12	184	90	23,522.40	C												
	1305-2300	Spec Winding machine for OH	20	30SEP11A	30SEP11A	30SEP11A		100	0.00	E												
	1305-2310	Bid/Award Winding Machine for OH	139*	30SEP11A	30NOV11A	30NOV11A		100	0.00	C												
	1305-2320	Fab & Deliver Winding Machine for OH	92	01DEC11A	16APR12	16APR12	219	95	102,346.80	C												
	1305-2400	Spec - Mold for OH-TF spacer [Aquapour]	20	30NOV11A	30NOV11A	30NOV11A		100	0.00	E												
	1305-2410	Bid/Award Mold for OH-TF Spacer	42*	03JAN12A	22FEB12A	22FEB12A		100	0.00	E												
	1305-2420	Fab & Deliver Mold for OH-TF Spacer	39*	22FEB12A	29MAR12A	29MAR12A		100	12,000.00	C												
	1305-2500	Spec - OH winding clamps- 4-sets	20	23JAN12A	31JAN12A	31JAN12A		100	0.00	E												
	1305-2510	Bid/Award OH Winding Clamps - 4 sets	55*	31JAN12A	22FEB12A	22FEB12A		100	0.00	E												
	1305-2520	Fab & Deliver OH Winding Clamps 4 sets	39	22FEB12A	16APR12	16APR12	219	95	24,000.00	C												
	1305-2600	Spec - OH Mold	20	02APR12	27APR12	27APR12	22	0	0.00	E												
	1305-2610	Bid/Award OH Mold	30	20AUG12	01OCT12	01OCT12	22	0	0.00	E												
	1305-2620	Fab & Deliver OH Mold	80	02OCT12	01FEB13	01FEB13	22	0	117,710.40	C												
	1305-2650	Spec SandBlast Unit - Refurbish/Fab Stand	20	30SEP11A	30SEP11A	30SEP11A		100	0.00	E												

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS												
											FY11			FY12			FY13			FY14		
	1305-2652	Fabricate Sanblast Unit Stand (TECH SHOP)	50	04OCT11A	30NOV11A	30NOV11A		100	0.00	E												
	1305-2654	Refurbish Sandblast Unit (N/R)	80	30SEP11A	30SEP11A	30SEP11A		100	30,805.20	C												
	1305-2700	N/AMiscellaneous tools & fixtures	20	01SEP11A	01SEP11A	01SEP11A		100	0.00	E												
	1305-2702	N/A Bid/Award Misc Tools & Fixtures	30	30SEP11A	30SEP11A	30SEP11A		100	0.00	E												
	1305-2704	Fab & deliver Misc Tools & Fixtures	80	05JAN12A	25APR12	25APR12	212	20	54,726.40	C												
	1305-2800	Spec - "Aquapour"- castable material	20	05DEC11A	13DEC11A	13DEC11A		100	0.00	E												
	1305-2802	Bid/Award Aquapour	30	12DEC11A	16DEC11A	16DEC11A		100	0.00	E												
	1305-2820	Fab & Deliver Aquapour	60	14DEC11A	22DEC11A	22DEC11A		100	12,000.00	C												
	1305-2900	Spec-Insulation [fiberg tape, teflon and gnd p	29*	19SEP11A	27OCT11A	27OCT11A		100	0.00	E												
	1305-2902	Bid/Award - Insulation (OH/PF)	32*	07NOV11A	22DEC11A	22DEC11A		100	0.00	E												
	1305-2904	Fab & Deliver Insulation (OH/PF)	50	09JAN12A	23MAR12A	23MAR12A		100	24,000.00	C												
	1305-3000	N/A Epoxy- CTD-425	20	30SEP11A	30SEP11A	30SEP11A		100	0.00	E												
	1305-3002	Purchase Epoxy-CTD-425(SUBMITTED REQ 11/30)	37	19DEC11A	18JAN12A	18JAN12A		100	0.00	E												
	1305-3004	Deliver Epoxy-CTD-425 (3 DELIVERIES)	80	12APR12	03AUG12	03AUG12	88	0	141,528.00	C												
	1305-3100	Spec-Copper pre-tinned tubing [TF conductor]	20	01AUG11A	12AUG11A	12AUG11A		100	0.00	C												
	1305-3102	Purchase Copper pre-tinned tubing	30	15AUG11A	26AUG11A	26AUG11A		100	0.00	C												
	1305-3104	Deliver pre-tinned tubing	30	29AUG11A	31AUG11A	31AUG11A		100	6,300.00	C												
	1305-3300	Req/Order - Conductor primer(SUBMITTED REQ 11/30	20	05JAN12A	18JAN12A	18JAN12A		100	0.00	E												
	1305-3310	Deliver Conductor Primer	42*	31JAN12A	22FEB12A	22FEB12A		100	2,400.00	C												
	1305-3400	Req/Order-Safety and PPE equipment and supplies	80	19DEC11A	16APR12	16APR12	31	10	0.00	E												
	1305-3410	Fab & Deliver Safety & PPE	44	17APR12	18JUN12	18JUN12	31	0	6,000.00	C												
	1305-3500	Req/Order Miscellaneous supplies	73	05JAN12A	16APR12	16APR12	37	10	0.00	E												
	1305-3510	Fab & Deliver Misc Supplies	40	19MAR12A	11MAY12	11MAY12	69	5	24,000.00	C												
	1305-3600	Req/Order RTV & silicone caulk for mold sealing	20	05APR12	02MAY12	02MAY12	37	0	0.00	E												
	1305-3610	Fab & Deliver RTV & Silcone for Mold Sealing	20	03MAY12	31MAY12	31MAY12	37	0	6,000.00	E												
	1305-3700	Specify-valves & fittinngs (VPI Disposables)	37*	19DEC11A	09JAN12A	09JAN12A		100	0.00	E												
	1305-3710	Bid/Award-Valves & Fittings (VPI)	30	09JAN12A	20JAN12A	20JAN12A		100	0.00	E												
	1305-3720	Fab & Deliver Valves-Fittings (VPI)	88	23JAN12A	23MAY12	23MAY12	58	25	12,000.00	C												
	1305-3800	spec-High &Low Temp Vac Tubing (VPI)	54	19DEC11A	23MAR12A	23MAR12A		100	0.00	E												
	1305-3810	Bid/Award High & Low Temp Vac Tubing (VPI)	28	19MAR12A	28MAR12A	28MAR12A		100	0.00	E												
	1305-3820	Fab & deliver High & Low Temp Vac Tube (VPI)	40	12APR12	07JUN12	07JUN12	51	0	12,000.00	C												
	1305-3900	Fabricate - VPI manifolds	40*	20FEB12A	29FEB12A	29FEB12A		100	26,560.00	C												
	Fabrication / Assembly																					
	1305-2820A	Draw Mockup Assembly for Aquapour	11	02APR12	16APR12	16APR12	152	0	5,085.60	C												
	1305-2820B	Fabricate Mockup Assembly for Aquapour	17	08MAY12	31MAY12	31MAY12	152	0	8,161.20	C												
	1305-2820C	Perform Aquapour Test	10	09JUL12	20JUL12	20JUL12	152	0	15,363.20	C												
	OH Conductor & Other Hardware																					
	Procurement																					
	1305-0920	Generate SOW for OH Conductor	24	15AUG11A	16SEP11A	16SEP11A		100	0.00	E												
	1305-0930	Prep Requisition & Submit to Procurement	5	19SEP11A	23SEP11A	23SEP11A		100	0.00	E												
	1305-0940	Bid & Award OH Conductor Fabrication (PF)	29	03OCT11A	21NOV11A	21NOV11A		100	0.00	E												
	1305-0950	Manufacture OH Copper Conductor	96	01DEC11A	20APR12	20APR12	215	0	126,720.00	C												

		Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11				FY12				FY13				FY14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
		1305-0960	Generate Requisition for Kapton/Glass Insulation	47	07NOV11A	18JAN12A	18JAN12A		100	1,319.44	E																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS												
											FY11			FY12			FY13			FY14		
	1304-13504	Sandblast Quadrant#4 Conductors (Clean & Bag)	10	05OCT12	18OCT12	18OCT12	27	0	15,710.40	E												
	1304-1360	Apply Primer & Cure Quadrant#1 Conductors	3	22MAY12	24MAY12	24MAY12	40	0	4,608.96	E												
	1304-13602	Apply Primer & Cure Quadrant#2 Conductors	3	01AUG12	03AUG12	03AUG12	25	0	4,608.96	E												
	1304-13603	Apply Primer & Cure Quadrant#3 Conductors	3	11SEP12	13SEP12	13SEP12	26	0	4,608.96	E												
	1304-13604	Apply Primer & Cure Quadrant#4 Conductors	3	19OCT12	23OCT12	23OCT12	27	0	4,713.12	E												
	1304-13605	Transfer to Insulating Area Quadrant#2 Conductor	1	06AUG12	06AUG12	06AUG12	25	0	2,304.48	E												
	1304-13606	Transfer to Insulating Area Quadrant#3 Conductor	1	14SEP12	14SEP12	14SEP12	26	0	2,304.48	E												
	1304-13607	Transfer to Insulating Area Quadrant#4 Conductor	1	24OCT12	24OCT12	24OCT12	27	0	2,356.56	E												
	1304-1360A	Transfer to Insulating Area Quadrant#1 Conductor	1	25MAY12	25MAY12	25MAY12	40	0	2,304.48	E												
	Inner TF Quadrant 1																					
	Fabrication / Assembly																					
	1304-1520	Apply turn insulation Quadrant #1	6	11JUN12	18JUN12	18JUN12	31	0	18,435.84	E												
	1304-1530	Assemble Quadrant #1	10	19JUN12	02JUL12	02JUL12	31	0	38,408.00	E												
	1304-1540	Prepare VPI operation	3	03JUL12	06JUL12	06JUL12	31	0	9,217.92	E												
	1304-1550	VPI- fill quadrant #1	2	09JUL12	10JUL12	10JUL12	31	0	6,145.28	E												
	1304-1560	Cure VPI'd coil	8	11JUL12	20JUL12	20JUL12	31	0	6,145.28	E												
	1304-1570	Remove Quadrant #1 from mold	1	23JUL12	23JUL12	23JUL12	31	0	3,072.64	E												
	1304-1580	Cleanup quadrant	3	24JUL12	26JUL12	26JUL12	31	0	4,608.96	E												
	1304-1590	Perform T/T electrical tests	1	27JUL12	27JUL12	27JUL12	31	0	1,536.32	E												
	Inner TF Quadrant 2																					
	Fabrication / Assembly																					
	1304-1620	Apply turn insulation Quadrant #2	5	07AUG12	13AUG12	13AUG12	25	0	15,363.20	E												
	1304-1630	Assemble Quadrant #2	6	14AUG12	21AUG12	21AUG12	25	0	23,044.80	E												
	1304-1640	Prepare VPI operation	3	22AUG12	24AUG12	24AUG12	25	0	9,217.92	E												
	1304-1650	VPI- fill quadrant	2	27AUG12	28AUG12	28AUG12	25	0	6,145.28	E												
	1304-1660	Cure VPI'd coil	8	29AUG12	10SEP12	10SEP12	25	0	6,145.28	E												
	1304-1670	Remove Quadrant #2 from mold	1	11SEP12	11SEP12	11SEP12	25	0	3,072.64	E												
	1304-1680	Cleanup quadrant	3	12SEP12	14SEP12	14SEP12	25	0	4,608.96	E												
	1304-1690	Perform T/T electrical tests	1	17SEP12	17SEP12	17SEP12	25	0	1,536.32	E												
	Inner TF Quadrant 3																					
	Fabrication / Assembly																					
	1304-1720	Apply turn insulation Quadrant #3	5	18SEP12	24SEP12	24SEP12	25	0	15,363.20	E												
	1304-1730	Assemble Quadrant #3	6	25SEP12	02OCT12	02OCT12	25	0	23,218.40	E												
	1304-1740	Prepare VPI operation	3	03OCT12	05OCT12	05OCT12	25	0	9,426.24	E												
	1304-1750	VPI- fill quadrant	2	08OCT12	09OCT12	09OCT12	25	0	6,284.16	E												
	1304-1760	Cure VPI'd coil	8	10OCT12	19OCT12	19OCT12	25	0	6,284.16	E												
	1304-1770	Remove Quadrant #3 from mold	1	22OCT12	22OCT12	22OCT12	25	0	3,142.08	E												
	1304-1780	Cleanup quadrant	3	23OCT12	25OCT12	25OCT12	25	0	4,713.12	E												
	1304-1790	Perform T/T electrical tests #4	1	26OCT12	26OCT12	26OCT12	25	0	1,571.04	E												
	Inner TF Quadrant 4																					
	Fabrication / Assembly																					
	1304-1820	Apply turn insulation Quadrant #4	5	29OCT12	02NOV12	02NOV12	25	0	15,710.40	E												
	1304-1830	Assemble Quadrant #4	6	05NOV12	12NOV12	12NOV12	25	0	23,565.60	E												

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS												
											FY11			FY12			FY13			FY14		
	1304-1840	Prepare VPI operation	3	13NOV12	15NOV12	15NOV12	25	0	9,426.24	E												
	1304-1850	VPI- fill quadrant	2	16NOV12	19NOV12	19NOV12	25	0	6,284.16	E												
	1304-1860	Cure VPI'd coil	8	20NOV12	03DEC12	03DEC12	25	0	6,284.16	E												
	1304-1870	Remove Quadrant #4 from mold	1	04DEC12	04DEC12	04DEC12	25	0	1,571.04	E												
	1304-1880	Cleanup quadrant	3	05DEC12	07DEC12	07DEC12	25	0	4,713.12	E												
	1304-1890	Perform T/T electrical tests	1	10DEC12	10DEC12	10DEC12	25	0	1,571.04	E												
	Inner TF Coil Assemble Quadrants																					
	Fabrication / Assembly																					
	1304-4800	Assemble quadrants together	7	11DEC12	19DEC12	19DEC12	25	0	27,493.20	E												
	1304-4900	Apply groundwrap insulation	3	20DEC12	02JAN13	02JAN13	25	0	4,713.12	E												
	1304-4902	Assemble Mold	5	03JAN13	09JAN13	09JAN13	25	0	11,782.80	E												
	1304-5000	Prepare VPI operation	3	10JAN13	14JAN13	14JAN13	25	0	9,426.24	E												
	1304-5100	VPI full TF coil	2	15JAN13	16JAN13	16JAN13	25	0	6,284.16	E												
	1304-5200	Cure VPI'd coil	8	17JAN13	28JAN13	28JAN13	25	0	6,284.16	E												
	1304-5300	Remove full TF from mold and cleanup	1	29JAN13	29JAN13	29JAN13	25	0	1,571.04	E												
	1304-5400	Perform Final electrical tests	1	30JAN13	30JAN13	30JAN13	25	0	1,571.04	E												
	Sandblast Priming of OH Conductors																					
	Fabrication / Assembly																					
	1305-S/P01	Dsgn supp struct/layout for OH conductor	57	19MAR12A	06JUN12	06JUN12	0	30	18,401.12	E												
	1305-S/P04	Procure portable sandblast unit	10	01OCT12	12OCT12	12OCT12	0	0	25,607.60	E												
	1305-S/P06	Fab supp struct or OH Conductor	10	15OCT12	26OCT12	26OCT12	0	0	37,420.80	E												
	1305-S/P08	Fabricate sandblast enclosure	15	29OCT12	16NOV12	16NOV12	0	0	23,161.60	E												
	1305-S/P10	Procure sandblast medium and parts	10	01OCT12	12OCT12	12OCT12	0	0	3,600.00	E												
	1305-S/P12	Procure primer CTD-450	10	01OCT12	12OCT12	12OCT12	0	0	3,600.00	E												
	1305-S/P14	Sandblast (16) copper spools	20	19NOV12	18DEC12	18DEC12	0	0	39,276.00	E												
	1305-S/P16	Clean conductors/bag/nitrogen fill	20	19NOV12	18DEC12	18DEC12	0	0	36,919.44	E												
	1305-S/P18	Prime conductor spools	20	19DEC12	24JAN13	24JAN13	0	0	39,276.00	E												
	1305-S/P20	Cure conductor spools	32	19DEC12	11FEB13	11FEB13	0	0	37,312.20	E												
	1305-S/P22	Bag Cure conductor	16	12FEB13	05MAR13	05MAR13	0	0	18,852.48	E												
	TF/OH Fabrication																					
	Fabrication / Assembly																					
	1305-5600	Prepare TF for OH winding	5	20MAR13	26MAR13	26MAR13	0	0	15,710.40	E												
	1305-5700	Install intermediate spacer between OH/TF bundle	8	06MAR13	15MAR13	15MAR13	0	0	18,852.48	E												
	1305-5700A	Reposition TF to Vertical Position	1	31JAN13	31JAN13	31JAN13	25	0	3,142.08	E												
	1305-5700B	Install Aquapour Mold & Cure	6	01FEB13	08FEB13	08FEB13	25	0	14,139.36	E												
	1305-5800	Apply slip plane, and inner groundwall insulatn	2	18MAR13	19MAR13	19MAR13	0	0	4,713.12	E												
	1305-5900	Braze first lead and prepare for winding	5	27MAR13	02APR13	02APR13	0	0	15,710.40	E												
	1305-6000	Wind 1st Quarter of layer #1	5	03APR13	09APR13	09APR13	0	0	15,710.40	E												
	1305-6100	Make[2] in-line brazes of 1st Quarter of layer#1	4	10APR13	15APR13	15APR13	0	0	6,284.16	E												
	1305-6200	Wind second Quarter of layer #1	4	16APR13	19APR13	19APR13	0	0	12,568.32	E												
	1305-6200A	Make[2] in-line brazes of 2nd Quarter of layer#1	4	22APR13	25APR13	25APR13	0	0	6,284.16	E												
	1305-6200B	Wind Third Quarter of layer #1(2-SHIFT till Fin)	2	26APR13	29APR13	29APR13	0	0	9,426.24	E												
	1305-6200C	Make[2] in-line brazes of 3rd Quarter of layer#1	2	29APR13	30APR13	30APR13	0	0	4,713.12	E												

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS												
											FY11			FY12			FY13			FY14		
	1305-6200D	Wind 4th Quarter of layer #1	2	30APR13	01MAY13	01MAY13	0	0	9,426.24	E										EM//tb =96 ;		
	1305-6300	Perform prelim electrical tests layer #1	1	02MAY13	02MAY13	02MAY13	0	0	1,571.04	E										EM//tb =16 ;		
	1305-6400	Braze layer to layer joint layer #1	2	03MAY13	06MAY13	06MAY13	0	0	7,069.68	E										EM//tb =72 ;		
	1305-6500	Wind 1st Quarter of layer #2	2	06MAY13	07MAY13	07MAY13	0	0	12,568.32	E										EM//tb =128 ;		
	1305-6600	Make[2] in-line brazes of 1st Quarter of layer#2	2	07MAY13	08MAY13	08MAY13	0	0	9,426.24	E										EM//tb =96 ;		
	1305-6700	Wind second Quarter of layer #2	2	08MAY13	09MAY13	09MAY13	0	0	9,426.24	E										EM//tb =96 ;		
	1305-6700A	Make[2] in-line brazes of 2nd Quarter of layer#2	2	09MAY13	10MAY13	10MAY13	0	0	4,713.12	E										EM//tb =48 ;		
	1305-6700B	Wind Third Quarter of layer #2	2	10MAY13	13MAY13	13MAY13	0	0	9,426.24	E										EM//tb =96 ;		
	1305-6700C	Make[2] in-line brazes of 3rd Quarter of layer#2	2	13MAY13	14MAY13	14MAY13	0	0	4,713.12	E										EM//tb =48 ;		
	1305-6700D	Wind 4th Quarter of layer #2	2	14MAY13	15MAY13	15MAY13	0	0	9,426.24	E										EM//tb =96 ;		
	1305-6800	Perform prelim electrical tests layer #2	1	15MAY13	15MAY13	15MAY13	0	0	1,571.04	E										EM//tb =16 ;		
	1305-6900	Braze layer to layer joint layer #2	1	16MAY13	16MAY13	16MAY13	0	0	4,713.12	E										EM//tb =48 ;		
	1305-7000	Wind 1st Quarter of layer #3	2	17MAY13	20MAY13	20MAY13	0	0	12,568.32	E										EM//tb =128 ;		
	1305-7100	Make[2] in-line brazes of 1st Quarter of layer#3	2	20MAY13	21MAY13	21MAY13	0	0	9,426.24	E										EM//tb =96 ;		
	1305-7200	Wind second Quarter of layer #3	2	21MAY13	22MAY13	22MAY13	0	0	9,426.24	E										EM//tb =96 ;		
	1305-7200A	Make[2] in-line brazes of 2nd Quarter of layer#3	2	22MAY13	23MAY13	23MAY13	0	0	4,713.12	E										EM//tb =48 ;		
	1305-7200B	Wind Third Quarter of layer #3	2	23MAY13	24MAY13	24MAY13	0	0	9,426.24	E										EM//tb =96 ;		
	1305-7200C	Make[2] in-line brazes of 3rd Quarter of layer#3	2	24MAY13	28MAY13	28MAY13	0	0	4,713.12	E										EM//tb =48 ;		
	1305-7200D	Wind 4th Quarter of layer #3	2	28MAY13	29MAY13	29MAY13	0	0	9,426.24	E										EM//tb =96 ;		
	1305-7300	Perform prelim electrical tests layer #3	1	29MAY13	29MAY13	29MAY13	0	0	1,571.04	E										EM//tb =16 ;		
	1305-7400	Braze layer to layer joint layer #3	1	30MAY13	30MAY13	30MAY13	0	0	4,713.12	E										EM//tb =48 ;		
	1305-7500	Wind 1st Quarter of layer #4	2	31MAY13	03JUN13	03JUN13	0	0	12,568.32	E										EM//tb =128 ;		
	1305-7600	Make[2] in-line brazes of 1st Quarter of layer#4	2	03JUN13	04JUN13	04JUN13	0	0	9,426.24	E										EM//tb =96 ;		
	1305-7700	Wind second Quarter of layer #4	2	04JUN13	05JUN13	05JUN13	0	0	9,426.24	E										EM//tb =96 ;		
	1305-7700A	Make[2] in-line brazes of 2nd Quarter of layer#4	2	05JUN13	06JUN13	06JUN13	0	0	4,713.12	E										EM//tb =48 ;		
	1305-7700B	Wind Third Quarter of layer #4	2	06JUN13	07JUN13	07JUN13	0	0	9,426.24	E										EM//tb =96 ;		
	1305-7700C	Make[2] in-line brazes of 3rd Quarter of layer#4	2	07JUN13	10JUN13	10JUN13	0	0	4,713.12	E										EM//tb =48 ;		
	1305-7700D	Wind 4th Quarter of layer #4	2	10JUN13	11JUN13	11JUN13	0	0	9,426.24	E										EM//tb =96 ;		
	1305-7700E	Perform prelim electrical tests layer #4	1	13JUN13	13JUN13	13JUN13	0	0	1,571.04	E										EM//tb =16 ;		
	1305-7700F	Make final lead brazes layer #4	2	11JUN13	12JUN13	12JUN13	0	0	4,713.12	E										EM//tb =48 ;		
	1305-7800	Apply groundwrap insulation	3	14JUN13	18JUN13	18JUN13	0	0	9,426.24	E										EM//tb =96 ;		
	1305-7900	Mount OH mold around coil	5	19JUN13	25JUN13	25JUN13	0	0	15,710.40	E										EM//tb =160 ;		
	1305-8000	Prepare VPI operation	3	26JUN13	28JUN13	28JUN13	0	0	9,426.24	E										EM//tb =96 ;		
	1305-8100	VPI- mold	2	01JUL13	02JUL13	02JUL13	0	0	6,284.16	E										EM//tb =64 ;		
	1305-8200	Cure VPI'd coil	8	03JUL13	16JUL13	16JUL13	0	0	6,284.16	E										EM//tb =64 ;		
	1305-8300	Remove mold from OH coil	1	17JUL13	17JUL13	17JUL13	0	0	3,142.08	E										EM//tb =32 ;		
	1305-8400	Cleanup OH coil	2	18JUL13	19JUL13	19JUL13	0	0	3,142.08	E										EM//tb =32 ;		
	1305-8500	Silverplate all electrical surfaces [OH/TF]	3	22JUL13	24JUL13	24JUL13	0	0	2,356.56	E										EM//tb =24 ;		
	1305-8600	Perform Final OH electrical tests	1	25JUL13	25JUL13	25JUL13	0	0	1,571.04	E										EM//tb =16 ;		
	1305-8700	Remove intermediate spacer between OH and TF bun	5	26JUL13	01AUG13	01AUG13	0	0	23,565.60	E										EM//tb =240 ;		
	1305-8800	Perform hydrostat and flow tests- OH/TF coils	3	02AUG13	06AUG13	06AUG13	0	0	4,713.12	E										EM//tb =48 ;		
	1305-8800A	Install Upper & Lower Crowns	10	07AUG13	20AUG13	20AUG13	0	0	31,420.80	E							EM//tb =320					
	1305-8900	Transport to CS assembly station	1	21AUG13	21AUG13	21AUG13	0	0	3,927.60	E										EM//tb =40 ;		

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11				FY12				FY13				FY14								
OH TIG Braze Test CSU R&D Plan																															
Final Design																															
	1303-000G	7.1 Layer t/LayerBraze Tst after Conductor Proc	1	19JUN12	19JUN12	19JUN12	174	0	0.00	E																					
OH Conductor Brazes CSU R&D Plan																															
Final Design																															
	1303-000H	8.1 Inline Braze Test after Conductor Procuremnt	1	19JUN12	19JUN12	19JUN12	174	0	0.00	E																					
OH-TF Spacer Test CSU R&D Test																															
Final Design																															
	1303-000I	9.1 Test MTRL/Process f/Manufactg to 0.1" Gap	1	19JUN12	19JUN12	19JUN12	174	0	0.00	E																					
Job: 1306 - Inner PF Coils-CHRZANOWSKI																															
Final Design																															
	1306-1010	Complete Inner PF Coil Analysis Pete T.	349*	04OCT10A	23FEB12A	23FEB12A		100	15,701.74	C																					
	1306-1020	PF Lead & Flag Analysis Pete T.	394*	30JUL10A	23FEB12A	23FEB12A		100	9,482.73	C																					
	1306-1030	Fatigue Assessment & DCPS Pete T.	225*	21FEB11A	16JAN12A	16JAN12A		100	9,441.39	C																					
	1306-1040	Calculation Write/Check/File Pete T.	219	01JUN11A	16APR12	16APR12	116	99	9,700.40	C																					
	1306-1040A	Modeling for Inner PF	63	03MAY10A	31AUG10A	31AUG10A		100	0.00	C																					
	1306-1050	Compl CAD Detail and Assembly Dwgs for Inner PF	136	23AUG10A	11MAR11A	11MAR11A		100	51,115.51	C																					
	1306-1055	Inner PF Bundle - Peer review	0		18MAY11A	18MAY11A		100	0.00	B																					
	1306-1060	Prepare for FDR	34	02MAY11A	17JUN11A	17JUN11A		100	2,997.84	C																					
	FY101306	FY10 Actual Cost	100	01DEC09A	30APR10A	30APR10A		100	57,253.00	C																					
	FY101306A	FY10 Actual Cost	110	03MAY10A	30SEP10A	30SEP10A		100	20,513.00	C																					
Procurement																															
	1306-2010	N/R Generate SOW for Inner PF Conductor	10	31AUG11A	31AUG11A	31AUG11A		100	0.00	E																					
	1306-2020	Prep Spec for Inner PF Conductor	54	15AUG11A	30SEP11A	30SEP11A		100	0.00	C																					
	1306-2030	Bid/Award - Inner PF Conductor(OH)	42	03OCT11A	05DEC11A	05DEC11A		100	0.00	E																					
	1306-2050	Fab & Deliver Inner PF Conductor	97	30NOV11A	20APR12	20APR12	116	50	55,680.00	C																					
	1306-2051	Additional PF 1b copper	80	09APR12*	31JUL12	31JUL12	46	0	60,000.00	E																					
	1306-3010	Prep Req for Kapton/Glass Insulation	32*	07NOV11A	22DEC11A	22DEC11A		100	0.00	E																					
	1306-3020	Bid/Award Kapton/Glass Insulation	30	21DEC11A	22DEC11A	22DEC11A		100	1,319.44	E																					
	1306-3030	Fab & Deliver Kapton/Glass Insulation(PF)	50	09JAN12A	23MAR12A	23MAR12A		100	26,968.74	C																					
	1306-4010	DWGS Revision for SS Supp for PF1A/B Coils	69*	30SEP11A	16JAN12A	16JAN12A		100	0.00	E																					
	1306-4020	N/R Bid/Award SS Supp for PF1A/B	30	16DEC11A	16DEC11A	16DEC11A		100	0.00	E																					
	1306-4030	Fab & Deliver SS Supp for PF1A/B	80	03OCT12	04FEB13	04FEB13	2	0	129,406.00	C																					
	1306-5010	Generate SOW/Spec for Inner PF Fab (Coil & Supp)	15	19MAR12A	06APR12	06APR12	2	10	0.00	E																					
	1306-5020	Prep Req for Inner PF Fabrication (Coil & Supp)	5	09APR12	13APR12	13APR12	2	0	0.00	E																					
	1306-5030	Bid/Award Inner PF Fabrication (Coil & Supp)	25	28AUG12	02OCT12	02OCT12	2	0	0.00	E																					
	1306-5050	Fab & Deliver Inner PF Coils (Coil & Supp)	200	03OCT12	25JUL13	25JUL13	2	0	244,218.00	C																					

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11				FY12				FY13				FY14			
Job: 1307 - CS Casing Assembly -CHRZANOWSKI																										
Final Design																										
1307-1010	Complete CAD Detail & Assy Drawings (Prelim)		104	03MAY10A	31AUG10A	31AUG10A		100	0.00	C																
1307-1010A	Complete CAD Detail & Assy Drawings (Final)		107	31MAR11A	30AUG11A	30AUG11A		100	29,478.76	C	EA/SB =236 ;															
1307-1020	Compl Bellow & Ceramic Break Analysis Pete T.		387	24JUN10A	16JAN12A	16JAN12A		100	11,374.60	C	EA/EM =60 ;															
1307-1030	CS Casing Skirt Stress Summary Pete T.		399*	16JUL10A	22FEB12A	22FEB12A		100	15,258.12	C	EA/EM =80 ;															
1307-1040	Compl Maintain Heat Balance Cooling Calcs Pete T		295*	13AUG10A	17OCT11A	17OCT11A		100	15,230.48	C	EA/EM =80 ;															
1307-1050	Integrate Thermal, Halo, Dsir Loads into Calcs P		344*	04OCT10A	22FEB12A	22FEB12A		100	15,499.24	C	EA/EM =80 ;															
1307-1060	Fatigue Assessments Pete T.		187	20DEC10A	31AUG11A	31AUG11A		100	3,853.60	C	EA/EM =20 ;															
1307-1150	Prepare for FDR		24	16MAY11A	17JUN11A	17JUN11A		100	2,997.84	C	EA/SB =24 ;															
1307-1155	CS Casing Assembly - Peer review		0		18MAY11A	18MAY11A		100	0.00	B	▼															
FY101307	FY10 Actual Cost		100	01DEC09A	30APR10A	30APR10A		100	55,426.00	C																
FY101307A	FY10 Actual Cost		110	03MAY10A	30SEP10A	30SEP10A		100	19,421.00	C	81=38299															
Procurement																										
1307-2010	Prep CS Casing SOW & Requisition		20	17OCT11A	28OCT11A	28OCT11A		100	0.00	E																
1307-2020	Bid/Award CS Casing Contract		2	06JAN12A	09JAN12A	09JAN12A		100	2,580.00	E	35=2,000 ;															
1307-2030	Fabricate CS Casing		178	10JAN12A	18SEP12	18SEP12	148	20	5,160.00	C	35=4,000 ;															
1307-2030A	Placement of Order for Inconel 625 Plate Materl		1	29FEB12A	29FEB12A	29FEB12A		100	180,000.00	F	41=150,000															
1307-2030B	Placement of Order for Inconel Ring Forging		1	29FEB12A	29FEB12A	29FEB12A		100	120,000.00	F	41=100,000															
1307-2030C	Complt of Work f/CS Casing DWGS1436/37/39/26/2 7		1	14JUN12	14JUN12	14JUN12	148	0	131,250.00	F	48=125,000															
1307-2030D	Complt Manufacturing f/CS Casing DWG EDC1443		1	25SEP12	25SEP12	25SEP12	148	0	131,250.00	F	48=125,000															
1307-2030E	Receipt/QA Insp Complete-Incomel Casing Assembly		1	25OCT12	25OCT12	25OCT12	148	0	131,470.56	F	48=121,732															
1307-2040	Spec/Requisition Inconel Bellows		20	19SEP11A	29SEP11A	29SEP11A		100	0.00	E																
1307-2050	Bid/Award Inconel Bellows		47*	03OCT11A	08DEC11A	08DEC11A		100	0.00	E																
1307-2060	Fab & Deliver Inconel Bellows		106	09DEC11A	25JAN12A	25JAN12A		100	13,815.60	C	41=11.5k															
1307-2070	Spec/Requisition Rotatable Flanges		20	15JAN12A	20JAN12A	20JAN12A		100	0.00	E																
1307-2080	Bid/Award Rotatable Flanges		30	23JAN12A	25JAN12A	25JAN12A		100	0.00	E																
1307-2090	Fab & Deliver Rotatable Flanges		60	25JAN12A	31JAN12A	31JAN12A		100	20,520.00	C	41=17,100 ;															
1307-2100	Spec/Requisition CHI Copper Leads U&L		20	01AUG12*	28AUG12	28AUG12	192	0	0.00	E																
1307-2110	Bid/Award CHI Copper Leads		30	29AUG12	10OCT12	10OCT12	192	0	0.00	E																
1307-2120	Fab & Deliver CHI copper Leads U&L		60	11OCT12	15JAN13	15JAN13	192	0	19,200.00	C	41=16,000 ;															
1307-2130	Spec/Requisition CS Casing Support Structure		20	03OCT11A	27OCT11A	27OCT11A		100	0.00	E																
1307-2140	Bid/Award CS Casing Support Structure		30	01NOV11A	18NOV11A	18NOV11A		100	0.00	E																
1307-2150	Fab & Deliver CS Casing Support Structure		42*	21NOV11A	25JAN12A	25JAN12A		100	13,120.80	C	41=10.9k ;															
1307-2160	Spec/Requisition Weld Material		20	04SEP12*	01OCT12	01OCT12	119	0	0.00	E																
1307-2170	Bid/Award Weld Material		30	02OCT12	12NOV12	12NOV12	119	0	0.00	E																
1307-2180	Fab & Deliver Weld Material		60	13NOV12	15FEB13	15FEB13	119	0	7,349.20	C	41=5,000 ; EM//SM															
1307-2190	N/R - Spec/Requisition Misc M&S		20	21DEC11A	21DEC11A	21DEC11A		100	0.00	E																
1307-2200	Bid/Award Misc M&S		30	04SEP12*	15OCT12	15OCT12	65	0	0.00	E																
1307-2210	Fab & deliver Misc M&S		134	16OCT12	02MAY13	02MAY13	65	0	8,698.40	C	41=5,000 ; EM//SM															
1307-2220	Spec/requisition Ceramic Insulators		20	04SEP12*	01OCT12	01OCT12	169	0	0.00	E																
1307-2230	Bid/Award Creamic Insulators		30	02OCT12	12NOV12	12NOV12	169	0	0.00	E																

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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	1307-2240	Fab & Deliver Ceramic Insulators	60	13NOV12	15FEB13	15FEB13	169	0	96,000.00	C																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS												
											FY11			FY12			FY13			FY14		
	1302-0210	Install Inconel Weld Studs on Casing Wall	14	02NOV12	21NOV12	21NOV12	148	0	21,994.56	E												
	1302-0210A	Mount tiles to Inconel casing	35	11JUN13	31JUL13	31JUL13	15	0	54,986.40	E												
	1302-0220	Mount Upper & Lower PF1B Coils to CS Casing	10	06MAY13	17MAY13	17MAY13	65	0	14,139.36	E												
	1302-1500	Assemble CS (OH Diag, Microtherm, Casing PFCs)	38	22AUG13	15OCT13	15OCT13	0	0	234,385.02	K												
	1302-1500A	Position OH/TF in vertical position	3	22AUG13	26AUG13	26AUG13	0	0	7,069.68	K												
	1302-1500B	Join the Lower PF1A assembly with OH/TF Bundle	3	27AUG13	29AUG13	29AUG13	0	0	7,069.68	K												
	1302-1500C	Install the surface diagnostics onto OH surface	15	30AUG13	20SEP13	20SEP13	0	0	23,565.60	K												
	1302-1500D	Install Micro-therm insulation around OH coil	7	23SEP13	01OCT13	01OCT13	0	0	11,049.12	K												
	1302-1500E	Position CS Casing assembly over the OH/TF coil	5	02OCT13	08OCT13	08OCT13	0	0	16,228.80	K												
	1302-1500F	Ready for Delivery to Test Cell	5	09OCT13	15OCT13	15OCT13	0	0	4,057.20	K												
	1302-1540A	Install outer bands/flux loops Inner PF1C coils	7	23SEP13	01OCT13	01OCT13	2	0	11,049.12	E												
	1302-1540B	Assemble ceramic break assemblies	5	02OCT13	08OCT13	08OCT13	2	0	8,114.40	E												
	1302-1540C	Leak Test CB Assemblies	3	09OCT13	11OCT13	11OCT13	2	0	4,868.64	E												
	1302-1550	Deliver CS to NTC	1	16OCT13	16OCT13	16OCT13	0	0	1,622.88	E												
	1302-1600	Tear Down Assembly Area	20	16OCT13	12NOV13	12NOV13	466	0	48,810.48	E												
Job: 2300 - Other Analysis-TITUS																						
Final Design																						
	2300-0010A	Analyses of RF MHD Shield Disruptive Loads	124	25MAR11A	31AUG11A	31AUG11A		100	0.00	C												
	2300-0011	Run Other GRD disruptions for the HHFW antenna	228	01JUN10A	28APR11A	28APR11A		100	0.00	C												
	2300-0012	Updat HHFW Antenna	228	01JUN10A	28APR11A	28APR11A		100	0.00	C												
	2300-0013	Maintain/Update Diagnostic Database	335	01JUN10A	31AUG10A	31AUG10A		100	0.00	C												
	2300-0014	File Preliminary Database/Study	335	01JUN10A	31AUG10A	31AUG10A		100	0.00	C												
	2300-0015	Check/Complete Disruption and Thermal Analyses	343	01SEP10A	22DEC11A	22DEC11A		100	19,199.06	C												
	2300-0016	Present/track recommendtations	154	01SEP10A	28FEB11A	28FEB11A		100	18,897.18	C												
	2300-0018	FDR Prep	21	19MAY11A	17JUN11A	17JUN11A		100	19,268.00	C												
	2300-0018A	Other Analysis - Peer review	0		18MAY11A	18MAY11A		100	0.00	B												
	2300-0019	CONDUCT FDR	3	22JUN11A	24JUN11A	24JUN11A		100	3,853.60	C												
	FY102300	FY10 Actual Cost	22	01APR10A	30APR10A	30APR10A		100	3,904.00	C												
	FY102300A	FY10 Actual Cost	110	03MAY10A	30SEP10A	30SEP10A		100	19,255.00	C												
Job: 2420 - 2nd NBI Sources-CROPPER																						
Design																						
Final Design																						
	24200020	PDR Prep PPL	26	17MAY10A	22JUN10A	22JUN10A		100	0.00	C												
	24200050	CONDUCT PDR	1	23JUN10A	23JUN10A	23JUN10A		100	0.00	C												
	24200059	Peer Review	0		14APR11A	14APR11A		100	0.00	B												
	24200060	FDR Prep PPL	13*	01JUN11A	17JUN11A	17JUN11A		100	2,485.12	C												
	24200090	CONDUCT FDR	3	22JUN11A	24JUN11A	24JUN11A		100	1,242.56	C												
Procure, Fab & Assembly																						
Procurement																						
	24200100	Prep Requisition and procurement package	46	10SEP11A	28OCT11A	28OCT11A		100	6,379.89	E												

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS												
											FY11			FY12			FY13			FY14		
	24200110	SUBMIT REQ TO PROCUREMENT	41	17SEP11A	28OCT11A	28OCT11A		100	1,281.55	E												
	24200120	Procurement lead time (1)	15	24OCT11A	28OCT11A	28OCT11A		100	0.00	E												
	24200130	AWARD	1	28OCT11A	28OCT11A	28OCT11A		100	0.00	E												
	24200150	Fabricate or delivery Sources	40	12MAR12A	15MAR12A	15MAR12A		100	79,200.00	C												
	Fabrication / Assembly																					
	24200160	N/R Refurbish Source A	90	28OCT11A	28OCT11A	28OCT11A		100	0.00	C												
	24200170	N/R Refurbish Source B	70	28OCT11A	28OCT11A	28OCT11A		100	0.00	C												
	24200180	N/R Refurbish Source C	80	28OCT11A	28OCT11A	28OCT11A		100	0.00	C												
	24200200	N/R Build Probe tips (10 Long, 20 short)	60	28OCT11A	28OCT11A	28OCT11A		100	0.00	C												
Job: 2425 - BL Relocation-ATNAFU																						
Design																						
	Final Design																					
	2425-0017	Design Drawings	24	03MAY10A	04JUN10A	04JUN10A		100	0.00	C												
	2425-0018	PDR Prep	11	07JUN10A	21JUN10A	21JUN10A		100	0.00	C												
	2425-0019	CONDUCT PDR	2	22JUN10A	23JUN10A	23JUN10A		100	0.00	C												
	2425-0020	Layman Review	5	10AUG10A	16AUG10A	16AUG10A		100	0.00	C												
	2425-0023	Disposition PDR Chits	2	24JUN10A	25JUN10A	25JUN10A		100	0.00	C												
	2425-0024	Design Drawings	177*	01OCT10A	17JUN11A	17JUN11A		100	17,041.40	C												
	2425-0025	Update Analyses	177*	01OCT10A	17JUN11A	17JUN11A		100	21,742.80	C												
	2425-0026	Update Cost & Schedule Estimate	81*	15FEB11A	08JUN11A	08JUN11A		100	6,328.40	C												
	2425-0027	Prep Procurement Specs	69*	19SEP11A	23DEC11A	23DEC11A		100	7,127.44	C												
	2425-0027A	Peer Review	0		14APR11A	14APR11A		100	0.00	B												
	2425-0028	FDR Prep	30*	06MAY11A	17JUN11A	17JUN11A		100	0.00	C												
	2425-0029	CONDUCT FDR 2425	3	22JUN11A	24JUN11A	24JUN11A		100	2,531.36	C												
	FY092425	FY09 Actual Cost	22*	23FEB09A	30SEP09A	30SEP09A		100	15,023.00	C												
	FY102425	FY10 Actual Cost	143	01OCT09A	30APR10A	30APR10A		100	19,729.00	C												
	FY102435A	FY10 Actual Cost	110	03MAY10A	30SEP10A	30SEP10A		100	6,165.00	C												
Procure, Fab & Assembly																						
	Procurement																					
	2425-0001	Procure Material - Lifting Fixture	21	12FEB12A	16MAR12A	16MAR12A		100	33,958.32	E												
	2425-0002	Procurement lead time (1) - Lifting Equipment	21	12FEB12A	16MAR12A	16MAR12A		100	2,638.88	E												
	2425-0003	Rental of Lifting Equipment	90	30MAY12	04OCT12	04OCT12	55	0	14,909.00	C												
	2425-0033	Prep Requisitn and procuremt pkgg-Steel & Parts	22	03JAN12A	24JAN12A	24JAN12A		100	0.00	E												
Installation																						
	Fabrication / Assembly																					
	2425-0004	Fabrication & Assembly - Lift Fixtures	25	19MAR12A	20APR12	20APR12	40	30	35,687.12	E												
	2425-0005	Load Test - Lift Fixtures	9	23APR12	03MAY12	03MAY12	40	0	16,732.96	E												

		Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11				FY12				FY13				FY14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		2425-0010	Welding Plates	6	12MAR12A	19MAR12A	19MAR12A		100	20,304.00	E																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																

		Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11				FY12				FY13				FY14					
		2425-0066	Move - HVE 3 Movement	2	26MAR13	27MAR13	27MAR13	35	0	6,984.48	E	EM//EM =08 ; EM//tb =40 ;					EM//tb =16 ; EM//tb =48 ;												
		2425-0067	Disassemble - HVE 3 Movement	2	28MAR13	29MAR13	29MAR13	35	0	6,284.16	E	EM//tb =16 ; EM//tb =48 ;																	
		2425-0068	Move to Crain Access - HVE 3 Movement	2	01APR13	02APR13	02APR13	35	0	6,284.16	E	EM//tb =16 ; EM//tb =48 ;																	
		2425-0069	Lift into TFTR - HVE 3 Movement	1	03APR13	03APR13	03APR13	35	0	3,142.08	E	EM//tb =08 ; EM//tb =24 ;																	
		2425-0070	Move In - HVE 3 Movement	1	04APR13	04APR13	04APR13	35	0	3,142.08	E	EM//tb =08 ; EM//tb =24 ;																	
		2425-0071	Over Wall - HVE 3 Movement	2	05APR13	08APR13	08APR13	35	0	6,984.48	E	EM//tb =16 ; EM//tb =40 ; EM//EM =8 ;																	
		2425-0072	Reassemble - HVE 3 Movement	2	09APR13	10APR13	10APR13	35	0	6,284.16	E	EM//tb =16 ; EM//tb =48 ;																	
		2425-0073	Placement - HVE 3 Movement	3	11APR13	15APR13	15APR13	35	0	8,640.72	E	EM//tb =16 ; EM//tb =72 ;																	
		2425-0074	Install HVE Hilti	10	16APR13	29APR13	29APR13	35	0	17,111.04	C	EM//tb =24 ; EM//EM=16 ; EM//tb =120 ;																	
		2425-0075	Move Transmission Line	2	30APR13	01MAY13	01MAY13	35	0	6,284.16	C	EM//tb =24 ; EM//EM=16 ; EM//tb =120 ;																	
		2425-0076	Remove / Reinstall Floor Plug	4	02MAY13	07MAY13	07MAY13	35	0	15,710.40	C	EM//tb =24 ; 41=3,000 ; EM//tb =136 ;																	
		2425-0077	Test Cell Maintenance	9	08MAY13	20MAY13	20MAY13	35	0	33,521.76	C	EM//tb =48 ; EM//EM=24 ; EM//tb =248 ;																	
	Relocate Beamline **TC LIMITED ACCESS**																												
	Installation																												
		2425-0000	BEGIN BEAMLINE RELOCATION TO NTC	0	30JUL12				235	0	0.00	B						EM//EM =40 ;											
		2425-0023A	Lift Procedure, JHA & Work Permit	20	15JUN12	13JUL12	13JUL12	35	0	7,265.20	E							EM//EM =100 ; EM//tb =400 ;											
		2425-0024A	Hoisting & Rigging of Box	10	16JUL12	27JUL12	27JUL12	35	0	56,571.00	E																		
		2425-0025A	Bending Magnet Stand Movement	4	30JUL12	02AUG12	02AUG12	35	0	15,363.20	E							EM//tb =160 ;											
		2425-0026A	Remove East Side Walk Way from Lid	5	03AUG12	09AUG12	09AUG12	35	0	7,681.60	E							EM//tb =80 ;											
		2425-0027B	Hoisting & Rigging of Lid	10	10AUG12	23AUG12	23AUG12	35	0	43,336.40	E							EM//EM =80 ; EM//tb =300 ;											
		2425-0028A	Placement - Lid Movement	3	24AUG12	28AUG12	28AUG12	35	0	9,393.80	E							EM//EM =20 ; EM//tb =60 ;											
		2425-0029A	Alignment Lid Movement (Metrology)	2	29AUG12	30AUG12	30AUG12	35	0	9,652.96	E							EM//EM =32 ; EM//tb =40 ;											
		2425-0030	Lid Cover Plates Movement	3	31AUG12	05SEP12	05SEP12	35	0	6,913.44	E							EM//tb =72 ;											
		2425-0031	Lift Procedure, JHA & Work Permit	20	15JUN12	13JUL12	13JUL12	72	0	7,265.20	E							EM//EM =40 ;											
		2425-0032	Hoisting & Rigging of Beamline	5	06SEP12	12SEP12	12SEP12	35	0	17,075.40	E							EM//EM =20 ; EM//tb =120 ;											
	2425-0033A	Assemble Beamline legs	2	13SEP12	14SEP12	14SEP12	35	0	5,761.20	E							EM//tb =40 ; EM//tb =20 ;												
	2425-0034	Metrology Beamline	9	17SEP12	27SEP12	27SEP12	35	0	32,230.40	E							EM//tb =40 ; EM//tb =220 ; EM//EM=40 ;												
	2425-0035	Beamline Alignment Hoisting & Rigging	5	28SEP12	04OCT12	04OCT12	35	0	17,384.04	E							EM//EM =20 ; EM//tb =120 ;												
	2425-0036	Beamline Legs hilti	10	05OCT12	18OCT12	18OCT12	35	0	17,111.04	E							EM//EM =16 ; EM//tb =120 ;												
	2425-0037	Welding Box Legs	10	19OCT12	01NOV12	01NOV12	35	0	15,710.40	E							EM//tb =160 ;												
	2425-0038	Off - Source Platform	3	02NOV12	06NOV12	06NOV12	35	0	7,266.06	E							EM//SM =24 ; EM//tb =												
	2425-0039	Move - Source Platform	4	07NOV12	12NOV12	12NOV12	35	0	9,426.24	E							EM//SM =16 ; EM//tb =												
	2425-0040	Lift - Source Platform	3	13NOV12	15NOV12	15NOV12	35	0	7,266.06	E							EM//SM =16 ; EM//tb =												
	2425-0041	On - Source Platform	3	16NOV12	20NOV12	20NOV12	35	0	7,266.06	E							EM//SM =16 ; EM//tb =												

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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	2425-0042	Metrology - Source Platform	9	26NOV12	06DEC12	06DEC12	35	0	40,922.40	E																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS												
											FY11			FY12			FY13			FY14		
Job: 2440 - 2nd NBI Beamline-CROPPER																						
Procure, Fab & Assembly																						
Procurement																						
2440-0003	Calorimeter parts	88	26AUG11A	09JAN12A	09JAN12A			100	1,217.05	C	41=1,000 ;											
2440-0004	Ion Dump parts	145	31AUG11A	02APR12	02APR12		195	50	2,418.21	C	41=2,000 ;											
2440-0005	Magnet parts	41	12MAR12A	22MAR12A	22MAR12A			100	600.00	C	41=500 ;											
2440-0006	90 inch flange and neutralizer parts	207	16JAN12A	02NOV12	02NOV12		107	50	1,200.00	C	41=1,000 ;											
2440-0007	Exit spool piece parts	22	02APR12	01MAY12	01MAY12		233	0	6,000.00	C	41=5,000 ;											
2440-0008	BL Lid parts	65	02APR12	02JUL12	02JUL12		194	0	1,440.00	C	41=1,200 ;											
2440-0009	BL Box parts	65	23MAY12	23AUG12	23AUG12		195	0	4,800.00	C	41=4,000 ;											
Refurbishment																						
2440-0011	Calorimeter TC wiring	140	16JAN12A	31JUL12	31JUL12		195	50	41,448.00	C	EM//tb =160 ; EE//TB =160 ; 41=10,000 ;											
2440-0012	Ion Dump TC wiring	30	01JUN12	13JUL12	13JUL12		224	0	35,448.00	C	EM//tb =160 ; EE//TB =160 ; 41=5,000 ;											
2440-0013	Magnet TC wiring	41	12MAR12A	22MAR12A	22MAR12A			100	32,932.80	C	EM//ST =160 ; EE//TB =160 ; 41=2,000 ;											
2440-0014	90 inch flange and neutralizer TC wiring	65	03AUG12	02NOV12	02NOV12		107	0	32,104.00	C	EM//tb =160 ; EE//TB =160 ; 41=2,000 ;											
2440-0015	Exit spool piece TC wiring (refurb & relocate)	22	12MAR12A	22MAR12A	22MAR12A			100	32,932.80	C	EM//ST =160 ; EE//TB =160 ; 41=2,000 ;											
Title III																						
2440-0001	Begin refurbishment job parts list	143*	01OCT10A	31JAN11A	31JAN11A			100	6,212.80	C	EE//SM =40 ;											
2440-0002	Prepare drawings	499	01OCT10A	28SEP12	28SEP12		192	60	43,697.73	C	EA//ES =480 ;											
2440-0002A	Engineering Supervision	499	01OCT10A	28SEP12	28SEP12		192	37	163,100.67	C	EM//EM =960 ;											
2440PEER	Peer Review	0		14APR11A	14APR11A			100	0.00	B	▼											
Midplane Bay K																						
Final Design																						
FY092440	FY09 Actual Cost	22*	23FEB09A	30SEP09A	30SEP09A			100	28,566.00	C												
FY102440	FY10 Actual Cost	100	01DEC09A	30APR10A	30APR10A			100	5,908.00	C												
FY102440A	FY10 Actual Cost	1	03MAY10A	30SEP10A	30SEP10A			100	6,131.00	C	81=6131											
Refurbishment																						
Refurbishment																						
2440-0017A	Radiation Supplies (M&S)	478	01NOV10A	28SEP12	28SEP12		192	37	307,186.19	C	41=250,000 ;											
2440-0017B	Test Cell Maintenance	478	01NOV10A	28SEP12	28SEP12		192	37	98,302.53	C	41=3,000 ; EM//tb=1000											
2440-0018	Refurbish BL Box	157	16JAN12A	23AUG12	23AUG12		195	20	83,560.00	C	EE//SM =160 ; EE//TB =640 ; 41=1,000 ;											
2440-0020	Refurbish BL Lid	119	16JAN12A	02JUL12	29JUN12		194	60	85,960.00	C	EE//SM =160 ; EE//TB =640 ; 41=3,000 ;											
2440-0022	Refurbish 90 inch flange and neutralizer	210	06SEP11A	09JUL12	09JUL12		190	65	166,445.56	C	EE//SM =320 ; EE//TB =1,280 ; 41=2,000 ;											
2440-0024	Refurbish Bending Magnet	22	18MAY12	19JUN12	19JUN12		203	0	83,560.00	E	EE//SM =160 ; EE//TB =640 ; 41=1,000 ;											
2440-0026	Refurbish(Fabricate) spool piece	64	02MAY12	01AUG12	01AUG12		233	0	167,120.00	E	EE//SM =320 ; EE//TB =1,280 ; 41=2,000 ;											

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS												
											FY11			FY12			FY13			FY14		
	2450-0059	Nitrogen Transfer Lines	157	23MAR12A	01NOV12	01NOV12	292	5	136,127.82	C												
	2450-0061	SF6 Transfer Lines	30	01JUL13*	13AUG13	13AUG13	142	0	51,657.16	E												
	2450-0063	HVE Water Lines	65	05MAR13	04JUN13	04JUN13	190	0	156,399.67	C												
	2450-0065	Ion Dump Water Lines	168	05MAR13	30OCT13	30OCT13	57	0	367,687.03	C												
	2450-0067	Ion Source Water Lines	168	05MAR13	30OCT13	30OCT13	57	0	264,886.75	C												
	2450-0074	Vacuum Lines	30	31OCT13	13DEC13	13DEC13	57	0	66,319.39	E												
	2450-0085	Stack 8 Vacuum Lines	43	01MAY12	29JUN12	29JUN12	420	0	38,888.80	E												
	2450-0093	Gas System	23	05MAR13	04APR13	04APR13	232	0	36,952.87	E												
	2450-0097	FAB/ASSEMBLY Legs (TECH SHOP)	101*	22AUG11A	23DEC11A	23DEC11A		100	52,823.33	C												
	2450-0099	HVAC	99	01OCT12*	18FEB13	18FEB13	265	0	28,400.80	C												
	2450-0102	Platform Mods	504	19AUG11A	27AUG13	27AUG13	52	15	402,703.41	C												
	2450-0103	NBI SERVICES COMPLETE	0		13DEC13	13DEC13	57	0	0.00	B												
	Title III																					
	2450-0053A	Engineering for 2nd NBI Services	561	03JAN12A	02APR14	02APR14	375	11	467,807.57	A												
	2450-0053B	Engineering Support for 2nd NBI Services (Vic)	561	03JAN12A	02APR14	02APR14	375	11	96,347.95	A												
	2450-0053C	Drafting Support for 2nd NBI Services	539	03JAN12A	03MAR14	03MAR14	24	12	103,831.12	A												
Job: 2460 - 2nd NBI Armor-TRESEMER																						
	Final Design																					
	2460-0016	Armor Service Connection (Bay H)	10	06JUL10A	19JUL10A	19JUL10A		100	0.00	C												
	2460-0018	PDR Prep - NBI Armor	36	03MAY10A	22JUN10A	22JUN10A		100	0.00	C												
	2460-0019	CONDUCT PDR - NBI Armor	1	23JUN10A	23JUN10A	23JUN10A		100	0.00	C												
	2460-0020	Disposition PDR Chits - Final Design	23	28JUN10A	29JUL10A	29JUL10A		100	0.00	C												
	2460-0021	Revise Armor Backing &Armor service connecti	19	28JUN10A	23JUL10A	23JUL10A		100	0.00	C												
	2460-0022	Design Drawings	186*	02AUG10A	08NOV10A	08NOV10A		100	12,719.68	C												
	2460-0024	Armor Instrumentation/Service Connection	63*	18JAN11A	14APR11A	14APR11A		100	18,542.32	C												
	2460-0025	Develop Installation Techniques	20*	15MAR11A	11APR11A	11APR11A		100	10,821.60	C												
	2460-0026	Update Analysis	63*	21FEB11A	18MAY11A	18MAY11A		100	43,135.10	C												
	2460-0026A	Peer Review - 2nd NBI Armor	0		14APR11A	14APR11A		100	0.00	B												
	2460-0027	Update Cost & Sched Estimate - Final Dsgn	89*	24JAN11A	26MAY11A	26MAY11A		100	9,967.23	C												
	2460-0028	100FDR Prep - NBI Armor	21*	19MAY11A	17JUN11A	17JUN11A		100	6,446.04	C												
	2460-0029	Conduct FDR - NBI Armor	3	20JUN11A	22JUN11A	22JUN11A		100	1,265.68	C												
	2460-0030	FDR Chit Resolution	20	23JUN11A	24JUN11A	24JUN11A		100	23,472.00	C												

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11				FY12				FY13				FY14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Job: 2470 - 2nd NBI Power-RAKI	FY092460	FY09 Actual Cost	22*	23FEB09A	30SEP09A	30SEP09A		100	35,786.00	C																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS					
											FY11	FY12	FY13	FY14	
21-AC Aux.															
Installation															
	247000245	ip211-AC Auxiliaries PP's etc	130	01OCT12*	11APR13	11APR13	187	0	159,509.76	K				EE//EM =144 ; EE//SM =56 ; EE//41=20,000 ; 41=25,	
	247000250	212 grounding	130	01OCT12*	11APR13	11APR13	187	0	100,290.24	K				EE//EM =72 ; EE//SM =32 ; EE//41=10,000 ; 41=15,	
22-Reactivation															
Installation															
	247000254	Power Testing of Reactivated Equipment	45	01JUL13	04SEP13	04SEP13	87	0	47,485.92	C	EE//EM =32 ; EE//SM =120 ; EE//41=0 ;	EE//SB =00 ; EE//TB =240 ;			
	247000255	Switchyard- Reactivation	45	01OCT12	04DEC12	04DEC12	87	0	65,268.40	C			EE//EM =48 ; EE//SM =80 ; EE//41=8,000 ;	EE//SB ; EE//TB ;	
	247000256	Surge Room- Reactivation	50	05DEC12	21FEB13	21FEB13	87	0	96,505.84	C			EE//EM =48 ; EE//SM =200 ; EE//41=12,000 ;	EE//SB ; EE//TB ;	
	247000257	Mod- reg- Reactivation	30	22FEB13	04APR13	04APR13	87	0	44,864.40	E			EE//EM =48 ; EE//SM =80 ; EE//41=6,000 ;	EE//SB ; EE//TB ;	
	247000258	Arc/Filament/magnet- Reactivation	30	05APR13	16MAY13	16MAY13	87	0	35,702.48	E	EE//EM =48 ; EE//SM =48 ; EE//41=4,000 ;	EE//SB =08 ; EE//TB =144 ;			
	247000259	LCC- Reactivation	30	17MAY13	28JUN13	28JUN13	87	0	42,464.40	E	EE//EM =48 ; EE//SM =80 ; EE//41=4,000 ;	EE//SB =08 ; EE//TB =160 ;			
24-Cabling															
Procurement															
	247000280	Prep Procurement Spec - Raceway	15	06JUN12	26JUN12	26JUN12	134	0	22,931.60	E			EE//EM =40 ; EE//SB =120		
	247000420	Prep Req & Procurement Pckg - Penetrations	1	23APR12	23APR12	23APR12	206	0	1,448.56	E			EE//EM =08 ;		
	247000430	Submit Req to Procurement - Penetrations	1	24APR12	24APR12	24APR12	206	0	724.28	E			EE//EM =04 ;		
	247000440	Procurement Lead Time - Penetrations	25	25APR12	30MAY12	30MAY12	206	0	0.00	E					
	247000450	Award - Penetrations	1	31MAY12	31MAY12	31MAY12	206	0	0.00	E					
	247000460	Procurement/Fab/Assembly - Penetrations	65	01JUN12	31AUG12	31AUG12	206	0	6,000.00	C			41=5,000 ;		
	247000470	Prep Req & Procurement Pckg - Cables	1	19DEC11A	20DEC11A	20DEC11A		100	1,448.56	E			EE//EM =08 ;		
	247000480	Submit Req to Procurement - Cables	1	20DEC11A	21DEC11A	21DEC11A		100	724.28	E			EE//EM =04 ;		
	247000490	Procurement Lead Time - Cables	30	19DEC11A	21DEC11A	21DEC11A		100	0.00	E					
	247000500	Award - Cables	37*	22DEC11A	16FEB12A	16FEB12A		100	0.00	E					
	247000510	Procurement - NBI Power Cables	284	13FEB12A	01APR13	01APR13	55	50	506,640.00	C			41=422,200 ;		
	247000520	Prep Req & Procurement Pckg - Raceway	1	10SEP12	10SEP12	10SEP12	134	0	1,448.56	E			EE//EM =08 ;		
	247000530	Submit Req to Procurement - Raceway	1	11SEP12	11SEP12	11SEP12	134	0	724.28	E			EE//EM =04 ;		
	247000540	Procurement Lead Time - Raceway	15	12SEP12	02OCT12	02OCT12	134	0	0.00	E					
	247000550	Award - Raceway	1	03OCT12	03OCT12	03OCT12	134	0	0.00	E					
	247000560	Procurement/Fab/Assembly - Raceway	65	04OCT12	15JAN13	15JAN13	134	0	36,000.00	C			41=30,000 ;		

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11	FY12	FY13	FY14
	Title III													
	247000090	Design dwgs, changes,as-builts (LOE)	973	03MAY10A	31MAR14	31MAR14	377	49	83,654.29	A	EE//EM			
	System Testing													
	Final Design													
	FY092470	FY09 Actual Cost	22*	23FEB09A	30SEP09A	30SEP09A		100	115,170.00	C				
	FY102470	FY10 Actual Cost	143	01OCT09A	30APR10A	30APR10A		100	78,528.00	C				
	FY102470A	FY10 Actual Cost	110	03MAY10A	30SEP10A	30SEP10A		100	12,565.00	C	81=20122			
	Fabrication / Assembly													
	247000890	New Procedures, PTP's, ISTEP's	44	19AUG13	18OCT13	18OCT13	35	0	18,291.61	C	EE//EM =40	EE//SB =80		
	247000900	DC Hipots Engineering	20	21OCT13	15NOV13	15NOV13	35	0	7,650.80	E		EE//EM =40		
	247000910	DC Hipots Commissioning	40	18NOV13	24JAN14	24JAN14	35	0	10,541.84	C	EE//EM =24	EE//TB =64		
	247000950	Control Sys Engr	20	21OCT13	15NOV13	15NOV13	35	0	1,530.16	E		EE//EM =08		
	247000951	Control Sys Commissioning	40	18NOV13	24JAN14	24JAN14	35	0	6,822.24	C	EE//EM =24	EE//TB =24		
	247000960	Coil Protection Engr	20	21OCT13	15NOV13	15NOV13	35	0	1,530.16	E		EE//EM =08		
	Testing													
	247000920	Elect Interlock Testing Eng	20	21OCT13	15NOV13	15NOV13	35	0	1,530.16	E		EE//EM =08		
	247000930	Elect Interlock Testg Commissioning	40	18NOV13	24JAN14	24JAN14	35	0	10,541.84	C	EE//EM =24	EE//TB =64		
	247000940	Kirk Key Testing Eng	20	21OCT13	15NOV13	15NOV13	35	0	1,530.16	E		EE//EM =08		
	247000941	Kirk Key Testg Commissioning	40	18NOV13	24JAN14	24JAN14	35	0	5,292.08	C	EE//EM =16	EE//TB =24		
	247000945	Instrumentation Testing Engr	20	21OCT13	15NOV13	15NOV13	35	0	1,530.16	E		EE//EM =08		
	247000946	Instrumentation Commissioning	40	18NOV13	24JAN14	24JAN14	35	0	4,548.16	C	EE//EM =16	EE//TB =16		
	247000971	Coil Protection Commissioning	40	18NOV13	24JAN14	24JAN14	35	0	6,822.24	C	EE//EM =24	EE//TB =24		
	Relocate Sources													
	Installation													
	2425-0120A	Align 3 - Source Movement	0		24JUN13	24JUN13	176	0	0.00	E				
	Job: 2475 - 2nd NBI Controls-CROPPER													
	Control System Layout													
Final Design														
2475-0002	Control System Lay Out-NBI-Controls & Instrument	30	03MAY10A	14JUN10A	14JUN10A		100	0.00	C					
2475-0003	Update Cost & Sched Estimate-NBI-Control & Instrm	5	08JUN10A	14JUN10A	14JUN10A		100	0.00	C					
2475-0004	FMEA Analysis-NBI-Controls & Instrumentation	5	08JUN10A	14JUN10A	14JUN10A		100	0.00	C					
2475-0005	Design Drawings-NBI-Controls & Instrumentation	30	03MAY10A	14JUN10A	14JUN10A		100	0.00	C					
2475-0006	PDR Prep PPL-NBI-Controls & Instrumentation	6	15JUN10A	22JUN10A	22JUN10A		100	0.00	C					
2475-0009	CONDUCT PDR-NBI-Controls & Instrumentation	1	23JUN10A	23JUN10A	23JUN10A		100	0.00	C					
2475-0012	Disposition PDR Chits-NBI-Controls & Instrum	10	23JUN10A	28JUN10A	28JUN10A		100	0.00	C					
2475-0018	Protective Plate Interlocks-Prep Dwgs & Signoff	192*	03JAN11A	30SEP11A	30SEP11A		100	24,851.20	C		EE//SM =160			
2475-0102	PLC Control System Layout-Prep Dwgs & Signoff	296*	28JUL10A	30SEP11A	30SEP11A		100	18,413.68	C		EE//SM =120			
2475-0103	Remote LCC Control Sys Layout-Prep Dwgs & Signof	209*	01DEC10A	31MAY11A	31MAY11A		100	6,212.80	C		EE//SM =40			
2475-0104	TC scanners/Beamline/P.P-Prep Dwgs & Signoff	192*	03JAN11A	30JUN11A	30JUN11A		100	12,425.60	C		EE//SM =80			
2475-0105	NBOS Station - Control System Layout	10	02MAY12	15MAY12	15MAY12	242	0	6,505.20	C			EE//SM =40		
2475-0106	DWGS CWD's & Cable Diagram-Prep Dwgs & Signoff	250*	01OCT10A	30SEP11A	30SEP11A		100	139,376.00	C		EE//SM =640	EA//SB=320		

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11				FY12				FY13				FY14				
Final Design																											
Final Design																											
	2475-0110	Design Drawings-NBI-Controls & Instrumentation	480	29JUN10A	30MAY12	30MAY12	344	90	87,141.73	C		EE//SM =160 ;ea//sb=500															
	2475-0110A	Update Cost & SchedEstimate-NBI-Controls & Instr	10*	23MAY11A	06JUN11A	06JUN11A		100	6,212.80	C		EE//SM =40 ;															
	2475-0110B	FDR Prep PPL-NBI-Controls & Instrumentation	10*	07JUN11A	20JUN11A	20JUN11A		100	7,455.36	C		EE//SM =48 ;															
	2475-0111	CONDUCT FDR-NBI-Controls & Instrumentation	3	22JUN11A	24JUN11A	24JUN11A		100	1,242.56	C		EE//SM =08 ;															
	2475PEER	Peer Review	0		14APR11A	14APR11A		100	0.00	B																	
	FY102475A	FY10 Actual Cost	110	03MAY10A	30SEP10A	30SEP10A		100	1,855.00	C		81=8499															
Procurement																											
Procurement																											
	2475-0116	Prep Requisition and procurement package	132	19SEP11A	06APR12	06APR12	15	85	6,483.86	E		EE//SM =40 ;															
	2475-0117	SUBMIT REQ TO PROCUREMENT	127	26SEP11A	06APR12	06APR12	15	85	1,298.82	E		EE//SM =08 ;															
	2475-0118	Procurement lead time (1)	148	26SEP11A	30APR12	30APR12	15	85	0.00	E																	
	2475-0119	AWARD-NBI-Controls & Instrumentation	148	26SEP11A	30APR12	30APR12	15	85	0.00	E																	
	2475-0120	Fabricate or delivery--NBI-Controls & Instrument	191	26SEP11A	29JUN12	29JUN12	15	85	517,876.96	C		41=\$431,000															
Fab/Assembly																											
Fabrication / Assembly																											
	2475-0123	Fab/Assy Procedure	5	01DEC11A	19DEC11A	19DEC11A		100	6,505.20	E		EE//SM =40 ;															
	2475-0125	Cable Tray - Fab/Assembly	40	02JUL12	27AUG12	27AUG12	170	0	73,452.80	C		EM//ST =640 ;m&s=10k															
	2475-0126	Gradient Grid divider - Fab/Assembly	154	20FEB12A	25SEP12	25SEP12	150	15	65,355.92	E		EE//SM =24 ;EE//TB =64															
	2475-0127	Control Rack Cage - Fab/Assembly	5	01DEC11A	20DEC11A	20DEC11A		100	9,525.04	E		EE//SM =08 ; EM//ST =80 ; 41=000 ;															
	2475-0129	Penetrations - Fab/Assembly	41	26NOV12	30JAN13	30JAN13	148	0	0.00	E		EE//SM =0 ; EM//tb =0 ; 41=00,000 ;															
Installation																											
	2475-0128	Rack relocation - Fab/Assembly	176	17OCT11A	29JUN12	29JUN12	46	80	42,275.10	E		EE//SM =40 ; EE//TB =210 EM//tb =180 ;															
	2475-0130	Disconnect remote control	171	24OCT11A	29JUN12	29JUN12	140	85	22,523.28	E		EE//SM =08 ; EE//SB =24 EE//TB =104 ; EM//ST =68 ;m&															
Installation																											
Fabrication / Assembly																											
	2475-0133	Installation Procedures	164	20FEB12A	09OCT12	09OCT12	140	50	11,601.97	E		EE//SM =40 ; EA//SB =4															
Installation																											
	2475-0134	Beam Line Cabling - Installation	80	10JAN13	01MAY13	01MAY13	83	0	218,012.64	C		EE//SM =320 ; EE EM//ST =16 ; 41=															
	2475-0135	Aux Cabling - Installation	249	24JUL12	24JUL13	24JUL13	46	0	84,956.51	E		EE//SM =80 ;															
	2475-0136	Protective Plate Interlocks(I/P Pyrometer/IR Cam	20	25JUN13	24JUL13	24JUL13	46	0	35,458.40	E		EE//SM =40 ; EE//TB =320 ;															
	2475-0137	TC Scanners - beamline & Protective Plates-Instl	332	10DEC11A	12APR13	12APR13	86	25	42,089.20	C		EE//SM =40 ; EE//															
	2475-0138	NBOS Station - Installation	10	25JUL13	07AUG13	07AUG13	46	0	27,707.20	E		EE//SM =80 ; EE//TB =160 ;															
	2475-0139	LCC Remote - Installation	191	26SEP11A	29JUN12	29JUN12	15	12	146,339.46	C		EE//SM =40 ; EE//SB =640 EE//TB =640 ;															
	2475-0140	Power Supply Upgrade - Installation	394	16JAN12A	08AUG13	08AUG13	15	50	57,911.96	E		EE//SM =24 ; EE//TB =368															
	2475-0141	Protective Plate TC's - Installation	10	09AUG13	22AUG13	22AUG13	15	0	11,192.80	E		EE//SM =24 ; EE//TB =80 ;															

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS				
											FY11	FY12	FY13	FY14
Programming														
Final Design														
	2475-0145	Beamline TC Scanner Program-NBI-Controls & Instr	20	15APR13	10MAY13	10MAY13	86	0	25,381.60	E	EE//SM =24 ; EE//sB =160 ;			
	2475-0146	Protective Plate TC Scanner Program-NBI-Controls	20	23AUG13	20SEP13	20SEP13	15	0	25,381.60	E	EE//SM =24 ; EE//sB =160 ;			
	2475-0147	LCC Remote LabView Programing-NBI-Controls/Instr	64	01OCT12*	09JAN13	09JAN13	83	0	46,772.00	C	EE//SM =24 ; EE//sB			
Installation														
	2475-0144	PLC & RSView Programing-NBI-Controls & Instrumen	51	10OCT12	21DEC12	21DEC12	199	0	53,216.00	C	EE//SM =320 ;			
Testing														
Installation														
	2475-0149	PTP Testing	20	23SEP13	18OCT13	18OCT13	15	0	63,841.92	E	EE//SM =160			
Commissioning in Ops														
Installation														
	2475-0154	Commissioning & Testing of 4A Power System	20	21OCT13	15NOV13	15NOV13	15	0	0.00	E				
	2475-0155	Commissioning & Testing of 4B Power System	20	18NOV13	17DEC13	17DEC13	15	0	0.00	E				
	2475-0156	Commissioning & Testing of 4C Power System	20	18DEC13	24JAN14	24JAN14	15	0	0.00	E				
	2475-0157	40 kv Beam Operation	20	27JAN14	21FEB14	21FEB14	15	0	0.00	E				
Job: 2480 - 2nd NBI/TVPS Duct & VV-DENAULT														
Design														
Final Design														
	2480-0024	New Coil Comonents F/J-K RWM Coil Re Dsgn	22	03MAY10A	02JUN10A	02JUN10A		100	0.00	C				
	2480-0025	Seismic Analysis	5	03MAY10A	07MAY10A	07MAY10A		100	0.00	C				
	2480-0027	PDR Prep - Duct & VV Mods	36	03MAY10A	22JUN10A	22JUN10A		100	0.00	C				
	2480-0028	CONDUCT PDR - Duct & VV Mods	1	23JUN10A	23JUN10A	23JUN10A		100	0.00	C				
	2480-0029	Disposition PDR Chits - Final Design	84*	03JUN10A	30SEP10A	30SEP10A		100	0.00	C	EM//EM =158 ; EA//ES =132 ; EA//EM =26 ;			
	2480-0029A	Installation Prototype	166*	18OCT10A	31MAY11A	31MAY11A		100	21,304.56	C	EM//EM =36 ; em//tb=100; 41=5,000			
	2480-0030	J-K Cap/Installation Procedure	342	16AUG10A	30NOV11A	30NOV11A		100	26,984.69	C	EM//EM =48 ; EA//ES =48 ; 35=12,000 ;			
	2480-0031	K- Port Extension	41*	16AUG10A	30SEP10A	30SEP10A		100	0.00	C	EM//EM =14 ; EA//ES =14 ;			
	2480-0032	NB- Ceramic-Break	47*	16AUG10A	30SEP10A	30SEP10A		100	0.00	C	EM//EM =12 ; EA//ES =12 ;			
	2480-0033	Spool Piece/Round Bellows	52*	16AUG10A	30SEP10A	30SEP10A		100	0.00	C	EM//EM =02 ; EA//ES =10 ;			
	2480-0034	Rectangular Bellows Assembly	342	16AUG10A	30NOV11A	30NOV11A		100	2,386.66	C	EM//EM =04 ; EA//ES =20 ;			
	2480-0035	Design Drawings - Final Design	172*	16AUG10A	31DEC10A	31DEC10A		100	41,513.09	C	EM//EM =72 ; EA//ES =360 ;			
	2480-0037	Update Analysis - Final Design	278*	01NOV10A	31OCT11A	31OCT11A		100	9,962.58	C	EA//EM =40 ; EM//EM =14 ;			
	2480-0038	Update Cost & Sched Estimate - Final Dsgn	175*	01NOV10A	15JUL11A	15JUL11A		100	3,164.20	C	EM//EM =20 ;			
	2480-0039	FDR Prep-Duct & VV Mods	21	19MAY11A	24JUN11A	24JUN11A		100	0.00	C	EM//EM=56			
	2480-0040	CONDUCT FDR-Duct & VV Mods	3	22JUN11A	24JUN11A	24JUN11A		100	1,265.68	C	EM//EM =08 ;			
	2480-0041	Disposition FDR Chits	33	05JUL11A	29JUL11A	29JUL11A		100	24,523.00	C	EM//EM =100 ; EA//ES =100 ;			
	2480PEER	Peer review	0		14APR11A	14APR11A		100	0.00	B	▼			
	FY092480	FY09 Actual Cost	22*	23FEB09A	30SEP09A	30SEP09A		100	183,352.00	C				
	FY102480	FY10 Actual Cost	143	01OCT09A	30APR10A	30APR10A		100	101,704.00	C				
	FY102480A	FY10 Actual Cost	110	03MAY10A	30SEP10A	30SEP10A		100	35,090.00	C	81=69465			

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS															
											FY11			FY12			FY13			FY14					
Procure, Fab & Assembly																									
Procurement																									
2480-0042	Prep Req & Procuremnt Pckg 40" VAT Valves	58*	14NOV11A	31JAN12A	31JAN12A			100	8,718.24	E															
2480-0044	Submit Req to Procurement - 40" VAT Valves (2)	11*	31JAN12A	31JAN12A	31JAN12A			100	1,453.04	E															
2480-0045	Procurement Lead Times - 40" VAT Valves (2)	25	31JAN12A	31JAN12A	31JAN12A			100	0.00	E															
2480-0046	Award - - 40" VAT Valves (2)	10*	27FEB12A	09MAR12A	09MAR12A			100	0.00	E															
2480-0047	Fabricate / Delivery - 40" VAT Valves (2)	101	02APR12	22AUG12	22AUG12	237	0		319,089.00	C															
2480-0049	Submit Req to Procurement - 40" Bellows Section	30	02APR12	11MAY12	11MAY12	142	0		1,453.04	E															
2480-0050	Procurement Lead Time - 40" Bellows Section	33	14MAY12	28JUN12	28JUN12	142	0		0.00	E															
2480-0051	Award - 40" Bellows Section	3	29JUN12	03JUL12	03JUL12	142	0		0.00	E															
2480-0052	Fabricate / Delivery - 40" Bellows Section	130	05JUL12	16JAN13	16JAN13	142	0		248,527.38	C															
2480-0054	N/A Sub Req to Proc-Rectangular Bellows Section	1	30NOV11A	30NOV11A	30NOV11A			100	1,453.04	E															
2480-0055	N/A Proc Lead Time-Rectangular Bellows Sectn	25	30NOV11A	30NOV11A	30NOV11A			100	0.00	E															
2480-0056	N/A Award-Rectangular Bellows Section	1	30NOV11A	30NOV11A	30NOV11A			100	0.00	E															
2480-0057A	Waterjet - Rectangular Bellows (SPARE)	40	01OCT12*	27NOV12	27NOV12	345	0		21,601.80	E															
2480-0057B	Stamping - Rectangular Bellows (SPARE)	60	28NOV12	28FEB13	28FEB13	345	0		29,256.50	C															
2480-0057C	Machining - Rectangular Bellows (SPARE)	100	01MAR13	23JUL13	23JUL13	345	0		47,260.50	C															
2480-0057D	Welding - Rectangular Bellows (SPARE)	180	24JUL13	16APR14	16APR14	345	0		87,492.42	C															
2480-0057E	Leak Checking - Rectangular Bellows (SPARE)	20	17APR14	14MAY14	14MAY14	345	0		6,230.33	E															
2480-0058	PPPL Fabr Rectang Bellows (previously ops spare)	240	02MAY11A	16APR12	16APR12	327	95		0.00	C															
2480-0059	Prep Req & Procuremnt Pckg - Vessel Cap & Port E	37	14NOV11A	13JAN12A	13JAN12A			100	11,624.32	E															
2480-0060	Submit Req to Procurement - Vessel Cap & Port Ex	1	16JAN12A	16JAN12A	16JAN12A			100	726.52	E															
2480-0061	Procurement Lead Times - Vessel Cap & Port Exten	32*	17JAN12A	22FEB12A	22FEB12A			100	0.00	E															
2480-0062	Award - Vessel Cap & Port Extension	1	28FEB12A	28FEB12A	28FEB12A			100	0.00	E															
2480-0063	Fabricate / Delivery - Vessel Cap & Port Extensn	31	19MAR12A	30APR12	30APR12	292	25		60,488.40	K															
2480-0064	Prep Req & Procuremnt Pckg - Spool Piece	103	14NOV11A	16APR12	16APR12	67	90		5,448.90	E															
2480-0065	Submit Req to Procurement - Spool Piece	1	26SEP12	26SEP12	26SEP12	67	0		726.52	E															
2480-0066	Procurement Lead Times - Spool Piece	25	27SEP12	31OCT12	31OCT12	67	0		0.00	E															
2480-0067	Award - Spool Piece	1	01NOV12	01NOV12	01NOV12	67	0		0.00	E															
2480-0068	Fabricate / Delivery - Spool Piece	120	02NOV12*	01MAY13	01MAY13	67	0		72,000.00	C															
2480-0070	Fabricate / Delivery - RWM Coil Mtrl (cooper)	100	02NOV12	03APR13	03APR13	77	0		15,885.84	C															
2480-0072	Prep Req & Procuremnt Pckg-Raw Material f/Duct	3	27AUG12	29AUG12	29AUG12	119	0		3,269.34	E															
2480-0073	Submit Req to Procurement -Other Material f/Duct	1	06JAN12A	06JAN12A	06JAN12A			100	726.52	E															
2480-0074	Procurement Lead Time - Other Material for Duct	71	09JAN12A	16APR12	16APR12	214	20		0.00	E															
2480-0075	Award - Other Material for Duct	1	30AUG12	30AUG12	30AUG12	119	0		0.00	E															
2480-0076	Fabricate / Delivery-Other Mtrl f/Duct	100	03OCT12*	04MAR13	04MAR13	97	0		120,000.00	K															
Installation																									
2480-0077	Installation Procedure - Duct & VV Mods	67	23JAN12A	24APR12	24APR12	189	75		28,459.20	C															
2480-0078	Installation Material - Duct & VV Mods	20	25APR12	22MAY12	22MAY12	189	0		24,000.00	E															
2480-0078A	Duct Cladding Installation	10	05MAR13	18MAR13	18MAR13	105	0		7,377.24	E															

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS												
											FY11			FY12			FY13			FY14		
Installation																						
Installation																						
2480-0081	Install Vessel Supports/Prep Machine		12	01MAY12	16MAY12	16MAY12	189	0	13,636.17	E												
2480-0082	Remove Bay-K Nozzle		28	01MAY12	08JUN12	08JUN12	257	0	9,873.90	E												
2480-0083	Cut J-K opening		29	11JUN12	20JUL12	20JUL12	257	0	83,664.80	E												
2480-0084	Fit Up/Install Cap		8	20JUN12	29JUN12	29JUN12	257	0	42,040.60	E												
2480-0085	Install Duct Supports		3	02JUL12	05JUL12	05JUL12	257	0	3,147.84	E												
2480-0086	Install K Extension		2	06JUL12	09JUL12	09JUL12	257	0	1,899.58	E												
2480-0086A	RWM Coil Installation		10	04APR13	17APR13	17APR13	77	0	10,759.14	E												
2480-0088	Make up NB2 Transition Duct		7	05MAR13	13MAR13	13MAR13	97	0	8,773.20	E												
2480-0089	Leak Check Duct		5	14MAR13	20MAR13	20MAR13	97	0	3,927.60	E												
2480-0090	Install Transition Duct		5	02MAY13	08MAY13	08MAY13	67	0	7,855.20	E												
2480-0091	Install, Connect Bake Out Lines		1	09MAY13	09MAY13	09MAY13	67	0	971.25	E												
Testing																						
2480-0092	PTP Testing - Duct & VV Mods		5	10MAY13	16MAY13	16MAY13	67	0	1,963.80	E												
Job: 2485 - Vacuum Pumping System-BLANCHARD																						
Design																						
Final Design																						
2485-0013	PDR Prep		10	09JUN10A	22JUN10A	22JUN10A		100	0.00	C												
2485-0014	CONDUCT PDR		2	23JUN10A	24JUN10A	24JUN10A		100	0.00	C												
2485-0015	Disposition PDR Chits		15	25JUN10A	16JUL10A	16JUL10A		100	0.00	C												
2485-0016	Vacuum Diagnostic Layout		29*	14MAR11A	21APR11A	21APR11A		100	4,050.32	C												
2485-0016A	Magnetic Shieding Conceptual Design		143	01SEP10A	12NOV10A	12NOV10A		100	5,887.05	C												
2485-0016B	Magnetic Shieding Final Design		79*	03JAN11A	21APR11A	21APR11A		100	9,036.20	C												
2485-0017	Design Drawings		337*	19JUL10A	17NOV11A	17NOV11A		100	12,134.43	C												
2485-0018	Update Cost & Schedule Estimate		155*	01NOV10A	16JUN11A	16JUN11A		100	6,328.40	C												
2485-0019	FDR Prep		34*	02MAY11A	17JUN11A	17JUN11A		100	0.00	C												
2485-0020	CONDUCT FDR		3	22JUN11A	24JUN11A	24JUN11A		100	0.00	C												
2485-0021	FDR Chit Resolution (All Areas)		20	22JUN11A	24JUN11A	24JUN11A		100	19,618.40	C												
2485PEER	Peer Review		0		14APR11A	14APR11A		100	0.00	B												
FY102485	FY10 Actual Cost		40	01MAR10A	30APR10A	30APR10A		100	5,206.00	C												
FY102485A	FY10 Actual Cost		110	03MAY10A	30SEP10A	30SEP10A		100	28,285.00	C												
Procure, Fab & Assembly																						
Procurement																						
2485-0022	Prep Req & proc pkg - TMPx2		4	04SEP12*	07SEP12	07SEP12	212	0	3,632.60	E												
2485-0023	SUBMIT REQ TO PROC - TMPx2		1	10SEP12	10SEP12	10SEP12	212	0	181.63	E												
2485-0024	Procurement lead time (1) - TMPx2		15	11SEP12	01OCT12	01OCT12	212	0	0.00	E												
2485-0025	AWARD - TMPx2		1	02OCT12	02OCT12	02OCT12	212	0	0.00	E												
2485-0026	Fabricate or delivery - TMPx2		90	03OCT12	18FEB13	18FEB13	212	0	78,000.00	C												
2485-0028	Prep Req & proc pkg - New Valves		2	10SEP12	11SEP12	11SEP12	220	0	363.26	E												

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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	2485-0029	SUBMIT REQ TO PROC- New Valves	1	12SEP12	12SEP12	12SEP12	220	0	181.63	E																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		</

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11				FY12				FY13				FY14			
	24910310	Prep procedure rack 449 removal - Glow Discharge	176	14MAR11A	17NOV11A	17NOV11A		100	3,812.12	C																
	24910360	Prep proced rack 456 removal-Xray Crystal Spectr	120*	14MAR11A	30AUG11A	30AUG11A		100	3,777.12	C																
	24910380	Prp procd rack 488 remv-Dep monitr/fast xray/NPA	142*	14MAR11A	11JUL11A	11JUL11A		100	3,777.12	C																
	24910430	Prep procedure rack 489 removal - NPA	142*	14MAR11A	11JUL11A	11JUL11A		100	3,777.12	C																
	24910450	Prep procedure rack removal - PSI Camera	132*	14MAR11A	23SEP11A	23SEP11A		100	3,777.12	C																
	24910500	Prp procd rack removal -Ultra Fast X-ray Camera	142*	14MAR11A	29JUL11A	29JUL11A		100	3,777.12	C																
	24910550	Prep procd rack removal-Transmsn Grating Spectro	143*	14MAR11A	23SEP11A	23SEP11A		100	3,777.12	C																
	24910700	Prp procd equipt removal Bay J-Two gas injectors	153	14MAR11A	17OCT11A	17OCT11A		100	1,279.15	C																
	24910750	Prep procd equipment removal Bay J - Reflectomer	153	14MAR11A	17OCT11A	17OCT11A		100	1,279.15	C																
	24910800	Prep procdur equipment removal Bay J - Bolometer	153	14MAR11A	17OCT11A	17OCT11A		100	1,279.15	C																
	24910850	Prep procdure equipment removal Bay J - RF Prove	153	14MAR11A	17OCT11A	17OCT11A		100	1,279.15	C																
	24910900	Prep procedure equipment removal Bay J - S-Flip	153	14MAR11A	17OCT11A	17OCT11A		100	1,279.15	C																
	24910950	Prep procedure equipment removal Bay J - SSNPA	153	14MAR11A	17OCT11A	17OCT11A		100	1,279.15	C																
	24911000	Prp procd equipt removal Bay J-Re-entrant Window	176	14MAR11A	17NOV11A	17NOV11A		100	1,301.87	C																
	24911050	Prp procd equipt removal Bay K-High K Scattering	147	14MAR11A	07OCT11A	07OCT11A		100	6,360.26	C																
	24911070	Prep procdure equipment removal Bay K - FireTips	147	14MAR11A	07OCT11A	07OCT11A		100	6,360.26	C																
	24911090	Prep procdur equipment removal Bay K - PSI Camera	153	14MAR11A	17OCT11A	17OCT11A		100	3,837.45	C																
	24911110	Prp procedure equipment removal Bay K - NPA	143*	14MAR11A	23SEP11A	23SEP11A		100	6,328.40	C																
	24911130	Prp procd equipt remov Bay K-Ultra Fast Xray Cam	143*	14MAR11A	23SEP11A	23SEP11A		100	1,265.68	C																
	24911150	Prp procd equipt removal Bay K-IR Window f/Camra	176	14MAR11A	17NOV11A	17NOV11A		100	1,301.87	C																
	24911200	Prp procd equip removal Bay K-Trans Grating Spec	168	14MAR11A	07NOV11A	07NOV11A		100	1,294.68	C																
	24911250	Prep procd EQ remval Bay L pmp duct-VV Ion Gages	176*	14MAR11A	29NOV11A	29NOV11A		100	2,613.72	C																
	24911300	Prp procd EQ rem BayL pmp duct-X-ray Crystal Spe	153	14MAR11A	17OCT11A	17OCT11A		100	1,279.15	C																
	24911320	Prep procedu equip removal Bay L pump duct-SPRED	153	14MAR11A	17OCT11A	17OCT11A		100	1,279.15	C																
	24911390	Prep procedure equip removal Bay L pump duct-RGA	153	14MAR11A	17OCT11A	17OCT11A		100	2,558.30	C																
	24911460	Prep procdur equip removal Bay L pump duct-LOWEUS	153	14MAR11A	17OCT11A	17OCT11A		100	1,279.15	C																
	24911630	Prp procd EQ remov Bay L pmp duct-MPTS Beam Dump	210	14MAR11A	11JAN12A	11JAN12A		100	1,324.51	C																
	24911642	Prp procd EQ remov Bay L pmp duct-Pump Duct	195*	14MAR11A	20DEC11A	20DEC11A		100	1,317.99	C																
	24911750	Prep procdur Power/Ground/Light @ Platform W NTC	285	14MAR11A	30APR12	30APR12	210	60	6,330.51	C																
	24911820	Prp procd EQ Remov Misc. - Gas Delivery System	176*	14MAR11A	29NOV11A	29NOV11A		100	1,306.86	C																
	24911840	Prp procd EQ Remov Misc. - NW Sect 109' Platform	263*	14MAR11A	31JAN12A	31JAN12A		100	2,665.31	C																
	24911860	Prp procd EQ Remov Misc. - Convenience Outlets	31*	12DEC11A	31JAN12A	31JAN12A		100	4,359.12	C																
	24911880	Prp procd EQ Remov Misc. - Cat 3 & Cat 4 Bus	242*	14MAR11A	31JAN12A	31JAN12A		100	6,663.27	C																
	24911900	Prp procd EQ Remv Misc-Lights/E-stops/Fire Alarm	238*	14MAR11A	31JAN12A	31JAN12A		100	7,995.93	C																
	24911920	Prp procd EQ Rem Misc-Glow Disch Splice Box/Disc	176	14MAR11A	29NOV11A	29NOV11A		100	2,613.72	C																
Removals																										
Fabrication / Assembly																										
	24911700	Design 5 sections of Platform EI 118' W Side NTC	10	06SEP11A	23SEP11A	23SEP11A		100	16,653.92	E																
	24911710	Prep procd 5 sections of Platform EI 118' W Side	3	12SEP11A	23SEP11A	23SEP11A		100	3,797.04	E																
	24911720	Fab 5 sections of Platform EI 118' W Side NTC	30*	19SEP11A	07OCT11A	07OCT11A		100	48,690.80	E																
Installation																										
	24910019	BEGIN REMOVALS	0		17OCT11A	17OCT11A		100	0.00	B																
	24910020	Remove rack 419 - UCLA Reflectometer	0	14NOV11A	14NOV11A	14NOV11A		100	8,018.64	E																

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS												
											FY11				FY12				FY13			
	24910170	Remove rack 440 - SPRED and VIPS	20*	16JAN12A	25JAN12A	25JAN12A		100	13,861.28	E					JONES=16; EM//TB=108 ;M&S=100;							
	24910220	40Remove rack 441-445 - VV ion gages, RGA	17	14DEC11A	11JAN12A	11JAN12A		100	30,069.76	E					JONES=32; EM//TB=240 ;M&S=100;							
	24910270	Remove rack 447-448 - Fiber Optics	5	11NOV11A	11NOV11A	11NOV11A		100	10,982.88	E					JONES=16; EM//TB=80 ;M&S=100;							
	24910320	Remove rack 449 - Glow Discharge	10	23NOV11A	29NOV11A	29NOV11A		100	20,526.32	E					JONES=24; EM//TB=160 ;M&S=100;							
	24910370	Remove rack 456 --Xray Crystal Spectr	8	20OCT11A	31OCT11A	31OCT11A		100	14,272.48	E												
	24910390	Remove rack 487 - Depositn monitor/fast xray/NPA	65	24OCT11A	18NOV11A	18NOV11A		100	14,272.48	E												
	24910440	Remove rack 489 - NPA	17	20OCT11A	18NOV11A	18NOV11A		100	20,526.32	E												
	24910460	Remove rack - PSI Camera	2	17OCT11A	28OCT11A	28OCT11A		100	4,729.04	E												
	24910510	Remove rack - Ultra Fast X-ray Camera	2	14OCT11A	18OCT11A	18OCT11A		100	4,729.04	E												
	24910560	Remove rack - Transmission Grating Spectrometer	3	14NOV11A	18NOV11A	18NOV11A		100	6,373.84	E												
	24910690	Moving equipment In & Out of NTC	71*	18OCT11A	03FEB12A	03FEB12A		100	12,507.68	E					JONES	=16		EM//TB	=96			
	24910710	Remove Bay J - Two gas injectors	1	17OCT11A	28OCT11A	28OCT11A		100	1,764.80	E												
	24910760	Remove Bay J - Reflectomer	1	17OCT11A	28OCT11A	28OCT11A		100	1,764.80	E												
	24910810	Remove Bay J - Bolometer	1	24OCT11A	28OCT11A	28OCT11A		100	1,764.80	E												
	24910860	Remove Bay J - RF Probe	1	24OCT11A	28OCT11A	28OCT11A		100	1,764.80	E												
	24910910	Remove Bay J - S-Flip	1	14NOV11A	17NOV11A	17NOV11A		100	1,764.80	E												
	24910960	Remove Bay J - SSNPA	1	24OCT11A	28OCT11A	28OCT11A		100	942.40	E												
	24911010	Remove Bay J - Re-entrant Window	1	14NOV11A	16NOV11A	16NOV11A		100	942.40	E												
	24911060	Remove Bay K - High K Scattering	10	11NOV11A	18NOV11A	18NOV11A		100	33,016.00	E												
	24911080	Remove Bay K - FireTips	5	24OCT11A	18NOV11A	18NOV11A		100	16,568.00	E												
	24911100	Remove Bay K - PSI Camera	4	24OCT11A	28OCT11A	28OCT11A		100	13,278.40	E												
	24911120	Remove Bay K - NPA	95	24OCT11A	11NOV11A	11NOV11A		100	33,016.00	E												
	24911140	Remove Bay K - Ultra Fast X-ray Camera	1	24OCT11A	28OCT11A	28OCT11A		100	942.40	E												
	24911160	Remove Bay K - IR Window for Camera	1	14NOV11A	16NOV11A	16NOV11A		100	942.40	E												
	24911210	Remove Bay K - Transmission Grating Spectrometer	1	14NOV11A	16NOV11A	16NOV11A		100	942.40	E												
	24911260	Remove Bay Bay L pump duct-VV Ion Gages/Filament	2	14NOV11A	17NOV11A	17NOV11A		100	3,409.60	E												
	24911310	Remove Bay Bay L pump duct--X-ray Crystal Spectr	1	24OCT11A	28OCT11A	28OCT11A		100	2,587.20	E												
	24911330	Remove Bay L pump duct-SPRED	14	16JAN12A	25JAN12A	25JAN12A		100	1,764.80	E					EM//TB	=16		41=100				
	24911400	Remove Bay L pump duct-RGA	72	24OCT11A	18JAN12A	18JAN12A		100	5,054.40	E					EM//TB	=48		M&S	=100			
	24911470	100100Remove Bay L pump duct - LOWEUS	3	24OCT11A	28OCT11A	28OCT11A		100	1,764.80	E												
	24911640	Remove Bay L pump duct-MPTS Beam Dump Window	1	12DEC11A	12DEC11A	12DEC11A		100	942.40	E					EM//TB	=08		M&S	=100			
	24911646	Remove Bay L pump duct-Pump Duct	1	21DEC11A	21DEC11A	21DEC11A		100	16,037.28	E					EM//TB=128		EM//SM=16		M&S=200			
	24911730	instl 5 sections of Platform EI 118' W Side NTC	70*	19OCT11A	03FEB12A	03FEB12A		100	20,289.20	E					EM//EM=40; EM//TB=80;M&S=4,000							
	24911830	Remove Misc. EQ. - Gas Delivery System	4	14NOV11A	17NOV11A	17NOV11A		100	16,997.28	E												
	24911850	Remove Misc. EQ - NW Sect 109' Platform	54*	12DEC11A	31JAN12A	31JAN12A		100	30,895.92	E					EM//TB=192		EM//SM=24		M&S=60			
	24911870	Remove Misc. EQ - Convenience Outlets	20	16JAN12A	25JAN12A	25JAN12A		100	0.00	E					EM//TB=160		EM//SM=24		M&S=10			
	24911890	100Remove Misc. EQ - Cat 3 & Cat 4 Bus	88	24OCT11A	31JAN12A	31JAN12A		100	13,262.88	E					EM//SM	=16		EM//TB	=80			
														M&S	=2,000							
	24911910	Remove Misc. EQ-Lights/E-stops/Fire Alarm	43	21NOV11A	30JAN12A	30JAN12A		100	30,260.16	E					EM//TB=208		EM//SM=32		M&S=30			
	24911930	Remove Misc. EQ-Glow Disch Splice Box/Disc	2	28NOV11A	28NOV11A	28NOV11A		100	5,809.04	E					EM//TB=328		EM//SM=08		M&S=1000			
	24919999	NB REMOVALS COMPLETE (bays J,K,L)	0		03FEB12A	03FEB12A		100	0.00	B					▼							

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11				FY12				FY13				FY14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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		24911420	Final Design New Pump Duct - RGA	10	25SEP12	08OCT12	08OCT12	134	0	25,036.16	E																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11				FY12				FY13				FY14			
LOE	24910790	re-install Equipment Bay J - Reflectomer	20	17JUL13	13AUG13	13AUG13	67	0	42,112.20	E	EM//TB Jones=40	=320		M&S		=4,000										
	24910840	re-install Equipment Bay J - Bolometer	20	17JUL13	13AUG13	13AUG13	67	0	42,112.20	E	EM//TB	=380		M&S		=4,000										
	24910890	re-install Equipment Bay J - RF Prove	20	17JUL13	13AUG13	13AUG13	67	0	42,112.20	E	EM//TB	=320		M&S		=4,000										
	24910940	re-install Equipment Bay J - S-Flip	15	24JUL13	13AUG13	13AUG13	67	0	42,112.20	E	EM//TB	=380		M&S		=4,000										
	24910990	re-install Equipment Bay J - SSNPA	20	17MAY13	14JUN13	14JUN13	83	0	42,112.20	E							EM//TB	=380								
	24911040	re-install Equipment Bay J - Re-entrant Window	1	17JUN13	17JUN13	17JUN13	83	0	905.52	E	EM//TB	=8		M&S		=100										
	24911190	re-install Equipment NB2 Duct-IR Window f/Camera	3	18JUN13	20JUN13	20JUN13	83	0	2,716.56	E	EM//TB	=24		M&S		=300										
	24911240	reinstall Equip NB2 Duct-Transm Grating Spectro	20	21JUN13	22JUL13	22JUL13	83	0	42,112.20	E	EM//TB	=380		M&S		=4,000										
	24911290	reinstall EQ New pump duct-VV Ion Gages/Filament	20	14AUG13	11SEP13	11SEP13	67	0	42,112.20	E	EM//TB	=380		M&S		=4,000										
	24911380	re-install Bay L - SPRED	20	09SEP13*	04OCT13	04OCT13	32	0	36,444.16	E	EM//TB	=320		M&S		=4,000										
	24911450	Re-install New Pump Duct - RGA	20	07OCT13	01NOV13	01NOV13	32	0	37,337.60	E	EM//TB	=320		M&S		=4,000										
	24911520	re-install Bay L - LOWEUS	20	07OCT13	01NOV13	01NOV13	32	0	37,337.60	E	EM//TB	=320		M&S		=4,000										
	24911570	re-install Bay L - IR Camera	15	14OCT13	01NOV13	01NOV13	32	0	14,611.60	E	EM//TB	=120		M&S		=2,000										
	24911620	re-install Bay L - Glow Discharge	20	04NOV13	03DEC13	03DEC13	32	0	37,337.60	E	EM//TB	=320		M&S		=4,000										
	24911770	Install Power/Ground/Light @ Platform W Side NTC	10	04DEC13	17DEC13	17DEC13	32	0	18,668.80	E	EM//TB	=160		M&S		=2,000										
	24911810	Install 42 Ckt Panel NTC/30 Ckt Panel Gallery	20	18NOV13	17DEC13	17DEC13	32	0	43,423.40	E				EM//TB	=380		m&s=4k									
	24911980	Reinstall New Pmp Duct-Tank Farm/TMB Sys/Gas So	50	07OCT13	17DEC13	17DEC13	32	0	91,692.72	C				EM//TB	=904											
	24911999	DIAGNOSTICS RE-INSTALLED	0		17DEC13	17DEC13	32	0	0.00	E																
	LOE																									
Title III																										
	24910001	Test Cell Oversight during diag removals	180	17OCT11A	06JUL12	06JUL12	298	62	87,570.24	A					EM//tb	=912										
	24910002	Test Cell Oversight during diag re-installation	133	07JUN13*	17DEC13	17DEC13	70	0	145,676.04	A					EM//TB	=1464										
Job: 3200 - Water Cooling System Mods-DENAUT																										
Final Design																										
	3200-0015	Prelim Dsn-Design Drawings	30	03MAY10A	14JUN10A	14JUN10A		100	0.00	C																
	3200-0016	Prelim Dsn-PDR Prep	5	15JUN10A	21JUN10A	21JUN10A		100	0.00	C																
	3200-0017	Prelim Dsn-CONDUCT PDR	2	22JUN10A	23JUN10A	23JUN10A		100	0.00	C																
	3200-0021	Final Design-Disposition PDR Chits	2	24JUN10A	25JUN10A	25JUN10A		100	0.00	C																
	3200-0022	Final Design-Design Drawings	94*	07FEB11A	17JUN11A	17JUN11A		100	16,614.80	C	EA//SB	=80		EE//EM	=20											
											EM//EM	=20														
	3200-0023	Final Design-Update Analyses	89*	14FEB11A	17JUN11A	17JUN11A		100	14,035.60	C	EA//EM	=40		EM//EM	=40											
	3200-0024	Final Design-Update Cost & Schedule Estimate	84*	21FEB11A	17JUN11A	17JUN11A		100	12,656.80	C	EM//EM	=80														
	3200-0025	Final Design-Prep Procurement Specs	352	01AUG11A	02JAN13	02JAN13	266	5	7,175.59	C							EM//EM	=40								
	3200-0026	Final Design-FDR Prep	19*	23MAY11A	17JUN11A	17JUN11A		100	6,328.40	C	EM//EM	=40														
	3200-0026A	Water Cooling System - Peer review	0		18MAY11A	18MAY11A		100	0.00	B																
	3200-0027	Final Design-CONDUCT FDR	3	22JUN11A	24JUN11A	24JUN11A		100	2,531.36	C				EM//EM	=16											
	FY093000	FY09 Actual Cost	22*	23FEB09A	30SEP09A	30SEP09A		100	5,447.00	C																
	FY103000	FY10 Actual Cost	40	01OCT09A	30NOV09A	30NOV09A		100	3,956.00	C																
	FY103200	FY10 Actual Cost	22	01APR10A	30APR10A	30APR10A		100	1,301.00	C																
	FY103200A	FY10 Actual Cost	110	03MAY10A	30SEP10A	30SEP10A		100	4,904.00	C	81=4904															

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS				
											FY11	FY12	FY13	FY14
Job: 3300 - Bakeout System Mods for CSU-RAKI	Installation												41=5,000 ; EM//tb =240 ; 41=5,000 ; EE//TB =80 ; EM//tb =120 ; 41=5,000 ; EM//tb =240 ; 41=5,000 ; EM//tb =120 ; EM//tb =32 ;	
	3200-0055	Bus Work Cooling	10	19DEC13	13JAN14	13JAN14	22	0	30,443.20	E				
	3200-0057	Flow Sensors	5	14JAN14	20JAN14	20JAN14	22	0	25,710.80	E				
	3200-0059	Modify Manifold	10	21JAN14	03FEB14	03FEB14	22	0	30,443.20	E				
	3200-0061	Fab & Connect Lines	5	04FEB14*	10FEB14	10FEB14	22	0	18,271.60	E				
	3200-0063	Leak Check	2	11FEB14	12FEB14	12FEB14	22	0	3,245.76	E				
	Job: 3300 - Bakeout System Mods for CSU-RAKI												EE//EM =16 ; EA//SB =16 ;	
	Final Design													
	3300-105	Bakeout- Prelim Design	37	03MAY10A	23JUN10A	23JUN10A		100	0.00	C				
	3300-110	Bakeout-PDR	0		23JUN10A	23JUN10A		100	0.00	B				
3300-115	Bakeout-Final Design	33*	02MAY11A	16JUN11A	16JUN11A		100	4,764.80	C					
3300-117	Bakeout-Peer Review	0		18MAY11A	18MAY11A		100	0.00	B					
3300-120	Bakeout-FDR	0		22JUN11A	22JUN11A		100	0.00	B					
Procurement												EE//EM =08 ; 41=35.1k EA//SB =08 ;		
3300-125	Bakeout-Procure Hardware (PEO11454)	59*	12DEC11A	29FEB12A	29FEB12A		100	44,634.88	C					
Fabrication / Assembly														
3300-130	Bakeout-Assembly	65	01OCT12	10JAN13	10JAN13	267	0	5,541.44	C					
Installation														
3300-135	Bakeout-Installation	20	11JAN13	07FEB13	07FEB13	267	0	18,826.56	E	EE//EM =20 ; EE//SM =168 ; EE//TB =16 ;				
3300-140	Bakeout-Test	5	08FEB13	14FEB13	14FEB13	267	0	5,143.52	E					
Job: 3400 - Gas Delivery System Mods-BLANCHARD												EE//EM =20 ; EE//SM =0 ; EE//TB =16 ;		
Final Design														
3400-0016	Update Cost & Schedule Estimate - Gas Delivery S	2	03MAY10A	04MAY10A	04MAY10A		100	0.00	C					
3400-0017	Design Drawings - Gas Delivery Sys Mod	3	05MAY10A	07MAY10A	07MAY10A		100	0.00	C					
3400-0018	PDR Prep - Gas Delivery Sys Mod	9	10JUN10A	22JUN10A	22JUN10A		100	0.00	C					
3400-0019	CONDUCT PDR - Gas Delivery Sys Mod	1	23JUN10A	23JUN10A	23JUN10A		100	0.00	C					
3400-0022	Disposition PDR Chits - Gas Delivery Sys Mod	2	23JUN10A	24JUN10A	24JUN10A		100	0.00	C					
3400-0023	Design Drawings - Gas Delivery Sys Mod	428	02MAY11A	21JAN13	21JAN13	257	80	11,429.88	C					
3400-0025	Update Cost & Schedule Estimate - Gas Delivery S	24*	16MAY11A	17JUN11A	17JUN11A		100	3,797.04	C					
3400-0027	FDR Prep - Gas Delivery Sys Mod	15	20MAY11A	27MAY11A	27MAY11A		100	23,731.50	C					
3400-0027A	Gas Delivery System - Peer review	0		18MAY11A	18MAY11A		100	0.00	B					
3400-0028	CONDUCT FDR	3	22JUN11A	24JUN11A	24JUN11A		100	632.84	C					
FY103400	FY10 Actual Cost	17	01DEC09A	23DEC09A	23DEC09A		100	1,318.00	C					
FY103400A	FY10 Actual Cost	130	01APR10A	30SEP10A	30SEP10A		100	1,402.00	C					
Fabrication / Assembly														
3400-0046	Shop Fabrication - Gas Delivery Sys Mod	1	01OCT13*	01OCT13	01OCT13	81	0	1,622.88	E					
3400-0047	Assembly - Gas Delivery Sys Mod	1	02OCT13	02OCT13	02OCT13	81	0	1,622.88	E					

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS					
											FY11	FY12	FY13	FY14	
	Installation														
	3400-0050	Installation Procedure/Oversight - Gas Delivery	6	03OCT13	10OCT13	10OCT13	81	0	13,813.20	E			EM//EM =72 ;		
	3400-0051	Machine Installation - Gas Delivery Sys Mod	13	11OCT13	29OCT13	29OCT13	81	0	21,097.44	E			EM//tb =208 ;		
	Testing														
	3400-0052	PTP Testing/Programming - Gas Delivery Sys Mod	7	30OCT13	07NOV13	07NOV13	81	0	21,487.20	E			EM//EM =112 ;		
Job: 4100 - Center Stack Diagnostics-KAITA															
	Final Design														
	4100-0017	Prelim Dsn-Design Drawings	25	03MAY10A	07JUN10A	07JUN10A		100	0.00	C					
	4100-0018	Prelim Dsn-PDR Prep	10	08JUN10A	21JUN10A	21JUN10A		100	0.00	C					
	4100-0019	Prelim Dsn-CONDUCT PDR	2	22JUN10A	23JUN10A	23JUN10A		100	0.00	C					
	4100-0022	Final Dsn-Disposition PDR Chits	10	08JUN10A	21JUN10A	21JUN10A		100	0.00	C					
	4100-0023	Final Dsn-Design Drawings	164*	01NOV10A	03JUN11A	03JUN11A		100	40,239.40	C		EE//SM =20 ; EM//ST =20 ; EM//EM =40 ; EE//EM =80 ; EA//SB =120 ;			
	4100-0025	Final Dsn-Update Cost & Schedule Estimate	10	09MAY11A	20MAY11A	20MAY11A		100	20,159.60	C		EM//EM =40 ; EE//EM =80 ;			
	4100-0026	Final Dsn-Prep Procurement Specs	24*	09MAY11A	10JUN11A	10JUN11A		100	10,079.80	C		EM//EM =20 ; EE//EM =40 ;			
	4100-0027	Final Dsn-FDR Prep	5*	13JUN11A	17JUN11A	17JUN11A		100	19,572.40	C		EE//EM =40 ; EM//EM =80 ;			
	4100-0027A	CS Diagnostic - Peer review	0		18MAY11A	18MAY11A		100	0.00	B					
	4100-0028	Final Dsn-CONDUCT FDR	3	22JUN11A	24JUN11A	24JUN11A		100	1,324.40	C		EE//EM =04 ; EM//EM =04 ;			
	4100-FY09	FY09 Actual Cost	22*	23FEB09A	30SEP09A	30SEP09A		100	11,000.00	C					
	FY104000	FY10 Actual Cost	40	01JAN10A	26FEB10A	26FEB10A		100	-1,729.00	C					
	FY104100	FY10 Actual Cost	65	01FEB10A	30APR10A	30APR10A		100	12,432.00	C					
	FY104100A	FY10 Actual Cost	110	03MAY10A	30SEP10A	30SEP10A		100	69,954.00	C	81=69954				
	Procurement														
	4100-0032	Wire/Cables-Prep Requisition and procurement pac	15	30SEP11A	20OCT11A	20OCT11A		100	32,214.62	E		EE//EM =40 ; EE//SM =40 ; EM//ST =40 ; EM//EM =80 ;			
	4100-0033	Wire/Cables-SUBMIT REQ TO PROCUREMENT	5	06DEC11A	09DEC11A	09DEC11A		100	7,254.00	E		EE//EM =20 ; EM//EM =20 ;			
	4100-0034	Wire/Cables-Procurement lead time (1)	25	09DEC11A	12DEC11A	12DEC11A		100	0.00	E					
	4100-0035	Wire/Cables-AWARD	1	12DEC11A	12DEC11A	12DEC11A		100	7,254.00	E		EE//EM =20 ; EM//EM =20 ;			
	4100-0036	Wire/Cables-Fabricate or delivery	156	13DEC11A	27JUL12	27JUL12	90	80	65,360.40	C		41=19,000 ; EE//SM =120 EM//tb =240 ;			
	4100-0038	Coils w/mandrels -Prep Requisition & procurement	15	30SEP11A	20OCT11A	20OCT11A		100	24,747.66	E		EE//EM =10 ; EM//ST =20 ; EE//SM =40 ; EM//EM =80 ;			
	4100-0039	Coils w/mandrels - SUBMIT REQ TO PROCUREMENT	5	03JAN12A	09JAN12A	09JAN12A		100	3,627.00	E		EE//EM =10 ; EM//EM =10 ;			
	4100-0040	Coils w/mandrels - Procurement lead time (1)	44	10JAN12A	22MAR12A	22MAR12A		100	0.00	E					
	4100-0041	Coils w/mandrels - AWARD	1	22MAR12A	22MAR12A	22MAR12A		100	0.00	E					
	4100-0042	Coils w/mandrels - Fabricate or delivery	83	01AUG12	28NOV12	28NOV12	5	0	104,959.13	C			41=40,000 ; EM//EM =4 EM//ST =0 ; EM//tb =2 EE//SM =160 ;		
	Fabrication / Assembly														
		4100-0045	Fab/Assy Procedure	20	02APR12	27APR12	27APR12	153	0	18,243.64	E			EE//EM =12 ; EE//SM =20 ; EM//tb =20 ; EM//EM =60 ;	

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS												
											FY11			FY12			FY13			FY14		
	4100-0046	Shop Fabrication	65	29NOV12	08MAR13	08MAR13	5	0	112,666.20	C									EE//EM =10 ; EM//tb =180 ; EM//SM =300 ;			
	4100-0047	Assembly	65	11MAR13	10JUN13	10JUN13	5	0	108,280.36	C									EE//EM =10 ; EM//SM =280 ;			
	4100-0050	Installation Procedure (ex-vessel only)	15	01OCT12*	19OCT12	19OCT12	131	0	29,518.40	E									EE//SM =20 ; EE//EM =40 ; EM//tb =40 ; EM//EM =8			
	4100-0051	Machine Installation (ex-vessel only)	30	11JUN13	24JUL13	24JUL13	5	0	62,066.60	E	EE//EM =20 ; EM//tb =180 ;			EM//EM =40 ; EM//SM =200 ;								
	4100-0056	Mount Diagnostics in PFC Tiles	40	15APR13	10JUN13	10JUN13	15	0	0.00	C												
	4100-HALO	Additional HALO Current Sensors	150	25OCT12*	05JUN13	05JUN13	18	0	43,774.90	C									41=12,700 ; EM//Ea/em =100 ;			
Testing																						
	4100-0052	PTP Testing	15	25JUL13	14AUG13	14AUG13	5	0	35,617.60	E	EE//EM =20 ; EE//SM =100 ;			EM//EM =40 ; EM//tb =80 ;								
Job: 4500 - MPTS VV Modification-LABIK																						
Design																						
Final Design																						
	FY104500A	FY10 Actuals Cost	110	03MAY10A	30SEP10A	30SEP10A		100	10,079.00	C	81=125147											
	MPTS-0003	PREPARE WORK PLANNING FORM	49*	11OCT10A	20DEC10A	20DEC10A		100	1,265.68	C	EM//EM =8 ;											
	MPTS-0004	Prep System Description	355*	16AUG10A	02DEC11A	02DEC11A		100	3,194.28	C	EM//EM =20 ; R///RM =0 ;											
	MPTS-0007	Mechanical Design Bay L	361*	01OCT10A	15MAR12A	15MAR12A		100	32,470.40	C	EM//EM =90 ; EA//SB =140 ;											
	MPTS-0008	Port Support Design Bay L	320	24JAN11A	30APR12	30APR12	106	98	54,000.78	C	EM//EM =100 ; R///RM =40 ; EA//SB =240 ;											
	MPTS-0009	Stress Analysis - Bay L	397*	11AUG10A	29FEB12A	29FEB12A		100	147,369.28	C	EM//EM =60 ; EA//EM =700 ; R///RM =20 ;											
	MPTS-0009A	Stress Analysis - Bay F	204*	23DEC10A	17OCT11A	17OCT11A		100	52,909.20	C	EM//EM =20 ; EA//EM =240 ;											
	MPTS-0010	N/A Technical Support (see 0021)	49	01SEP10A	01SEP10A	01SEP10A		100	0.00	C												
	MPTS-0011	Conceptual Design presented at PDR	7	23AUG10A	31AUG10A	31AUG10A		100	0.00	C												
	MPTS-0011A	Conceptual Design Chits	20	01SEP10A	29SEP10A	29SEP10A		100	0.00	C	EM//EM =20											
	MPTS-0014	Mechanical Design Bay F	331	01DEC10A	23MAR12A	23MAR12A		100	37,259.12	C	EM//EM =35 ; R///RM =0 ; EA//SB =250 ;											
	MPTS-0015	Port Support Design Bay F	331	07JAN11A	30APR12	30APR12	106	97	53,329.17	C	EM//EM =104 ; R///RM =15 ; EA//SB =264 ;											
	MPTS-0020	CONDUCT PDR for MPTS	1	09MAY11A	09MAY11A	09MAY11A		100	6,518.05	C	EM//EM =20 ; R///RM =5 ; EA//SB=20 ;											
	MPTS-0020A	Input for Global FDR	23*	18MAY11A	20JUN11A	20JUN11A		100	28,223.30	C	EM//EM =60 ; R///RM =20 ; EA//EM =60 ; EA//SB =30 ;											
	MPTS-0021	Technical Support General (LOE)	552	01OCT10A	14DEC12	14DEC12	692	96	27,561.57	A	EM//EM =100 ; R///RM											
	MPTS-0023	Disposition PDR Chits	115	01JUN11A	10NOV11A	10NOV11A		100	18,308.31	C	EM//EM =60 ; R///RM =20 ; EA//SB =40 ;											
	MPTS-0023A	Center Stack - Peer Review	0		18MAY11A	18MAY11A		100	0.00	B												
	MPTS-0025	100Design Pro E Model - (Bay L)	373	15SEP10A	23MAR12A	23MAR12A		100	10,884.64	C	EM//EM =20 ; R///RM =20 ; EA//SB =120 ;											

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11				FY12				FY13				FY14			
	MPTS-0025A	Design Pro E Model - (Bay F)	416	15SEP10A	15MAY12	15MAY12	110	99	17,261.71	C																
	MPTS-0026	Update Optic & Stress Analyses	251*	15DEC10A	02DEC11A	02DEC11A		100	20,650.04	C																
	MPTS-0027	Update Cost & Schedule Estimate	43*	03OCT11A	02DEC11A	02DEC11A		100	4,507.95	E																
	MPTS-0028	Final Design Changes	244	01JUN11A	21MAY12	21MAY12	106	88	25,444.19	C																
	MPTS-0028A	CONDUCT FDR MPTS VV interface	29	21OCT11A	02DEC11A	02DEC11A		100	9,197.50	E																
	MPTS-0028C	CONDUCT FDR externals	100	05DEC11A	30APR12	30APR12	417	25	14,036.20	E																
	MPTS-0029	Detail Drawings	217	20JUN11A	01MAY12	01MAY12	105	88	27,646.04	C																
	MPTS-0030	FDR Chit Response	48	23FEB12A	01MAY12	30APR12	105	75	29,238.35	E																
Procurement																										
Procurement																										
	MPTS-0032	Bay L CAP - Fabrication	153	05DEC11A	16JUL12	16JUL12	211	15	25,816.30	C																
	MPTS-0033	Bay L Port Cover (CAP) Diagnostic Components	230	15AUG11A	16JUL12	16JUL12	211	45	8,144.06	C																
	MPTS-0035	Misc Materials	197	23FEB12A	30NOV12	30NOV12	211	15	11,425.25	C																
	MPTS-0036	Tooling	255	15AUG11A	20AUG12	20AUG12	112	25	6,932.54	C																
Fabrication																										
Fabrication / Assembly																										
	MPTS-0038	Fabricate Tooling & New Port Support Assemblies	23	21AUG12	21SEP12	21SEP12	112	0	57,739.40	C																
	MPTS-0039	POP Vessel Wall Plate and Nozzle Mockup	42	01JUN11A	30JUN11A	30JUN11A		100	75,190.80	C																
	MPTS-0041	Low Power Laser Holder for Bay L , F and F/G	27	24AUG12	02OCT12	01OCT12	105	0	23,444.95	E																
Installation																										
Installation																										
	MPTS-0043A	Protective Enclosure Cutting Debris	12	17MAY12	04JUN12	04JUN12	189	0	18,995.80	E																
	MPTS-0044	Installation Procedure	79	02MAY12	22AUG12	21AUG12	133	0	3,632.60	C																
	MPTS-0045	SetUp Cutting Device Supp/Machine Penetr B-L/F/G	40	03OCT12	29NOV12	28NOV12	105	0	45,167.40	C																
	MPTS-0046	Set Up New Ports Support Bays L&F	18	30NOV12	03JAN13	02JAN13	105	0	9,819.00	E																
	MPTS-0047	Instl Bay L Cap (Weld New Ports)	23	04JAN13	05FEB13	04FEB13	105	0	13,640.10	E																
	MPTS-0048	Set up and Machine Bay F Edge	13	06FEB13	22FEB13	21FEB13	105	0	18,443.10	E																
	MPTS-0050	Metrology Support & leak check ports	46	01APR13	04JUN13	03JUN13	144	0	22,287.60	C																
Job: 5000 - CSU Power Systems-RAKI																										
51 - AC Power																										
Final Design																										
	510-003	51- AC Power -FINAL DESIGN PREP	136	01DEC10A	17JUN11A	17JUN11A		100	11,491.72	C																
Procurement																										
	510-005	51- AC Power -procedures, specs, revision	20	01OCT12*	26OCT12	26OCT12	112	0	28,255.00	E																
	510-009	51- AC Power -Procurement	65	29OCT12	07FEB13	07FEB13	112	0	43,200.00	C																

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11				FY12				FY13				FY14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	510-EAC	EAC Update Task	368	01OCT12*	31MAR14	31MAR14	377	0	738,673.29	E																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

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	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11				FY12				FY13				FY14				
Testing																											
	552-003	552 - System Testing -Testing	65	23AUG13	22NOV13	22NOV13	15	0	147,366.96	C		EE//EM =448 ; EE//SM =80 ;	EE//TB =536 ;														
Title III																											
	551-001	551 - Sys Dsgn -design support, analysis (LOE)	969	03MAY10A	25MAR14	25MAR14	381	49	392,928.49	A														EE//EM 41=45,0			
	551-001A	551 - FDR Transition Area	119*	03JAN11A	17JUN11A	17JUN11A		100	0.00	C			EE//EM =0 ; EA//SB =0 ;														
Final Design																											
	FY095000	FY09 Actual Cost	22*	23FEB09A	30SEP09A	30SEP09A		100	385,771.00	C																	
	FY105000	FY10 Actual Cost	143	01OCT09A	30APR10A	30APR10A		100	623,027.00	C																	
	FY105000A	FY10 Actual Cost	130	01APR10A	30SEP10A	30SEP10A		100	94,238.00	C		81=130378															
Job: 5200 - Digital Coil Protection-HATCHER																											
Final Design																											
	00	REV. DCPS REQUIREMENT DOC. by C. L. Neumeyer	0		31JAN12A	31JAN12A		100	0.00	C																	
	08	Prep System Description	142	08NOV10A	03MAR11A	03MAR11A		100	3,457.80	C			EE//EM=20														
	09	Prep System Requirements	137	15NOV10A	03MAR11A	03MAR11A		100	12,102.30	C			EE//EM=70														
	10	Analog Conceptual Design	137	15NOV10A	03MAR11A	03MAR11A		100	18,672.12	C			EE//EM=108														
	11	Digital Conceptual Design	137	15NOV10A	03MAR11A	03MAR11A		100	22,957.88	C			EE//EM=108;EC//EM=32														
	12	Conceptual Design Analysis & Alg. Prep.	100	15NOV10A	28FEB11A	28FEB11A		100	56,616.60	C			EE//EM=60;EA//EM=240														
	13	CDR Prep. & Review	5	22FEB11A	28FEB11A	28FEB11A		100	8,457.04	C			EE//EM=40;EA//EM=8														
	16	CDR Chit Resolution	87	01MAR11A	30JUN11A	30JUN11A		100	6,915.60	C			EE//EM=40														
	17	Analog Preliminary Design	40	22APR11A	17JUN11A	17JUN11A		100	39,764.70	C			EE//EM=230														
	18	Digital Preliminary Design	40	22APR11A	17JUN11A	17JUN11A		100	40,178.68	C			EE//EM=220;EC//EM=16														
	19	PDR Prep. & Review	44	18APR11A	17JUN11A	17JUN11A		100	17,849.10	C			EE//EM=80;EC//EM=30														
	20	Systems Code Development	207	01NOV10A	29JUL11A	29JUL11A		100	27,662.40	C			EE//EM=160														
	23	PDR Chit Resolution	99*	20JUN11A	28OCT11A	28OCT11A		100	5,588.77	C			EE//EM=32														
	24	CSU FDR Prep	9	20JUN11A	22JUN11A	22JUN11A		100	45,047.16	E			EE//EM=40														
	25	Analog Design - Pt. I	63	02APR12	28JUN12	28JUN12	160	0	47,135.28	C			EE//EM=248;EA//SB=12;EE//TB=														
	26	Digital Design - Pt. I	63	02APR12	28JUN12	28JUN12	160	0	42,680.92	C			EE//EM=212;EC//TB=40;EA//SB=														
	28	Systems Code - A	119	01NOV11A	25APR12	25APR12	205	5	51,470.80	C			EE//EM=200;EA//SB=120														
	29	Final Design Review	1	20SEP12	20SEP12	20SEP12	103	0	7,242.80	E			EE//EM=40														
	30	DCPS Algorithms	120	02APR12	19SEP12	19SEP12	103	0	120,828.80	C			EE//EM=320;EA//EM=320														
	19A	PDR	0		17JUN11A	17JUN11A		100	0.00	C																	
	5200-0024A	DCP - Peer Review	0		18MAY11A	18MAY11A		100	0.00	B																	
	5200-010	Woolley October Budget	20	01OCT10A	29OCT10A	29OCT10A		100	4,495.14	C			woolley= 26 ;														
	FY105200A	FY10 Actual Cost	110	03MAY10A	30SEP10A	30SEP10A		100	83,402.00	C																	
Procurement																											
	27	Hardware Interface	120	02APR12*	19SEP12	19SEP12	103	0	19,571.20	C																	
	5200013N	DCP -Cabling and Raceways	100	01APR13*	21AUG13	21AUG13	116	0	69,600.00	K			41=18,000 ; 41=40,000 ;														
Fabrication / Assembly																											
	32	Real Time Programming	150	01APR13*	31OCT13	31OCT13	66	0	158,678.77	C			EE//EM=360;EC//EM=680														

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS												
											FY11			FY12			FY13			FY14		
	35	Systems Code - B	240	21SEP12	10SEP13	10SEP13	103	0	213,643.22	C												
	5200013M	DCP -Hardware (procure & Install)	200	01MAR13*	13DEC13	13DEC13	37	0	506,184.00	K				41=420,000								
	Installation																					
	31	External Interface & Response	80	24JUL13	13NOV13	13NOV13	57	0	39,037.76	C				EE//EM=180;EA//SB=40								
	33	Analog Design - Pt. II	120	01APR13*	19SEP13	19SEP13	96	0	216,952.80	C				EE//EM=880;EE//TB=600								
	34	Digital Design - Pt. II	120	01FEB13*	23JUL13	23JUL13	57	0	206,865.60	C												
	Testing																					
	36	Systems Integration & Testing	20	16DEC13	22JAN14	22JAN14	37	0	39,199.20	E												
	Title III																					
	04	Project Oversight	610	01NOV10A	15APR13	15APR13	7	58	241,493.67	A												
Job: 5501 - Coil Bus Runs-SMITH																						
	Design																					
	Final Design																					
	5501-0007	FEMA	5	03MAY10A	07MAY10A	07MAY10A		100	0.00	C												
	5501-0009	Eng Dsgn: elect, thermal, EM & stress-OH BUS	4	21MAY10A	26MAY10A	26MAY10A		100	0.00	C												
	5501-0010	CAD:Coaxial bus dsgn/bus routing/supports-OH BUS	5	10MAY10A	14MAY10A	14MAY10A		100	0.00	C												
	5501-0011	Analysis Mech: thermal, EM & stress-OH BUS	2	17MAY10A	18MAY10A	18MAY10A		100	0.00	C												
	5501-0012	Analysis Elec: electrical-OH BUS	2	17MAY10A	18MAY10A	18MAY10A		100	0.00	C												
	5501-0014	Eng Dsgn: elect, thermal, EM & stress-PF BUS	4	27MAY10A	02JUN10A	02JUN10A		100	0.00	C												
	5501-0015	CAD: bus routing, supports-PF BUS	5	07MAY10A	13MAY10A	13MAY10A		100	0.00	C												
	5501-0016	Analysis Mech: thermal, EM & stress-PF BUS	2	14MAY10A	17MAY10A	17MAY10A		100	0.00	C												
	5501-0017	Analysis Elec: electrical-PF BUS	2	14MAY10A	17MAY10A	17MAY10A		100	0.00	C												
	5501-0019	Eng Dsgn: elect, thermal, EM & stress-TF BUS	4	03JUN10A	08JUN10A	08JUN10A		100	0.00	C												
	5501-0020	CAD: bus routing, supports-TF BUS	10	13MAY10A	26MAY10A	26MAY10A		100	0.00	C												
	5501-0021	Analysis Mech: thermal, EM & stress-TF BUS	2	27MAY10A	28MAY10A	28MAY10A		100	0.00	C												
	5501-0022	Analysis Elec: electrical-TF BUS	2	27MAY10A	28MAY10A	28MAY10A		100	0.00	C												
	5501-0024	Eng Dsgn: elect, thermal, EM & stress-CHI BUS	4	09JUN10A	14JUN10A	14JUN10A		100	0.00	C												
	5501-0025	CAD:ring bus design/bus routing/supports-CHI BUS	18	26MAY10A	21JUN10A	21JUN10A		100	0.00	C												
	5501-0026	Analysis Mech: thermal, EM & stress-CHI BUS	2	22JUN10A	23JUN10A	23JUN10A		100	0.00	C												
	5501-0027	Analysis Elec: electrical-CHI BUS	2	22JUN10A	23JUN10A	23JUN10A		100	0.00	C												
	5501-0028	Update Cost & Schedule Estimate	3	11JUN10A	15JUN10A	15JUN10A		100	0.00	C												
	5501-0029	PDR Prep & PDR	6	16JUN10A	23JUN10A	23JUN10A		100	0.00	C												
	5501-0030	Disposition of PDR CHITS	30	24JUN10A	05AUG10A	05AUG10A		100	0.00	C												
	5501-0032	OH Coaxial Bus Prelim Dsgn Updat/Optim Cmplt	8	24JUN10A	06JUL10A	06JUL10A		100	0.00	C												
	5501-0033	PF Bus Prelim Dsgn Updat/Optim Cmplt	10	07JUL10A	20JUL10A	20JUL10A		100	0.00	C												
	5501-0034	TF Bus Prelim Dsgn Updat/Optim Cmplt	10	21JUL10A	03AUG10A	03AUG10A		100	0.00	C												
	5501-0035	CHI Bus Prelim Dsgn Updat/Optim Cmplt	10	04AUG10A	17AUG10A	17AUG10A		100	0.00	C												
	5501-0037	Prep DOE CD-2 (Lehman) Review	5	04AUG10A	10AUG10A	10AUG10A		100	0.00	C												
	5501-0038	DOE CD-2 (Lehman) Review	1	11AUG10A	11AUG10A	11AUG10A		100	0.00	C												
	1305-0160	N/A OH Bus Bar Analysis(xfer f/j. Chrzanowski)	39*	02AUG10A	30SEP10A	30SEP10A		100	0.00	C	EA//EM =40											
	FY105501	FY10 Actual Cost	85	01JAN10A	30APR10A	30APR10A		100	55,211.00	C												
	FY105501A	FY10 Actual Cost	110	03MAY10A	30SEP10A	30SEP10A		100	76,858.00	C	81=129700											

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11				FY12				FY13				FY14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11	FY12	FY13	FY14
	Testing													
	5501-0125	Testing-PF BUS	6	19DEC13	07JAN14	07JAN14	48	0	11,497.44	E	EE//SB =48	EM//tb =48		
	TF Bus													
	Final Design													
	5501-0063	Busbar System Design-TF BUS	176*	17AUG10A	29APR11A	29APR11A		100	3,170.61	C	EM//EM =16	EE//EM =04		
	5501-0064	Update CAD-TF BUS	176*	17AUG10A	29APR11A	29APR11A		100	14,514.40	C	EM//EM =34	EA//SB =75		
	5501-0066	Analysis/Calc: EM/Stress/Thermal-TF BUS	176*	17AUG10A	29APR11A	29APR11A		100	6,041.77	C	EA//EM =32			
	5501-0067	Detail Drawings-TF BUS	123*	01NOV10A	29APR11A	29APR11A		100	6,994.96	C	EA//SB =56			
	5501-0068	Design Validation-TF BUS	41*	14MAR11A	29APR11A	29APR11A		100	7,855.08	C	EE//EM =12	EA//EM =30		
	5501-0068A	Updt Models/Dwgs Ready for Signoff-TF BUS	10	11APR11A	29APR11A	29APR11A		100	12,091.12	C	EA//SB =74	EM//EM=18		
	Fabrication / Assembly													
	5501-0109	Documentn: Fab/Assy Procedure-TF BUS	5	06MAR13	12MAR13	12MAR13	112	0	6,479.50	E	EM//EM =24	EM//tb =10		
	5501-0110	Fabricatn: pre-installation components-TF BUS	20	30MAY13	26JUN13	26JUN13	57	0	17,939.16	E	EM//EM =12	EM//tb =160		
	5501-0129	Documentation: Installation Procedure-TF BUS	5	03APR13	09APR13	09APR13	156	0	4,457.52	E			EM//EM =24	
	Installation													
	5501-0130	Field Fit Up, Fabrication, Installation-TF BUS	65	17SEP13	18DEC13	18DEC13	22	0	46,154.87	C	EM//SM =20	EA//SB =09		
	Testing													
	5501-0131	Testing-TF BUS	2	19DEC13	20DEC13	20DEC13	52	0	5,748.72	E	EE//SB =24	EM//tb =24		
	CHI Bus													
	Final Design													
	5501-0071	Busbar System Design-CHI BUS	176*	17AUG10A	29APR11A	29APR11A		100	3,170.61	C	EM//EM =16	EE//EM =04		
	5501-0072	Update CAD-CHI BUS	176*	17AUG10A	29APR11A	29APR11A		100	16,982.31	C	EM//EM =38	EA//SB =90		
	5501-0074	Analysis/Calc: EM/Stress/Thermal-CHI BUS	176*	17AUG10A	29APR11A	29APR11A		100	4,531.33	C	EA//EM =24			
	5501-0075	Detail Drawings-CHI BUS	123*	01NOV10A	29APR11A	29APR11A		100	13,989.92	C	EA//SB =112			
	5501-0076	Design Validation-CHI BU	41*	14MAR11A	29APR11A	29APR11A		100	7,855.08	C	EE//EM =12	EA//EM =30		
	5501-0076A	Updt Models/Dwgs Ready for Signoff-CHI BUS	10	11APR11A	29APR11A	29APR11A		100	18,669.62	C	EA//SB =114	EM//EM=28		
	5501-0077	Update Cost & Schedule Estimate	5	24MAY11A	31MAY11A	31MAY11A		100	1,265.68	C	EM//EM =08			
	5501-0078	FDR Prep	14*	06JUN11A	20JUN11A	20JUN11A		100	6,328.40	C	EM//EM =40			
5501-0078A	Coil Bus Runs - Peer review	0		18MAY11A	18MAY11A		100	0.00	B					
5501-0079	FDR 5500	3	22JUN11A	24JUN11A	24JUN11A		100	1,265.68	C	EM//EM =08				
Fabrication / Assembly														
5501-0113	Documentn: Fab/Assy Procedure-CHI BUS	5	13MAR13	19MAR13	19MAR13	127	0	6,479.50	E	EM//EM =24	EM//tb =10			
5501-0135	Documentation: Installation Procedure-CHI BUS	5	10APR13	16APR13	16APR13	156	0	4,457.52	E			EM//EM =24		
Installation														
5501-0136	Field Fit Up, Fabrication, Installation-CHI BUS	65	17SEP13	18DEC13	18DEC13	51	0	76,602.12	C	EM//SM =40	EA//SB =27			
Testing														
5501-0137	Testing-CHI BUS	3	19DEC13	02JAN14	02JAN14	51	0	5,748.72	E	EE//SB =24	EM//tb =24			
Inner TF Bundle Design														
Final Design														
1304-0120	N/A Analyze TF Bus Bar (xfer f/j. Chrzanowski)	17	30SEP10A	30SEP10A	30SEP10A		100	0.00	C					

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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		Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11				FY12				FY13				FY14			
		6100-0083	PSRTC PTP-035	5	06AUG13	12AUG13	12AUG13	127	0	12,545.36	E	EA//EM =24 ; EC//TB =24 ; EC//EM =40 ;															
		6100-0085	Support ISTP-001	5	08OCT13	14OCT13	14OCT13	98	0	10,742.16	E	EA//EM =24 ; EC//EM =24 ; EC//TB =24 ;															
		6100-0086	CAMAC Replacement system tests	60	27AUG13	19NOV13	19NOV13	72	0	30,768.80	C	EC//SB =80 ; EC//EM =160 ;															
		6100-0092	Project Ready for ISTP Target	1	20NOV13	20NOV13	20NOV13	72	0	138.58	E					EC//EM =01 ;											
		Testing																									
		6100-0081	CS Infrastructure tests	30	14JUN13	29JUL13	29JUL13	127	0	13,037.12	E	EC//SB =08 ; EC//TB =24 ; EE//EM =24 ; EC//EM =40 ;															
		6100-0084B	PCS tesing	10	13AUG13	26AUG13	26AUG13	127	0	5,366.00	E					EC//EM =40 ;											
		6100-0087	CAMAC Memory bench tests	15*	22NOV11A	14DEC11A	14DEC11A		100	5,307.12	E					EC//EM =08 ; EC//SB =40 ;											
		6100-0088	CAMAC Memory field tests	5	04NOV13	08NOV13	08NOV13	79	0	3,357.24	E					EC//EM =08 ; EC//SB =20 ;											
		6100-0089	Cntr Stk diags testing	5	12NOV12	16NOV12	16NOV12	311	0	4,961.04	E					EC//SB =16 ; EC//EM =											
		6100-0090	test relocated I&C GIS rack systems	5	01OCT13	07OCT13	07OCT13	98	0	12,812.00	E	EC//SB =40 ; EC//EM =60 ;															
		Title III																									
		6100-0000	Oversight & Coordination	972	03MAY10A	28MAR14	28MAR14	378	49	26,679.53	A									EC//EM							
Job: 7100 - Project Mgt & Integration-STRYKOWSKY																											
General Arrangement Drawings																											
Title III																											
		CS7000020G	FY2010 General Arrangement Drawings	106	03MAY10A	30SEP10A	30SEP10A		100	0.00	A	EA//ES =144 ;															
		CS7000031G	FY2011 General Arrangement Drawings	250	01OCT10A	30SEP11A	30SEP11A		100	75,098.26	A					EA//ES =863 ;											
		CS7000041G	FY2012 General Arrangement Drawings	249	03OCT11A	28SEP12	28SEP12	256	49	82,045.41	A									EA//ES =863 ;							
		CS7000053G	FY2013 General Arrangement Drawings	248	01OCT12	30SEP13	30SEP13	256	0	83,452.10	A									EA//ES =863;							
		CS7000054G	FY2014 General Arrangement Drawings	241	01OCT13	19SEP14	19SEP14	256	0	42,828.00	A									EA//ES =430							
Project Management																											
Project Management																											
		CS7000020	FY2010 Project Management	106	03MAY10A	30SEP10A	30SEP10A		100	0.00	A	EM//EM =144 ; e//AM =718 ; EA//EM =215 ; FC//AC =355 35=6,000 ; 41=20,000 ; FC//AM =144 ;															
		CS7000031	FY2011 Project Management	250	01OCT10A	30SEP11A	30SEP11A		100	741,305.01	A					EM//EM =517 ; E//AM =1,726 ; EA//EM =517 FC//AC =863 35=6,000 ; EM//SM =00 ; 41=30,000 ; FC//AM =690 ;											
		CS7000041	FY2012 Project Mangement	249	03OCT11A	28SEP12	28SEP12	251	49	857,817.45	A									EM//EM =1726 ; E//AM = EA//EM =345 FC//AM =863 35=6,000 41=5,000 ; FC//AM =130							
		CS7000053	FY2013 Project Management	248	01OCT12	30SEP13	30SEP13	251	0	1,092,853.33	A									EM//EM =1,72 E//AM =1,726 fc/am=1072 35=6,000 41=5,000 ;							

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11				FY12				FY13				FY14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	CS7000054	FY2014 Project Management	246	01OCT13	26SEP14	26SEP14	251	0	542,663.23	A																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														</

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11				FY12				FY13				FY14			
	7200-05	FY2014 CSU Management	236	01OCT13	12SEP14	12SEP14	261	0	225,438.65	A	EM//EM =690 ; EE//EM =345 ; ; 35=5000 ; 39=10900 ;															
	FY107200	FY10 Actual Cost	123	02NOV09A	30APR10A	30APR10A		100	84,961.00	A																
	FY107200A	FY10 Actual Cost	130	01APR10A	30SEP10A	30SEP10A		100	137,256.00	A	81=137256															
	Project Reviews																									
	Title III																									
	7200-01R	FY2010 CSU Project Reviews	106	03MAY10A	30SEP10A	30SEP10A		100	0.00	A	; EM//EM =258															
	7200-02R	FY2011 CSU Project EIR Reviews	250	01OCT10A	29OCT10A	29OCT10A		100	49,045.10	C	EM//EM =310															
	7200-02S	FY2011 CSU Project OPA Reviews	20	30SEP11A	27OCT11A	27OCT11A		100	55,942.29	E	EM//EM =310															
	7200-03R	FY2012 CSU Project OPA Reviews	20	02APR12*	27APR12	27APR12	262	0	22,391.20	E	Larry=40; erik=40;jim=40															
	7200-03S	FY2012 CSU Project OPA Reviews	20	18OCT12*	14NOV12	14NOV12	262	0	57,576.30	E	EM//EM =310															
7200-04R	FY2013 CSU Project OPA Reviews	20	15MAY13*	12JUN13	12JUN13	262	0	57,576.30	E	EM//EM =310																
7200-04S	FY2013 CSU Project OPA Reviews **N/R**	20	05DEC13	13JAN14	13JAN14	262	0	59,473.50	E	EM//EM =310																
7200-05R	FY2014 CSU Project OPA Reviews **N/R**	20	02JUL14	30JUL14	30JUL14	262	0	59,473.50	E	EM//EM =310																
7200-05S	FY2014 CSU Project OPA Reviews **N/R**	20	14AUG14	11SEP14	11SEP14	262	0	59,473.50	E	EM//EM =310																
Job: 7300 - NB2 Management-STEVENSON																										
Project Management																										
Project Management																										
7300-01	FY2010 NB2 Management	106	03MAY10A	30SEP10A	30SEP10A		100	0.00	A	EE//EM =372 ; EE//EM =37 ;																
7300-11	FY2011 NB2 Management	250	01OCT10A	30SEP11A	30SEP11A		100	113,070.06	A	EE//EM =.33 fte ; EE//EM =85 ;																
7300-21	FY2012 NB2 Management	245	03OCT11A	24SEP12	24SEP12	257	50	118,419.78	A	EE//EM =569 ; EE//EM =8																
7300-31	FY2013 NB2 Management	245	01OCT12*	25SEP13	25SEP13	253	0	239,411.88	A	EE//EM =.70fte																
7300-35	FY2014 NB2 Management	247	01OCT13*	29SEP14	29SEP14	250	0	247,312.11	A	EE//EM =.70fte ; EE//EM =90 ;																
FY092410	FY09 Actual Cost	22	23FEB09A	30SEP09A	30SEP09A		100	63,263.00	A																	
FY102410	FY10 Actual Cost	40	01OCT09A	25NOV09A	25NOV09A		100	12,157.00	A																	
FY107300	FY10 Actual Cost	123	02NOV09A	30APR10A	30APR10A		100	62,401.00	A																	
FY107300A	FY10 Actual Cost	110	03MAY10A	30SEP10A	30SEP10A		100	62,452.00	A	81=62452																
Project Reviews																										
Project Management																										
7300-03	FY2010 NB2 RLM's support of EIR review	20	01OCT10A	29OCT10A	29OCT10A		100	78,289.60	C	EE//EM =160 ; EM//EM =320 ;																
7300-12	FY2011 NB2 RLM's support of OPA reviews	20	03OCT11A	28OCT11A	28OCT11A		100	87,092.80	E	EE//EM =160 ; EM//EM =320 ;																
7300-22	FY2012 NB2 RLM's support of OPA reviews	20	15NOV12*	14DEC12	14DEC12	542	0	89,059.20	E	EE//EM =160 ; EM//EM =320 ;																
7300-23	FY2012 NB2 RLM's support of OPA reviews	20	27JUN13*	26JUL13	26JUL13	542	0	89,059.20	E	EE//EM =160 ; EM//EM =320 ;																
7300-32	FY2013 NB2 RLM's support of OPA reviews **N/R**	20	14JAN14	10FEB14	10FEB14	412	0	91,995.20	E	EE//EM =160 ; EM//EM =320 ;																
Title III																										
7300-02	FY2010 NB2 RLM's support of OPA reviews	92	17MAY10A	06JUL10A	06JUL10A		100	0.00	C																	
Job: 7400 - Health Physics Support-STEVENSON																										
Fabrication / Assembly																										
740000110	FY2011 NBI Decon HP Technical Support	250	01OCT10A	30SEP11A	30SEP11A		100	511,400.00	A	DP//TB =2400 ; 41=10,000 ; 43=10,000 ; 31=100,000 ;																
740000115	FY2012 EQ Removal & Relocation HP Technical Supp	252	03OCT11A	03OCT12	03OCT12	369	48	337,152.74	A	DP//TB =2,720 ;																

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS												
											FY11				FY12				FY13			
	740000120	FY2012 NBI Decon HP Technical Support	248	03OCT11A	27SEP12	27SEP12	262	49	341,908.00	A												
	740000125	FY2013 NBI Decon HP Technical Support	248	28SEP12	27SEP13	27SEP13	262	0	389,834.63	A												
	740000130	FY2014 NBI Decon HP Technical Support	236	01OCT13*	12SEP14	12SEP14	261	0	248,616.14	A												
	Decontamination																					
	740000100	FY2010 NBI Decon HP Technical Support	106	03MAY10A	30SEP10A	30SEP10A		100	0.00	A												
	FY107400	FY10 Actual Cost	260	01OCT09A	30SEP10A	30SEP10A		100	386,510.00	A												
Job: 7710 - HP & Other Allocations-STRYKOWSKY																						
	HP Allocations																					
	Final Design																					
	FY09NNUL8	FY09 Actual Cost	22	23FEB09A	30SEP09A	30SEP09A		100	367,345.00	A												
	Fabrication / Assembly																					
	CS9500080	NSTX Upgrade HP Allocations FY11	250	01OCT10A	30SEP11A	30SEP11A		100	353,100.00	A												
	CS9500090	NSTX Upgrade HP Allocations FY12	248	03OCT11A	27SEP12	27SEP12	262	49	441,397.44	A												
	CS9500100	NSTX Upgrade HP Allocations FY13	248	01OCT12*	30SEP13	30SEP13	261	0	481,510.00	A												
	CS9500110	NSTX Upgrade HP Allocations FY14	236	01OCT13*	12SEP14	12SEP14	261	0	414,000.00	A												
	Decontamination																					
	1180*NUL	FY10 Actual Cost	143	01OCT09A	30SEP10A	30SEP10A		100	452,420.00	A												
	CS9500070	NSTX Upgrade HP Allocations FY2010	106	03MAY10A	30SEP10A	30SEP10A		100	0.00	A												
	Other Allocations																					
	Final Design																					
	1170*NUL	FY10 Actual Cost	143	01OCT09A	30SEP10A	30SEP10A		100	170,667.00	A												
	7710-10	NSTX Upgrade Direct Allocations FY2010	106	03MAY10A	30SEP10A	30SEP10A		100	0.00	A												
	FY09NNUL	FY09 Actual Cost	22	23FEB09A	30SEP09A	30SEP09A		100	158,969.00	A												
	Project Management																					
	7710-11	NSTX Upgrade Direct Allocations FY11	250	01OCT10A	30SEP11A	30SEP11A		100	29,700.00	A												
	7710-12	NSTX Upgrade Direct Allocations FY12	249	03OCT11A	28SEP12	28SEP12	256	49	3,520.00	A												
	7710-13	NSTX Upgrade Direct Allocations FY13	248	01OCT12*	30SEP13	30SEP13	256	0	3,580.00	A												
	7710-14	NSTX Upgrade Direct Allocations FY14	241	01OCT13*	19SEP14	19SEP14	256	0	1,840.00	A												
	9417*NUL	FY10 Actual Cost	110	01JUN10A	30SEP10A	30SEP10A		100	12,934.00	A												
Job: 8200 - CS & Coil Sprt Struct Instal - PERRY																						
	Diag Catalogue & Rmvl Procedures																					
	Installation																					
	8200-0026	Perform bay by bay catalogue and label Elect	90*	17OCT11A	31JAN12A	31JAN12A		100	19,515.60	E												
	8200-0026A	Perform bay by bay cable removal	43*	17OCT11A	16DEC11A	16DEC11A		100	70,540.80	E												
	8200-0026B	Perform bay by bay CAD Support	209	17OCT11A	16AUG12	16AUG12	439	75	61,027.20	E												
	8200-0026C	Gen Arrangement Dwgs Input to CAD Group	505	14DEC11A	02JAN14	02JAN14	439	30	11,384.72	E												
	8200-0027	Perform bay by bay catalogue and label Mech	20	01NOV11A	16NOV11A	16NOV11A		100	15,833.28	E												
	8200-0028	Write Mechanical General procedures	40	24OCT11A	28OCT11A	28OCT11A		100	31,443.20	C												
	8200-0030	Cat 2 cable tray on top&north Remvl & Instl Proc	83	12SEP11A	16JAN12A	16JAN12A		100	58,883.60	C												
	8200-0030A	Write Electrical CHERS-FIDA Procedures	32*	01NOV11A	20DEC11A	20DEC11A		100	13,194.40	C												

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS												
											FY11				FY12				FY13			
	8200-0030B	Write Electrical MSE Bay B Procedures	20	03JAN12A	25JAN12A	25JAN12A		100	13,194.40	C												
	8200-0030C	Write Electrical MSE-LIF Bay G Procedures	15	01NOV11A	18NOV11A	18NOV11A		100	19,791.60	C												
	8200-0030F	Write Electrical General Procedures	65	22JAN13	22APR13	22APR13	608	0	37,150.40	C												
Removals (non NB related)																						
Installation																						
	8200-0028B	Dsgn/Fab TF Coil Handling Fixture	51	06FEB12A	16APR12	16APR12	210	30	72,204.40	E												
	8200-0028C	Dsgn/Fab Umbrella Handling Fixture	44	12MAR12A	22MAR12A	22MAR12A		100	96,204.40	E												
	8200-0028D	Fabricate Crates & Setup Areas for Storage	20	11NOV11A	16NOV11A	16NOV11A		100	48,726.40	E												
	8200-0029	Remove RF pipes	8*	10OCT11A	19OCT11A	19OCT11A		100	40,608.00	E												
	8200-0029A	N/A Blow Out Hoses (X-90)	1	03OCT11A	07OCT11A	07OCT11A		100	0.00	E												
	8200-0029B	Lower Hoses Relocate	3	03OCT11A	05OCT11A	05OCT11A		100	10,608.96	E												
	8200-0029C	Photogrammetry Coil & Vacuum Vessel	13	17FEB12A	24FEB12A	24FEB12A		100	14,101.60	E												
	8200-0031	Pull Back Cable from Upper Tray	24*	01NOV11A	28NOV11A	28NOV11A		100	62,755.20	E												
	8200-0032	Upper Tray remove and store Elect	29*	08NOV11A	20DEC11A	20DEC11A		100	82,540.80	E												
	8200-0033	Remove and store Midplane Mech	110	01NOV11A	18JAN12A	18JAN12A		100	69,612.00	E												
	8200-0033A	Perform Electrical MSE Bay B Procedures	10	16JAN12A	31JAN12A	31JAN12A		100	23,513.60	E												
	8200-0033B	Perform Electrical MSE-LIF Bay G Procedures	10	01DEC11A	13DEC11A	13DEC11A		100	23,513.60	E												
	8200-0034	Remove and store Upper port eqpt	51	01NOV11A	20JAN12A	20JAN12A		100	28,272.00	E												
	8200-0034A	N/A Remove Lower Flex Joints (X-90)	5	05OCT11A	10OCT11A	10OCT11A		100	0.00	E												
	8200-0034B	N/A Lower Cat 2 Tray Remove & Store Elect (X-90)	71	03OCT11A	13OCT11A	13OCT11A		100	0.00	E												
	8200-0034C	Replace Lower Cat 2 Tray	12	04SEP12	19SEP12	19SEP12	303	0	53,661.12	E												
	8200-0034D	Remove and store lower port eqpt	51	01NOV11A	20JAN12A	20JAN12A		100	26,644.80	E												
	8200-0034E	Perform Electrical CHERS Procedures	14	01DEC11A	20DEC11A	20DEC11A		100	32,919.04	E												
	8200-0035	Remove section of platform (109&118 Elev)	10	29MAY12	11JUN12	11JUN12	181	0	40,808.00	E												
	8200-0036	Fiducialize Coil and Vacuum vessel	10	15JUN12	28JUN12	28JUN12	168	0	25,803.20	E												
	8200-0039	Remove insulation	5	24OCT11A	28OCT11A	28OCT11A		100	11,522.40	E												
	8200-0040	Remove Gas Injection System	5	24OCT11A	28OCT11A	28OCT11A		100	7,681.60	E												
	8200-0043	Clear Bay G platform & area remove bad TF-MECH	144	16NOV11A	15JUN12	15JUN12	181	25	38,408.00	E												
	8200-0043A	Electrical Removal for TF7 Removal	60*	23JAN12A	22MAR12A	22MAR12A		100	120,259.60	E												
	8200-0043B	Remove Diagnostics for TF7 Removal	10	29MAY12	11JUN12	11JUN12	181	0	17,283.60	E												
	8200-0043C	Clear Bay G platform & area to remove bad TF-ELE	144*	16NOV11A	12MAR12A	12MAR12A		100	0.00	E												
	8200-0044	Remove bad TF7	3	12JUN12	14JUN12	14JUN12	181	0	13,826.88	E												
	8200-0044A	Install New TF7	3	15JUN12	19JUN12	19JUN12	181	0	15,363.20	E												
	8200-0044B	Replace section of platform (109&118 Elev)	10	20JUN12	03JUL12	03JUL12	181	0	38,408.00	E												
	8200-0044C	Replace Diagnostics for TF7 Removal	10	05JUL12	18JUL12	18JUL12	181	0	16,563.20	E												
	8200-0044D	Replace Electrical Removed for TF7	44	19JUL12	19SEP12	19SEP12	181	0	97,732.80	E												
	8200-0044E	Electrical Removal for TF10 & TF11 Removal	82	23JAN12A	15MAY12	15MAY12	257	95	34,567.20	E												
	8200-0044F	Remove Diagnostics for TF7 Removal	10	20SEP12	03OCT12	03OCT12	181	0	22,996.44	E												
	8200-0044G	Remove section of platform (109 Elev)	5	04OCT12	10OCT12	10OCT12	181	0	25,952.00	E												

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS												
											FY11			FY12			FY13			FY14		
	8200-0044H	Remove TF10 & TF11	6	11OCT12	18OCT12	18OCT12	181	0	37,370.88	E												
	8200-0044I	Install New VV Nozzle for NB2 (BY OTHERS)	1	19OCT12	19OCT12	19OCT12	181	0	0.00	E												
	8200-0044J	Install New TF10	3	25JUN13	27JUN13	27JUN13	15	0	20,761.60	E												
	8200-0044K	Reinstall TF11	3	28JUN13	02JUL13	02JUL13	15	0	20,761.60	E												
	8200-0044L	Replace Section of Platform	5	03JUL13	11JUL13	11JUL13	15	0	25,952.00	E												
	8200-0044M	Replace Diagnostics for TF10 & TF11 Removal	10	12JUL13	25JUL13	25JUL13	15	0	23,356.80	E												
	8200-0044N	Replace Electrical Removed for TF10 & TF11	84	01MAY13	29AUG13	29AUG13	110	0	56,188.80	E												
	8200-0044O	Upgrade Passive Plate Hardware	41	05MAR12A	30APR12	30APR12	408	5	61,452.80	E												
	8200-0044P	Replace LLD with Tiles	10	15MAR12A	22MAR12A	22MAR12A		100	30,726.40	E												
	8200-0048	N/A Umbrella Lid Remove existing (X-90)	2	10OCT11A	13OCT11A	13OCT11A		100	0.00	E												
	8200-0048B	N/A Remove Upper Flex Joints (X-90)	5	05OCT11A	12OCT11A	12OCT11A		100	0.00	E												
	8200-PP01A	AL Block Gaps	46	28JUN12	31AUG12	31AUG12	303	0	107,230.00	K												
Top of Machine																						
Installation																						
	8200-0048A	Umbrella Legs Cut Existing	6	29JUN12	09JUL12	09JUL12	168	0	16,226.88	E												
	8200-0048C	Umbrella VV Legs Remove Existing Hardware	4	10JUL12	13JUL12	13JUL12	173	0	6,145.28	E												
	8200-0048D	Umbrella Legs Weld New	12	16JUL12	31JUL12	31JUL12	173	0	5,472.64	E												
	8200-0048E	Umbrella Legs Measure Shim EDC 1149-1	2	01AUG12	02AUG12	02AUG12	173	0	11,617.92	E												
	8200-0048F	Umbrella Legs Machine Shim EDC 1149-1	6	03AUG12	10AUG12	10AUG12	173	0	3,936.32	E												
	8200-0048G	Umbrella Legs Install Shim EDC 1149-1	6	13AUG12	20AUG12	20AUG12	173	0	11,617.92	E												
	8200-0050	VV umbrella legs Replace existing Hardware	5	21AUG12	27AUG12	27AUG12	173	0	7,681.60	E												
	8200-0050A	TF EDC1455 Weld Inner AL Block Reinforcement	12	28AUG12	13SEP12	13SEP12	173	0	28,853.76	E												
	8200-0050B	TF EDC1478 Weld Outer AL Block Reinforcement	6	14SEP12	21SEP12	21SEP12	173	0	13,826.88	E												
	8200-0060	PF2 replace Existing Hardware (bolted)	1	24SEP12	24SEP12	24SEP12	173	0	1,536.32	E												
	8200-0061	PF2 Install New plates (bolted)	4	25SEP12	28SEP12	28SEP12	182	0	6,145.28	E												
	8200-0064	PF3 lift and support	2	05OCT12	08OCT12	08OCT12	182	0	6,284.16	E												
	8200-0065	PF3 remove bolted support & bus	4	01OCT12	04OCT12	04OCT12	182	0	6,284.16	E												
	8200-0066	PF3 Install new bolted Hardware	4	07NOV12	12NOV12	12NOV12	182	0	6,284.16	E												
	8200-0066A	PF3 Reconnect Bus	4	13NOV12	16NOV12	16NOV12	182	0	6,284.16	E												
	8200-0067	PF3 weld reinforcement	18	09OCT12	01NOV12	01NOV12	182	0	42,418.08	E												
	8200-0068	PF3 Reinstall & Realign	3	02NOV12	06NOV12	06NOV12	182	0	9,426.24	E												
Bottom of Machine																						
Installation																						
	8200-0076B	Umbrella Legs Cut existing	6	01AUG12*	08AUG12	08AUG12	152	0	13,826.88	E												
	8200-0076C	Umbrella VV Legs Remove Existing Hardware	4	09AUG12	14AUG12	14AUG12	152	0	6,145.28	E												
	8200-0076D	Umbrella Legs Weld New	12	15AUG12	30AUG12	30AUG12	152	0	18,435.84	E												
	8200-0076E	Umbrella Legs Measure Shim EDC 1149-1	2	31AUG12	04SEP12	04SEP12	152	0	11,617.92	E												
	8200-0076F	Umbrella Legs Machine Shim EDC 1149-1	6	05SEP12	12SEP12	12SEP12	152	0	3,936.32	E												
	8200-0076G	Umbrella Legs Install Shim EDC 1149-1	6	13SEP12	20SEP12	20SEP12	152	0	11,617.92	E												
	8200-0083	PF2 Replace existing hardware (bolted)	1	24OCT12	24OCT12	24OCT12	152	0	1,571.04	E												
	8200-0084	PF2 Install New Clamps (bolted)	4	25OCT12	30OCT12	30OCT12	152	0	6,284.16	E												
	8200-0087	PF3 lower and support	2	06NOV12	07NOV12	07NOV12	152	0	6,284.16	E												
	8200-0088	PF3 remove bolted supports & Bus	4	31OCT12	05NOV12	05NOV12	152	0	6,284.16	E												

		Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11				FY12				FY13				FY14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		8200-0089	PF3 Install new bolted support	8	11DEC12	20DEC12	20DEC12	152	0	12,568.32	E																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS												
											FY11			FY12			FY13			FY14		
	8200-J190	TF LOWER Machine New Ring Splice	2	24AUG12	27AUG12	27AUG12	205	0	1,536.32	E												
	8200-J200	TF LOWER Weld New Ring Splice	1	28AUG12	28AUG12	28AUG12	205	0	2,304.48	E												
	8200-J210	PF5 LOWER Cut off Clevis Support	1	24JUL12	24JUL12	24JUL12	205	0	1,536.32	E												
	8200-J220	PF5 LOWER Weld Studs Support	1	25JUL12	25JUL12	25JUL12	205	0	2,304.48	E												
	8200-J230	TF LOWER Install 2 new TF clamps	4	15AUG12	20AUG12	20AUG12	205	0	6,145.28	E												
	8200-J240	TF LOWER Install Vessel ties & Align	1	21AUG12	21AUG12	21AUG12	205	0	768.16	E												
	8200-J250	TF LOWER Install new ring weldment	1	22AUG12	22AUG12	22AUG12	205	0	1,536.32	E												
	8200-J260	TF LOWER Align and match drill new Ring Splice	1	29AUG12	29AUG12	29AUG12	205	0	1,536.32	E												
	8200-J270	TF LOWER Install and torque all bolts	1	30AUG12	30AUG12	30AUG12	205	0	768.16	E												
	8200-J290	Fiber & electrical Reinstallation	20	31AUG12	28SEP12	28SEP12	205	0	17,756.80	E												
	8200-J300	PF4&5 U&L Torque all bolts	1	14AUG12	14AUG12	14AUG12	205	0	768.16	E												
	8200-J310	PF 4&5 LOWER Replace Existing Bolts	1	02AUG12	02AUG12	02AUG12	205	0	2,304.48	E												
	8200-J320	PF5 U&L Replace Existing Column with New	2	03AUG12	06AUG12	06AUG12	205	0	4,608.96	E												
	8200-J330	TF Lower Weld New clevis	1	27JUL12	27JUL12	27JUL12	205	0	2,304.48	E												
	8200-J340	PF5 U&L Shim Measur/Machine/Instal New Column	5	07AUG12	13AUG12	13AUG12	205	0	7,681.60	E												
	Midplane Bay K																					
	Installation																					
	8200-K120	TF Verify Datums & Remove turnbuckles	15	12MAR12A	29MAR12A	29MAR12A		100	1,536.32	E												
	8200-K130	PF5 U&L Remove existing midplane columns	1	13APR12	13APR12	13APR12	252	0	1,536.32	E												
	UPPER																					
	8200-K360	TF UPPER Remove/Grind Exisiting clevis bolts	1	23MAR12A	28MAR12A	28MAR12A		100	1,536.32	E												
	8200-K370	TF UPPER weld New clevis	1	04JUN12	04JUN12	04JUN12	219	0	2,304.48	E												
	8200-K380	TF UPPER Install 2 new TF clamp	4	08JUN12	13JUN12	13JUN12	219	0	6,145.28	E												
	8200-K390	PF 4&5 UPPER Install New interstitial Clamps	2	05JUN12	06JUN12	06JUN12	219	0	4,608.96	E												
	8200-K400	TF UPPER Install Vessel Ties & Align	1	14JUN12	14JUN12	14JUN12	219	0	1,536.32	E												
	8200-K410	TF UPPER Install New Ring Weldment	1	15JUN12	15JUN12	15JUN12	219	0	1,536.32	E												
	8200-K420	TF UPPER Measure New Ring Splice	1	18JUN12	18JUN12	18JUN12	219	0	768.16	E												
	8200-K430	TF UPPER Machine New Ring Splice	2	19JUN12	20JUN12	20JUN12	219	0	1,536.32	E												
	8200-K440	TF UPPER Weld New Ring Splice	1	21JUN12	21JUN12	21JUN12	219	0	2,304.48	E												
	8200-K450	TF UPPER Align and match drill new Ring Splice	1	22JUN12	22JUN12	22JUN12	219	0	1,536.32	E												
	8200-K460	TF UPPER Measur/Machine/Instal New Ring Weldment	5	25JUN12	29JUN12	29JUN12	219	0	7,681.60	E												
	8200-K470	TF UPPER Install and torque all bolts	1	02JUL12	02JUL12	02JUL12	219	0	768.16	E												
	8200-K480	PF5 UPPER Cut off Clevis Support	1	23MAR12A	28MAR12A	28MAR12A		100	1,536.32	E												
	8200-K490	PF5 UPPER weld Studs Support	1	16APR12	16APR12	16APR12	252	0	2,304.48	E												
	8200-K500	PF4, 5 UPPER Replace Existing Bolts	1	07JUN12	07JUN12	07JUN12	219	0	768.16	E												
	LOWER																					
	8200-K150	PF 4&5 LOWER Install New interstitial Clamps	1	10JUL12	10JUL12	10JUL12	219	0	2,304.48	E												
	8200-K160	PF 5 U&L Install New Columns DC 1568	2	11JUL12	12JUL12	12JUL12	219	0	4,608.96	E												
	8200-K170	TF LOWER Remove/Grind Exisiting clevis bolts	1	06JUL12	06JUL12	06JUL12	219	0	1,536.32	E												
	8200-K180	TF LOWER Measure New Ring Splice	1	03AUG12	03AUG12	03AUG12	219	0	384.08	E												
	8200-K190	TF LOWER Machine New Ring Splice	2	06AUG12	07AUG12	07AUG12	219	0	1,536.32	E												
	8200-K200	TF LOWER Weld New Ring Splice	1	08AUG12	08AUG12	08AUG12	219	0	2,304.48	E												
	8200-K210	PF5 LOWER Cut off Clevis Support	1	03JUL12	03JUL12	03JUL12	219	0	1,536.32	E												

		Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS													
												FY11	FY12	FY13	FY14									
	8200-K220	PF5 LOWER Weld Studs Support	1	05JUL12	05JUL12	05JUL12	219	0	2,304.48	E														
	8200-K230	TF LOWER Install 2 new TF clamps	4	26JUL12	31JUL12	31JUL12	219	0	6,145.28	E														
	8200-K240	TF LOWER Install Vessel ties & Align	1	01AUG12	01AUG12	01AUG12	219	0	768.16	E														
	8200-K250	TF LOWER Install new ring weldment	1	02AUG12	02AUG12	02AUG12	219	0	1,536.32	E														
	8200-K260	TF LOWER Align and match drill new Ring Splice	1	09AUG12	09AUG12	09AUG12	219	0	1,536.32	E														
	8200-K270	TF LOWER Install and torque all bolts	1	10AUG12	10AUG12	10AUG12	219	0	768.16	E														
	8200-K290	Fiber & electrical Reinstallation	20	13AUG12	10SEP12	10SEP12	219	0	17,756.80	E														
	8200-K300	PF4&5 U&L Torque all bolts	1	25JUL12	25JUL12	25JUL12	219	0	768.16	E														
	8200-K310	PF 4&5 LOWER Replace Existing Bolts	1	13JUL12	13JUL12	13JUL12	219	0	2,304.48	E														
	8200-K320	PF5 U&L Replace Existing Column with New	2	16JUL12	17JUL12	17JUL12	219	0	4,608.96	E														
	8200-K330	TF Lower Weld New clevis	1	09JUL12	09JUL12	09JUL12	219	0	2,304.48	E														
	8200-K340	PF5 U&L Shim Measur/Machine/Instal New Column	5	18JUL12	24JUL12	24JUL12	219	0	7,681.60	E														
	Midplane Bay L																							
	Installation																							
	8200-L120	TF Verify Datums & Remove turnbuckles	15	19MAR12A	22MAR12A	22MAR12A		100	1,536.32	E														
	8200-L130	PF5 U&L Remove existing midplane columns	1	06APR12	06APR12	06APR12	181	0	1,536.32	E														
	UPPER																							
	8200-L360	TF UPPER Remove/Grind Exisiting clevis bolts	1	10APR12	10APR12	10APR12	181	0	1,536.32	E														
	8200-L370	TF UPPER weld New clevis	1	04JUN12	04JUN12	04JUN12	144	0	2,304.48	E														
	8200-L380	TF UPPER Install 2 new TF clamp	4	08JUN12	13JUN12	13JUN12	144	0	6,145.28	E														
	8200-L390	PF 4&5 UPPER Install New interstitial Clamps	2	05JUN12	06JUN12	06JUN12	144	0	4,608.96	E														
	8200-L400	TF UPPER Install Vessel Ties & Align	1	14JUN12	14JUN12	14JUN12	144	0	1,536.32	E														
	8200-L410	TF UPPER Install New Ring Weldment	1	15JUN12	15JUN12	15JUN12	144	0	1,536.32	E														
	8200-L420	TF UPPER Measure New Ring Splice	1	18JUN12	18JUN12	18JUN12	144	0	768.16	E														
	8200-L430	TF UPPER Machine New Ring Splice	2	19JUN12	20JUN12	20JUN12	144	0	1,536.32	E														
	8200-L440	TF UPPER Weld New Ring Splice	1	21JUN12	21JUN12	21JUN12	144	0	2,304.48	E														
	8200-L450	TF UPPER Align and match drill new Ring Splice	1	22JUN12	22JUN12	22JUN12	144	0	1,536.32	E														
	8200-L460	TF UPPER Measur/Machine/Instal New Ring Weldment	5	25JUN12	29JUN12	29JUN12	144	0	7,681.60	E														
	8200-L470	TF UPPER Install and torque all bolts	1	02JUL12	02JUL12	02JUL12	144	0	768.16	E														
	8200-L480	PF5 UPPER Cut off Clevis Support	1	23MAR12A	28MAR12A	28MAR12A		100	1,536.32	E														
	8200-L490	PF5 UPPER weld Studs Support	1	09APR12	09APR12	09APR12	181	0	2,304.48	E														
	8200-L500	PF4, 5 UPPER Replace Existing Bolts	1	07JUN12	07JUN12	07JUN12	144	0	768.16	E														
	LOWER																							
	8200-L150	PF 4&5 LOWER Install New interstitial Clamps	1	10JUL12	10JUL12	10JUL12	144	0	2,304.48	E														
	8200-L160	PF 5 U&L Install New Columns DC 1568	2	11JUL12	12JUL12	12JUL12	144	0	4,608.96	E														
	8200-L170	TF LOWER Remove/Grind Exisiting clevis bolts	1	06JUL12	06JUL12	06JUL12	144	0	1,536.32	E														
	8200-L180	TF LOWER Measure New Ring Splice	1	03AUG12	03AUG12	03AUG12	144	0	384.08	E														
	8200-L190	TF LOWER Machine New Ring Splice	2	06AUG12	07AUG12	07AUG12	144	0	1,536.32	E														
	8200-L200	TF LOWER Weld New Ring Splice	1	08AUG12	08AUG12	08AUG12	144	0	2,304.48	E														
	8200-L210	PF5 LOWER Cut off Clevis Support	1	03JUL12	03JUL12	03JUL12	144	0	1,536.32	E														
	8200-L220	PF5 LOWER Weld Studs Support	1	05JUL12	05JUL12	05JUL12	144	0	2,304.48	E														
	8200-L230	TF LOWER Install 2 new TF clamps	4	26JUL12	31JUL12	31JUL12	144	0	6,145.28	E														
	8200-L240	TF LOWER Install Vessel ties & Align	1	01AUG12	01AUG12	01AUG12	144	0	768.16	E														

		Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS							
												FY11	FY12	FY13	FY14			
		8200-L250	TF LOWER Install new ring weldment	1	02AUG12	02AUG12	02AUG12	144	0	1,536.32	E					TECHS M =16HRS		
		8200-L260	TF LOWER Align and match drill new Ring Splice	1	09AUG12	09AUG12	09AUG12	144	0	1,536.32	E					TECHS M =16HRS		
		8200-L270	TF LOWER Install and torque all bolts	1	10AUG12	10AUG12	10AUG12	144	0	768.16	E					TECHS M =8HRS		
		8200-L290	Fiber & electrical Reinstallation	20	13AUG12	10SEP12	10SEP12	144	0	17,756.80	E					POWERS ELEC =80HRS;EE		
		8200-L300	PF4&5 U&L Torque all bolts	1	25JUL12	25JUL12	25JUL12	144	0	768.16	E					TECHS M =8HRS		
		8200-L310	PF 4&5 LOWER Replace Existing Bolts	1	13JUL12	13JUL12	13JUL12	144	0	2,304.48	E					TECHS M =24HRS		
		8200-L320	PF5 U&L Replace Existing Column with New	2	16JUL12	17JUL12	17JUL12	144	0	4,608.96	E					TECHS W =48		
		8200-L330	TF Lower Weld New clevis	1	09JUL12	09JUL12	09JUL12	144	0	2,304.48	E					TECHS w=24 ;		
		8200-L340	PF5 U&L Shim Measur/Machine/Instal New Column	5	18JUL12	24JUL12	24JUL12	144	0	7,681.60	E					TECHS W =80HRS		
	Midplane Bay D																	
	Installation																	
			8200-D120	TF Verify Datums & Remove turnbuckles	15	12MAR12A	22MAR12A	22MAR12A		100	1,536.32	E					TECHS M=16HRS;	
			8200-D130	PF5 U&L Remove existing midplane columns	1	06APR12	06APR12	06APR12	257	0	1,536.32	E					TECHS M=16HRS	
	UPPER																	
			8200-D360	TF UPPER Remove/Grind Exisiting clevis bolts	55	02APR12	18JUN12	18JUN12	208	33	1,536.32	E					TECHS m =16HRS	
			8200-D370	TF UPPER weld New clevis	1	02AUG12	02AUG12	02AUG12	177	0	2,304.48	E					TECHS W =24HRS	
			8200-D380	TF UPPER Install 2 new TF clamp	4	08AUG12	13AUG12	13AUG12	177	0	6,145.28	E					TECHS M =64HRS	
			8200-D390	PF 4&5 UPPER Install New interstitial Clamps	2	03AUG12	06AUG12	06AUG12	177	0	4,608.96	E					TECHS M =48HRS	
			8200-D400	TF UPPER Install Vessel Ties & Align	1	14AUG12	14AUG12	14AUG12	177	0	1,536.32	E					TECHS M=16HRS	
			8200-D410	TF UPPER Install New Ring Weldment	1	15AUG12	15AUG12	15AUG12	177	0	1,536.32	E					TECHS M =16HRS	
			8200-D420	TF UPPER Measure New Ring Splice	1	16AUG12	16AUG12	16AUG12	177	0	768.16	E					TECHS M=8HRS	
			8200-D430	TF UPPER Machine New Ring Splice	2	17AUG12	20AUG12	20AUG12	177	0	1,536.32	E					TECHS M=16HRS	
			8200-D440	TF UPPER Weld New Ring Splice	1	21AUG12	21AUG12	21AUG12	177	0	2,304.48	E					TECHS W =24HRS	
			8200-D450	TF UPPER Align and match drill new Ring Splice	1	22AUG12	22AUG12	22AUG12	177	0	1,536.32	E					TECHS M =16HRS	
			8200-D460	TF UPPER Measur/Machine/Instal New Ring Weldment	5	23AUG12	29AUG12	29AUG12	177	0	7,681.60	E					TECHS M=80 ;	
			8200-D470	TF UPPER Install and torque all bolts	1	30AUG12	30AUG12	30AUG12	177	0	768.16	E					TECHS M =8HRS	
			8200-D480	PF5 UPPER Cut off Clevis Support	1	23MAR12A	28MAR12A	28MAR12A		100	1,536.32	E					TECHS M=16HRS	
			8200-D490	PF5 UPPER weld Studs Support	1	20JUN12	20JUN12	20JUN12	206	0	2,304.48	E					TECHS W =24HRS	
			8200-D500	PF4, 5 UPPER Replace Existing Bolts	1	07AUG12	07AUG12	07AUG12	177	0	768.16	E					TECHS M =8HRS	
	LOWER																	
			8200-D150	PF 4&5 LOWER Install New interstitial Clamps	1	07SEP12	07SEP12	07SEP12	177	0	2,304.48	E					TECHS m=24 ;	
			8200-D160	PF 5 U&L Install New Columns DC 1568	2	10SEP12	11SEP12	11SEP12	177	0	4,608.96	E					TECHS W =48 ;	
			8200-D170	TF LOWER Remove/Grind Exisiting clevis bolts	1	05SEP12	05SEP12	05SEP12	177	0	1,536.32	E					TECHS M =16HRS	
			8200-D180	TF LOWER Measure New Ring Splice	1	03OCT12	03OCT12	03OCT12	177	0	392.76	E					TECHS M=4HRS	
			8200-D190	TF LOWER Machine New Ring Splice	2	04OCT12	05OCT12	05OCT12	177	0	1,571.04	E					TECHS M =16HRS	
			8200-D200	TF LOWER Weld New Ring Splice	1	08OCT12	08OCT12	08OCT12	177	0	2,356.56	E					TECHS W =24HRS	
			8200-D210	PF5 LOWER Cut off Clevis Support	1	31AUG12	31AUG12	31AUG12	177	0	1,536.32	E					TECHS W =16HRS	
			8200-D220	PF5 LOWER Weld Studs Support	1	04SEP12	04SEP12	04SEP12	177	0	2,304.48	E					TECHS W =24	
			8200-D230	TF LOWER Install 2 new TF clamps	4	25SEP12	28SEP12	28SEP12	177	0	6,145.28	E					TECHS M =64HRS	
			8200-D240	TF LOWER Install Vessel ties & Align	1	01OCT12	01OCT12	01OCT12	177	0	785.52	E					TECHS M =8HRS	
			8200-D250	TF LOWER Install new ring weldment	1	02OCT12	02OCT12	02OCT12	177	0	1,571.04	E					TECHS M =16HRS	
			8200-D260	TF LOWER Align and match drill new Ring Splice	1	09OCT12	09OCT12	09OCT12	177	0	1,571.04	E					TECHS M =16HRS	
			8200-D270	TF LOWER Install and torque all bolts	1	10OCT12	10OCT12	10OCT12	177	0	785.52	E					TECHS M =8HRS	

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS												
											FY11			FY12			FY13			FY14		
	8200-D290	Fiber & electrical Reinstallation	20	11OCT12	07NOV12	07NOV12	177	0	18,486.40	E												
	8200-D300	PF4&5 U&L Torque all bolts	1	24SEP12	24SEP12	24SEP12	177	0	768.16	E												
	8200-D310	PF 4&5 LOWER Replace Existing Bolts	1	12SEP12	12SEP12	12SEP12	177	0	2,304.48	E												
	8200-D320	PF5 U&L Replace Existing Column with New	2	13SEP12	14SEP12	14SEP12	177	0	4,608.96	E												
	8200-D330	TF Lower Weld New clevis	1	06SEP12	06SEP12	06SEP12	177	0	2,304.48	E												
	8200-D340	PF5 U&L Shim Measur/Machine/Instal New Column	5	17SEP12	21SEP12	21SEP12	177	0	7,681.60	E												
	Midplane Bay E																					
	Installation																					
	8200-E120	TF Verify Datums & Remove turnbuckles	15	12MAR12A	22MAR12A	22MAR12A		100	1,536.32	E												
	8200-E130	PF5 U&L Remove existing midplane columns	1	06APR12	06APR12	06APR12	241	0	1,536.32	E												
	UPPER																					
	8200-E360	TF UPPER Remove/Grind Exisiting clevis bolts	1	01MAY12	01MAY12	01MAY12	241	0	1,536.32	E												
	8200-E370	TF UPPER weld New clevis	1	04JUN12	04JUN12	04JUN12	219	0	2,304.48	E												
	8200-E380	TF UPPER Install 2 new TF clamp	4	08JUN12	13JUN12	13JUN12	219	0	6,145.28	E												
	8200-E390	PF 4&5 UPPER Install New interstitial Clamps	2	05JUN12	06JUN12	06JUN12	219	0	4,608.96	E												
	8200-E400	TF UPPER Install Vessel Ties & Align	1	14JUN12	14JUN12	14JUN12	219	0	1,536.32	E												
	8200-E410	TF UPPER Install New Ring Weldment	1	15JUN12	15JUN12	15JUN12	219	0	1,536.32	E												
	8200-E420	TF UPPER Measure New Ring Splice	1	18JUN12	18JUN12	18JUN12	219	0	768.16	E												
	8200-E430	TF UPPER Machine New Ring Splice	2	19JUN12	20JUN12	20JUN12	219	0	1,536.32	E												
	8200-E440	TF UPPER Weld New Ring Splice	1	21JUN12	21JUN12	21JUN12	219	0	2,304.48	E												
	8200-E450	TF UPPER Align and match drill new Ring Splice	1	22JUN12	22JUN12	22JUN12	219	0	1,536.32	E												
	8200-E460	TF UPPER Measur/Machine/Instal New Ring Weldment	5	25JUN12	29JUN12	29JUN12	219	0	7,681.60	E												
	8200-E470	TF UPPER Install and torque all bolts	1	02JUL12	02JUL12	02JUL12	219	0	768.16	E												
	8200-E480	PF5 UPPER Cut off Clevis Support	1	23MAR12A	28MAR12A	28MAR12A		100	1,536.32	E												
	8200-E490	PF5 UPPER weld Studs Support	1	30APR12	30APR12	30APR12	241	0	2,304.48	E												
	8200-E500	PF4, 5 UPPER Replace Existing Bolts	1	07JUN12	07JUN12	07JUN12	219	0	768.16	E												
	LOWER																					
	8200-E150	PF 4&5 LOWER Install New interstitial Clamps	1	10JUL12	10JUL12	10JUL12	219	0	2,304.48	E												
	8200-E160	PF 5 U&L Install New Columns DC 1568	2	11JUL12	12JUL12	12JUL12	219	0	4,608.96	E												
	8200-E170	TF LOWER Remove/Grind Exisiting clevis bolts	1	06JUL12	06JUL12	06JUL12	219	0	1,536.32	E												
	8200-E180	TF LOWER Measure New Ring Splice	1	03AUG12	03AUG12	03AUG12	219	0	384.08	E												
	8200-E190	TF LOWER Machine New Ring Splice	2	06AUG12	07AUG12	07AUG12	219	0	1,536.32	E												
	8200-E200	TF LOWER Weld New Ring Splice	1	08AUG12	08AUG12	08AUG12	219	0	2,304.48	E												
	8200-E210	PF5 LOWER Cut off Clevis Support	1	03JUL12	03JUL12	03JUL12	219	0	1,536.32	E												
	8200-E220	PF5 LOWER Weld Studs Support	1	05JUL12	05JUL12	05JUL12	219	0	2,304.48	E												
	8200-E230	TF LOWER Install 2 new TF clamps	4	26JUL12	31JUL12	31JUL12	219	0	6,145.28	E												
	8200-E240	TF LOWER Install Vessel ties & Align	1	01AUG12	01AUG12	01AUG12	219	0	768.16	E												
	8200-E250	TF LOWER Install new ring weldment	1	02AUG12	02AUG12	02AUG12	219	0	1,536.32	E												
	8200-E260	TF LOWER Align and match drill new Ring Splice	1	09AUG12	09AUG12	09AUG12	219	0	1,536.32	E												
	8200-E270	TF LOWER Install and torque all bolts	1	10AUG12	10AUG12	10AUG12	219	0	768.16	E												
	8200-E290	Fiber & electrical Reinstallation	20	13AUG12	10SEP12	10SEP12	219	0	17,756.80	E												
	8200-E300	PF4&5 U&L Torque all bolts	1	25JUL12	25JUL12	25JUL12	219	0	768.16	E												
	8200-E310	PF 4&5 LOWER Replace Existing Bolts	1	13JUL12	13JUL12	13JUL12	219	0	2,304.48	E												

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS												
											FY11			FY12			FY13			FY14		
	8200-E320	PF5 U&L Replace Existing Column with New	2	16JUL12	17JUL12	17JUL12	219	0	4,608.96	E												
	8200-E330	TF Lower Weld New clevis	1	09JUL12	09JUL12	09JUL12	219	0	2,304.48	E												
	8200-E340	PF5 U&L Shim Measur/Machine/Instal New Column	5	18JUL12	24JUL12	24JUL12	219	0	7,681.60	E												
	Midplane Bay F																					
	Installation																					
	8200-F120	TF Verify Datums & Remove turnbuckles	15	12MAR12A	22MAR12A	22MAR12A		100	1,536.32	E												
	8200-F130	PF5 U&L Remove existing midplane columns	1	06APR12	06APR12	06APR12	183	0	1,536.32	E												
	UPPER																					
	8200-F360	TF UPPER Remove/Grind Exisiting clevis bolts	23	23MAR12A	24APR12	24APR12	172	33	1,536.32	E												
	8200-F370	TF UPPER weld New clevis	1	04JUN12	04JUN12	04JUN12	145	0	2,304.48	E												
	8200-F380	TF UPPER Install 2 new TF clamp	4	08JUN12	13JUN12	13JUN12	145	0	6,145.28	E												
	8200-F390	PF 4&5 UPPER Install New interstitial Clamps	2	05JUN12	06JUN12	06JUN12	145	0	4,608.96	E												
	8200-F400	TF UPPER Install Vessel Ties & Align	1	14JUN12	14JUN12	14JUN12	145	0	1,536.32	E												
	8200-F410	TF UPPER Install New Ring Weldment	1	15JUN12	15JUN12	15JUN12	145	0	1,536.32	E												
	8200-F420	TF UPPER Measure New Ring Splice	1	18JUN12	18JUN12	18JUN12	145	0	768.16	E												
	8200-F430	TF UPPER Machine New Ring Splice	2	19JUN12	20JUN12	20JUN12	145	0	1,536.32	E												
	8200-F440	TF UPPER Weld New Ring Splice	1	21JUN12	21JUN12	21JUN12	145	0	2,304.48	E												
	8200-F450	TF UPPER Align and match drill new Ring Splice	1	22JUN12	22JUN12	22JUN12	145	0	1,536.32	E												
	8200-F460	TF UPPER Measur/Machine/Instal New Ring Weldment	5	25JUN12	29JUN12	29JUN12	145	0	7,681.60	E												
	8200-F470	TF UPPER Install and torque all bolts	1	02JUL12	02JUL12	02JUL12	145	0	768.16	E												
	8200-F480	PF5 UPPER Cut off Clevis Support	1	23MAR12A	28MAR12A	28MAR12A		100	1,536.32	E												
	8200-F490	PF5 UPPER weld Studs Support	1	09APR12	09APR12	09APR12	183	0	2,304.48	E												
	8200-F500	PF4, 5 UPPER Replace Existing Bolts	1	07JUN12	07JUN12	07JUN12	145	0	768.16	E												
	LOWER																					
	8200-F150	PF 4&5 LOWER Install New interstitial Clamps	1	02AUG12	02AUG12	02AUG12	128	0	2,304.48	E												
	8200-F160	PF 5 U&L Install New Columns DC 1568	2	03AUG12	06AUG12	06AUG12	128	0	4,608.96	E												
	8200-F170	TF LOWER Remove/Grind Exisiting clevis bolts	1	06JUL12	06JUL12	06JUL12	145	0	1,536.32	E												
	8200-F180	TF LOWER Measure New Ring Splice	1	28AUG12	28AUG12	28AUG12	128	0	384.08	E												
	8200-F190	TF LOWER Machine New Ring Splice	2	29AUG12	30AUG12	30AUG12	128	0	1,536.32	E												
	8200-F200	TF LOWER Weld New Ring Splice	1	31AUG12	31AUG12	31AUG12	128	0	2,304.48	E												
	8200-F210	PF5 LOWER Cut off Clevis Support	1	03JUL12	03JUL12	03JUL12	145	0	1,536.32	E												
	8200-F220	PF5 LOWER Weld Studs Support	1	05JUL12	05JUL12	05JUL12	145	0	2,304.48	E												
	8200-F230	TF LOWER Install 2 new TF clamps	4	20AUG12	23AUG12	23AUG12	128	0	6,145.28	E												
	8200-F240	TF LOWER Install Vessel ties & Align	1	24AUG12	24AUG12	24AUG12	128	0	768.16	E												
	8200-F250	TF LOWER Install new ring weldment	1	27AUG12	27AUG12	27AUG12	128	0	1,536.32	E												
	8200-F260	TF LOWER Align and match drill new Ring Splice	1	04SEP12	04SEP12	04SEP12	128	0	1,536.32	E												
	8200-F270	TF LOWER Install and torque all bolts	1	05SEP12	05SEP12	05SEP12	128	0	768.16	E												
	8200-F290	Fiber & electrical Reinstallation	20	06SEP12	03OCT12	03OCT12	128	0	17,866.24	E												
	8200-F300	PF4&5 U&L Torque all bolts	1	17AUG12	17AUG12	17AUG12	128	0	768.16	E												
	8200-F310	PF 4&5 LOWER Replace Existing Bolts	1	07AUG12	07AUG12	07AUG12	128	0	2,304.48	E												
	8200-F320	PF5 U&L Replace Existing Column with New	2	08AUG12	09AUG12	09AUG12	128	0	4,608.96	E												
	8200-F330	TF Lower Weld New clevis	1	01AUG12*	01AUG12	01AUG12	128	0	2,304.48	E												
	8200-F340	PF5 U&L Shim Measur/Machine/Instal New Column	5	10AUG12	16AUG12	16AUG12	128	0	7,681.60	E												

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS					
											FY11	FY12	FY13	FY14	
	8200-H130	PF5 U&L Remove existing midplane columns	1	05OCT12	05OCT12	05OCT12	128	0	1,571.04	E					TECHS M=16HRS
	UPPER														
	8200-H360	TF UPPER Remove/Grind Exisiting clevis bolts	1	10OCT12	10OCT12	10OCT12	128	0	1,571.04	E					TECHS m =16HRS
	8200-H370	TF UPPER weld New clevis	1	11OCT12	11OCT12	11OCT12	128	0	2,356.56	E					TECHS W =24HRS
	8200-H380	TF UPPER Install 2 new TF clamp	4	17OCT12	22OCT12	22OCT12	128	0	6,284.16	E					TECHS M =64HRS
	8200-H390	PF 4&5 UPPER Install New interstitial Clamps	2	12OCT12	15OCT12	15OCT12	128	0	4,713.12	E					TECHS M =48HRS
	8200-H400	TF UPPER Install Vessel Ties & Align	1	23OCT12	23OCT12	23OCT12	128	0	1,571.04	E					TECHS M=16HRS
	8200-H410	TF UPPER Install New Ring Weldment	1	24OCT12	24OCT12	24OCT12	128	0	1,571.04	E					TECHS M =16HRS
	8200-H420	TF UPPER Measure New Ring Splice	1	25OCT12	25OCT12	25OCT12	128	0	785.52	E					TECHS M=8HRS
	8200-H430	TF UPPER Machine New Ring Splice	2	26OCT12	29OCT12	29OCT12	128	0	1,571.04	E					TECHS M=16HRS
	8200-H440	TF UPPER Weld New Ring Splice	1	30OCT12	30OCT12	30OCT12	128	0	2,356.56	E					TECHS W =24HRS
	8200-H450	TF UPPER Align and match drill new Ring Splice	1	31OCT12	31OCT12	31OCT12	128	0	1,571.04	E					TECHS M =16HRS
	8200-H460	TF UPPER Measur/Machine/Instal New Ring Weldment	5	01NOV12	07NOV12	07NOV12	128	0	7,855.20	E					TECHS M=80HRS
	8200-H470	TF UPPER Install and torque all bolts	1	08NOV12	08NOV12	08NOV12	128	0	785.52	E					TECHS M =8HRS
	8200-H480	PF5 UPPER Cut off Clevis Support	1	08OCT12	08OCT12	08OCT12	128	0	1,571.04	E					TECHS w=16HRS
	8200-H490	PF5 UPPER weld Studs Support	1	09OCT12	09OCT12	09OCT12	128	0	2,356.56	E					TECHS W =24HRS
	8200-H500	PF4, 5 UPPER Replace Existing Bolts	1	16OCT12	16OCT12	16OCT12	128	0	785.52	E					TECHS M =8HRS
	LOWER														
	8200-H150	PF 4&5 LOWER Install New interstitial Clamps	1	15NOV12	15NOV12	15NOV12	128	0	2,356.56	E					TECHS M =24 ;
	8200-H160	PF 5 U&L Install New Columns DC 1568	2	16NOV12	19NOV12	19NOV12	128	0	4,713.12	E					TECHS w=48 ;
	8200-H170	TF LOWER Remove/Grind Exisiting clevis bolts	1	13NOV12	13NOV12	13NOV12	128	0	1,571.04	E					TECHS M =16HRS
	8200-H180	TF LOWER Measure New Ring Splice	1	13DEC12	13DEC12	13DEC12	128	0	392.76	E					TECHS M=4HRS
	8200-H190	TF LOWER Machine New Ring Splice	2	14DEC12	17DEC12	17DEC12	128	0	1,571.04	E					TECHS M =16HRS
	8200-H200	TF LOWER Weld New Ring Splice	1	18DEC12	18DEC12	18DEC12	128	0	2,356.56	E					TECHS W =24HRS
	8200-H210	PF5 LOWER Cut off Clevis Support	1	09NOV12	09NOV12	09NOV12	128	0	1,571.04	E					TECHS W =16HRS
	8200-H220	PF5 LOWER Weld Studs Support	1	12NOV12	12NOV12	12NOV12	128	0	2,356.56	E					TECHS W =24
	8200-H230	TF LOWER Install 2 new TF clamps	4	05DEC12	10DEC12	10DEC12	128	0	6,284.16	E					TECHS M =64HRS
	8200-H240	TF LOWER Install Vessel ties & Align	1	11DEC12	11DEC12	11DEC12	128	0	785.52	E					TECHS M =8HRS
	8200-H250	TF LOWER Install new ring weldment	1	12DEC12	12DEC12	12DEC12	128	0	1,571.04	E					TECHS M =16HRS
	8200-H260	TF LOWER Align and match drill new Ring Splice	1	19DEC12	19DEC12	19DEC12	128	0	1,571.04	E					TECHS M =16HRS
	8200-H270	TF LOWER Install and torque all bolts	1	20DEC12	20DEC12	20DEC12	128	0	785.52	E					TECHS M =8HRS
	8200-H290	Fiber & electrical Reinstallation	20	21DEC12	28JAN13	28JAN13	128	0	18,486.40	E					POWERS ELEC =80HRS
	8200-H300	PF4&5 U&L Torque all bolts	1	04DEC12	04DEC12	04DEC12	128	0	785.52	E					TECHS M =8HRS
	8200-H310	PF 4&5 LOWER Replace Existing Bolts	1	20NOV12	20NOV12	20NOV12	128	0	2,356.56	E					TECHS M =24HRS
	8200-H320	PF5 U&L Replace Existing Column with New	2	21NOV12	26NOV12	26NOV12	128	0	4,713.12	E					TECHS W =48
	8200-H330	TF Lower Weld New clevis	1	14NOV12	14NOV12	14NOV12	128	0	2,356.56	E					TECHS W =24HRS
	8200-H340	PF5 U&L Shim Measur/Machine/Instal New Column	5	27NOV12	03DEC12	03DEC12	128	0	7,855.20	E					TECHS W =80HRS
	Midplane Bay C														
	Installation														
	8200-I120	TF Verify Datums & Remove turnbuckles	1	04OCT12	04OCT12	04OCT12	129	0	1,571.04	E					TECHS M=16HRS
	8200-I130	PF5 U&L Remove existing midplane columns	1	05OCT12	05OCT12	05OCT12	129	0	1,571.04	E					TECHS M=16HRS
	UPPER														
	8200-I360	TF UPPER Remove/Grind Exisiting clevis bolts	1	09OCT12	09OCT12	09OCT12	129	0	1,571.04	E					TECHS m =16HRS

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS												
											FY11			FY12			FY13			FY14		
	8200-I370	TF UPPER weld New clevis	1	10OCT12	10OCT12	10OCT12	129	0	2,356.56	E												TECHS W =24HRS
	8200-I380	TF UPPER Install 2 new TF clamp	4	16OCT12	19OCT12	19OCT12	129	0	6,284.16	E												TECHS M =64HRS
	8200-I390	PF 4&5 UPPER Install New interstitial Clamps	2	11OCT12	12OCT12	12OCT12	129	0	4,713.12	E												TECHS M =48HRS
	8200-I400	TF UPPER Install Vessel Ties & Align	1	22OCT12	22OCT12	22OCT12	129	0	1,571.04	E												TECHS M=16HRS
	8200-I410	TF UPPER Install New Ring Weldment	1	23OCT12	23OCT12	23OCT12	129	0	1,571.04	E												TECHS M =16HRS
	8200-I420	TF UPPER Measure New Ring Splice	1	24OCT12	24OCT12	24OCT12	129	0	785.52	E												TECHS M=8HRS
	8200-I430	TF UPPER Machine New Ring Splice	2	25OCT12	26OCT12	26OCT12	129	0	1,571.04	E												TECHS M=16HRS
	8200-I440	TF UPPER Weld New Ring Splice	1	29OCT12	29OCT12	29OCT12	129	0	2,356.56	E												TECHS W =24HRS
	8200-I450	TF UPPER Align and match drill new Ring Splice	1	30OCT12	30OCT12	30OCT12	129	0	1,571.04	E												TECHS M =16HRS
	8200-I460	TF UPPER Measur/Machine/Instal New Ring Weldment	5	31OCT12	06NOV12	06NOV12	129	0	7,855.20	E												TECHS M=80HRS
	8200-I470	TF UPPER Install and torque all bolts	1	07NOV12	07NOV12	07NOV12	129	0	785.52	E												TECHS M =8HRS
	8200-I480	PF5 UPPER Cut off Clevis Support	1	23MAR12A	28MAR12A	28MAR12A		100	1,536.32	E												TECHS M=16HRS
	8200-I490	PF5 UPPER weld Studs Support	1	08OCT12	08OCT12	08OCT12	129	0	2,356.56	E												TECHS W =24HRS
	8200-I500	PF4, 5 UPPER Replace Existing Bolts	1	15OCT12	15OCT12	15OCT12	129	0	785.52	E												TECHS M =8HRS
	LOWER																					
	8200-I150	PF 4&5 LOWER Install New interstitial Clamps	1	14NOV12	14NOV12	14NOV12	129	0	2,356.56	E												TECHS M=24 ;
	8200-I160	PF 5 U&L Install New Columns DC 1568	2	15NOV12	16NOV12	16NOV12	129	0	4,713.12	E												TECHS w=48 ;
	8200-I170	TF LOWER Remove/Grind Exisiting clevis bolts	1	12NOV12	12NOV12	12NOV12	129	0	1,571.04	E												TECHS M =16HRS
	8200-I180	TF LOWER Measure New Ring Splice	1	12DEC12	12DEC12	12DEC12	129	0	392.76	E												TECHS M=4HRS
	8200-I190	TF LOWER Machine New Ring Splice	2	13DEC12	14DEC12	14DEC12	129	0	1,571.04	E												TECHS M =16HRS
	8200-I200	TF LOWER Weld New Ring Splice	1	17DEC12	17DEC12	17DEC12	129	0	2,356.56	E												TECHS W =24HRS
	8200-I210	PF5 LOWER Cut off Clevis Support	1	08NOV12	08NOV12	08NOV12	129	0	1,571.04	E												TECHS W =16HRS
	8200-I220	PF5 LOWER Weld Studs Support	1	09NOV12	09NOV12	09NOV12	129	0	2,356.56	E												TECHS W =24
	8200-I230	TF LOWER Install 2 new TF clamps	4	04DEC12	07DEC12	07DEC12	129	0	6,284.16	E												TECHS M =64HRS
	8200-I240	TF LOWER Install Vessel ties & Align	1	10DEC12	10DEC12	10DEC12	129	0	785.52	E												TECHS M =8HRS
	8200-I250	TF LOWER Install new ring weldment	1	11DEC12	11DEC12	11DEC12	129	0	1,571.04	E												TECHS M =16HRS
	8200-I260	TF LOWER Align and match drill new Ring Splice	1	18DEC12	18DEC12	18DEC12	129	0	1,571.04	E												TECHS M =16HRS
	8200-I270	TF LOWER Install and torque all bolts	1	19DEC12	19DEC12	19DEC12	129	0	785.52	E												TECHS M =8HRS
	8200-I290	Fiber & electrical Reinstallation	20	20DEC12	25JAN13	25JAN13	129	0	18,486.40	E												POWERS ELEC =80HRS
	8200-I300	PF4&5 U&L Torque all bolts	1	03DEC12	03DEC12	03DEC12	129	0	785.52	E												TECHS M =8HRS
	8200-I310	PF 4&5 LOWER Replace Existing Bolts	1	19NOV12	19NOV12	19NOV12	129	0	2,356.56	E												TECHS M =24HRS
	8200-I320	PF5 U&L Replace Existing Column with New	2	20NOV12	21NOV12	21NOV12	129	0	4,713.12	E												TECHS W =48
	8200-I330	TF Lower Weld New clevis	1	13NOV12	13NOV12	13NOV12	129	0	2,356.56	E												TECHS W =24HRS
	8200-I340	PF5 U&L Shim Measur/Machine/Instal New Column	5	26NOV12	30NOV12	30NOV12	129	0	7,855.20	E												TECHS W =80HRS
Midplane Bay G																						
Installation																						
	8200-0052	TF Verify Datums & Remove turnbuckles	15	19MAR12A	28MAR12A	28MAR12A		100	1,536.32	E												TECHS M=16HRS
	8200-0069	PF5 U&L Remove existing midplane columns	1	11SEP12	11SEP12	11SEP12	144	0	1,536.32	E												TECHS M=16HRS
UPPER																						
	8200-0052A	TF UPPER Remove/Grind Exisiting clevis bolts	1	13SEP12	13SEP12	13SEP12	144	0	1,536.32	E												TECHS W =16HRS
	8200-0052B	TF UPPER weld New clevis	1	14SEP12	14SEP12	14SEP12	144	0	2,304.48	E												TECHS W =24HRS
	8200-0052C	TF UPPER Install 2 new TF clamp	4	20SEP12	25SEP12	25SEP12	144	0	6,145.28	E												TECHS M =64HRS
	8200-0052D	PF 4&5 UPPER Install New interstitial Clamps	2	17SEP12	18SEP12	18SEP12	144	0	4,608.96	E												TECHS M =48HRS

		Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS				
												FY11	FY12	FY13	FY14
	8200-0053	TF UPPER Install Vessel Ties & Align	1	26SEP12	26SEP12	26SEP12	144	0	1,536.32	E				TECHS M=16HRS	
	8200-0054	TF UPPER Install New Ring Weldment	1	27SEP12	27SEP12	27SEP12	144	0	1,536.32	E				TECHS M =16HRS	
	8200-0055	TF UPPER Measure New Ring Splice	1	28SEP12	28SEP12	28SEP12	144	0	768.16	E				TECHS M=8HRS	
	8200-0055A	TF UPPER Machine New Ring Splice	2	01OCT12	02OCT12	02OCT12	144	0	1,571.04	E				TECHS M=16HRS	
	8200-0055B	TF UPPER Weld New Ring Splice	1	03OCT12	03OCT12	03OCT12	144	0	2,356.56	E				TECHS W =24HRS	
	8200-0056	TF UPPER Align and match drill new Ring Splice	1	04OCT12	04OCT12	04OCT12	144	0	1,571.04	E				TECHS M =16HRS	
	8200-0056A	TF UPPER Measur/Machine/Instal New Ring Weldment	5	05OCT12	11OCT12	11OCT12	144	0	7,855.20	E				TECHS M=80HRS	
	8200-0057	TF UPPER Install and torque all bolts	1	12OCT12	12OCT12	12OCT12	144	0	785.52	E				TECHS M =8HRS	
	8200-0069A	PF5 UPPER Cut off Clevis Support	1	23MAR12A	28MAR12A	28MAR12A		100	1,536.32	E			TECHS M=16HRS		
	8200-0069B	PF5 UPPER weld Studs Support	1	12SEP12	12SEP12	12SEP12	144	0	2,304.48	E				TECHS W =24HRS	
	8200-0071	PF4, 5 UPPER Replace Existing Bolts	1	19SEP12	19SEP12	19SEP12	144	0	768.16	E				TECHS M =8HRS	
	LOWER														
	8200-0052G	PF 4&5 LOWER Install New interstitial Clamps	1	19OCT12	19OCT12	19OCT12	144	0	2,356.56	E				TECHS M =24HRS	
	8200-0052H	PF 5 U&L Install New Columns DC 1568	2	22OCT12	23OCT12	23OCT12	144	0	4,713.12	E				TECHS W=48 ;	
	8200-0052I	TF LOWER Remove/Grind Exisiting clevis bolts	1	17OCT12	17OCT12	17OCT12	144	0	1,571.04	E				TECHS M =16HRS	
	8200-0055F	TF LOWER Measure New Ring Splice	1	14NOV12	14NOV12	14NOV12	144	0	392.76	E				TECHS M=4HRS	
	8200-0055G	TF LOWER Machine New Ring Splice	2	15NOV12	16NOV12	16NOV12	144	0	1,571.04	E				TECHS M =16HRS	
	8200-0055H	TF LOWER Weld New Ring Splice	1	19NOV12	19NOV12	19NOV12	144	0	2,356.56	E				TECHS W =24HRS	
	8200-0057A	PF5 LOWER Cut off Clevis Support	1	15OCT12	15OCT12	15OCT12	144	0	1,571.04	E				TECHS W =16HRS	
	8200-0057B	PF5 LOWER Weld Studs Support	1	16OCT12	16OCT12	16OCT12	144	0	2,356.56	E				TECHS W =24	
	8200-0077	TF LOWER Install 2 new TF clamps	4	06NOV12	09NOV12	09NOV12	144	0	6,284.16	E				TECHS M =64HRS	
	8200-0078	TF LOWER Install Vessel ties & Align	1	12NOV12	12NOV12	12NOV12	144	0	785.52	E				TECHS M =8HRS	
	8200-0079	TF LOWER Install new ring weldment	1	13NOV12	13NOV12	13NOV12	144	0	1,571.04	E				TECHS M =16HRS	
	8200-0080	TF LOWER Align and match drill new Ring Splice	1	20NOV12	20NOV12	20NOV12	144	0	1,571.04	E				TECHS M =16HRS	
	8200-0081	TF LOWER Install and torque all bolts	1	21NOV12	21NOV12	21NOV12	144	0	785.52	E				TECHS M =8HRS	
	8200-0081B	Fiber & electrical Reinstallation	20	26NOV12	21DEC12	21DEC12	144	0	18,486.40	E				POWERS ELEC =80HRS;	
	8200-0093	PF4&5 U&L Torque all bolts	1	05NOV12	05NOV12	05NOV12	144	0	785.52	E				TECHS M =8HRS	
	8200-0094	PF 4&5 LOWER Replace Existing Bolts	1	24OCT12	24OCT12	24OCT12	144	0	2,356.56	E				TECHS M =24HRS	
	8200-0095	PF5 U&L Replace Existing Column with New	2	25OCT12	26OCT12	26OCT12	144	0	4,713.12	E				TECHS W =48	
	8200-0095A	TF Lower Weld New clevis	1	18OCT12	18OCT12	18OCT12	144	0	2,356.56	E				TECHS W =24HRS	
	8200-0095C	PF5 U&L Shim Measur/Machine/Instal New Column	5	29OCT12	02NOV12	02NOV12	144	0	7,855.20	E				TECHS W =80HRS	
Midplane Bay H															
Installation															
8200-B120	TF Verify Datums & Remove turnbuckles	1	23MAR12A	28MAR12A	28MAR12A		100	1,536.32	E				TECHS M=16HRS		
8200-B130	PF5 U&L Remove existing midplane columns	1	11SEP12	11SEP12	11SEP12	148	0	1,536.32	E				TECHS M=16HRS		
UPPER															
8200-B360	TF UPPER Remove/Grind Exisiting clevis bolts	1	23MAR12A	28MAR12A	28MAR12A		100	1,536.32	E				TECHS W =16HRS		
8200-B370	TF UPPER weld New clevis	1	13SEP12	13SEP12	13SEP12	148	0	2,304.48	E				TECHS W =24HRS		
8200-B380	TF UPPER Install 2 new TF clamp	4	19SEP12	24SEP12	24SEP12	148	0	6,145.28	E				TECHS M =64HRS		
8200-B390	PF 4&5 UPPER Install New interstitial Clamps	2	14SEP12	17SEP12	17SEP12	148	0	4,608.96	E				TECHS M =48HRS		
8200-B400	TF UPPER Install Vessel Ties & Align	1	25SEP12	25SEP12	25SEP12	148	0	1,536.32	E				TECHS M=16HRS		
8200-B410	TF UPPER Install New Ring Weldment	1	26SEP12	26SEP12	26SEP12	148	0	1,536.32	E				TECHS M =16HRS		
8200-B420	TF UPPER Measure New Ring Splice	1	27SEP12	27SEP12	27SEP12	148	0	768.16	E				TECHS M=8HRS		

		Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11				FY12				FY13				FY14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		8200-B430	TF UPPER Machine New Ring Splice	2	28SEP12	01OCT12	01OCT12	148	0	1,553.68	E																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11	FY12	FY13	FY14
	8200-0135	Reinstall Elect	80	23SEP13	24JAN14	24JAN14	15	0	399,564.80	C				
	8200-0136	Testing	20	27JAN14	21FEB14	21FEB14	15	0	99,891.20	E				
	8200-0136A	Install Required Blank Covers	10	18NOV13	03DEC13	03DEC13	62	0	50,757.60	E				
	DOC													
	Installation													
	8200-0020	PREPARE WORK PLANNING FORM	1	24OCT11A	28OCT11A	28OCT11A		100	726.52	E				
	8200-0021	Fab/AssyInstallation Procedure	45	02APR12	04JUN12	04JUN12	303	0	29,060.80	E				
	8200-0028F	Fiducial Photogrammetry	10	17FEB12A	22FEB12A	22FEB12A		100	28,203.20	E				
	LOE													
	Final Design													
FY108200A	FY10 Actual Cost	110	03MAY10A	30SEP10A	30SEP10A		100	6,473.00	C	81=19619				
Installation														
8200-0012	Assembly oversight prior to outage (fy10 & fy11)	377*	03MAY10A	30SEP11A	30SEP11A		100	62,647.25	A					
8200-0017	Misc M&S (\$500.00 per Day)	605	17OCT11A	27MAR14	27MAR14	379	19	546,570.98	A					
8200-0017A	Two Welding Machine for the NTC	646	12DEC11A	18JAN12A	18JAN12A		100	36,000.00	C					
Project Management														
FY108200	FY10 Actual Cost	123	02NOV09A	30APR10A	30APR10A		100	19,070.00	C					
Prerequisites														
Installation														
8200-0028A	RF Line develop as-built assy drawing	99	14FEB11A	31MAY11A	31MAY11A		100	14,989.20	C					
8200-0028E	RF Line develop as-built assy drawing	10	01NOV11A	16NOV11A	16NOV11A		100	71,191.20	C					
Fabrication / Assembly														
1301-0300	Fab Drill Jig for add'l holes in all OTF Flags	138	23MAR12A	05OCT12	05OCT12	205	25	9,843.94	E					
1301-0310	Drill (24) Add'l holes in all OTF Flags	50	08OCT12	18DEC12	18DEC12	205	0	39,276.00	C					
Job: 8210 - Field Supervision & Oversight-PERRY														
LOE														
Installation														
8200-0005A	Work Planning	97	17OCT11A	23MAR12A	23MAR12A		100	214,876.16	A					
8200-0010	Shop Rework - Oversight	433	21MAY12	20FEB14	20FEB14	401	0	10,984.23	A					
8200-0011	Shop Rework - Support	436	21MAY12	25FEB14	25FEB14	401	0	57,689.07	A					
8200-00121	Removal oversight	70*	17OCT11A	31JAN12A	31JAN12A		100	136,232.18	A					
8200-0012D	Re-installation Oversight	280	13FEB13*	31MAR14	31MAR14	377	0	229,873.92	A					
8200-0013	Installation Oversight - Mechanical	474	18OCT11A	12SEP13	12SEP13	509	24	902,773.53	A					
8200-0013B	Installation Oversight - Electrical	478	17OCT11A	17SEP13	17SEP13	506	23	318,902.48	A					
8200-0015	Title 3 Support Mech Engineer	473	17OCT11A	10SEP13	10SEP13	511	24	107,623.78	A					
8200-0015A	Title 3 Support Drafting	481	17APR12	26MAR14	26MAR14	380	0	44,301.80	A					
Prerequisites														
Installation														
8200-0002	Designs complete	0	05JUN12			303	0	0.00	B					
8200-0003	Assembly Sequence complete	0	03JUL12			485	0	0.00	B					
8200-0004	Parts Ready for Installation	0	31AUG12*			485	0	0.00	B					

	Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS												
											FY11			FY12			FY13			FY14		
	8200-0005	Installation procedure Complete	0	31JUL12*			303	0	0.00	B												
	8200-0006	Mobilize crews	0	31AUG12*			485	0	0.00	B												
	8200-0007	CENTER STACK READY FOR INSTALLATION	0	17OCT13			0	0	0.00	B												
Job: 8250 - Remove/Install Centerstack-PERRY																						
Remove Old Centerstack																						
Installation																						
	8250-101	N/A Disconnect Hoses (X-90)	1	03OCT11A	03OCT11A	03OCT11A		100	0.00	E												
	8250-105	N/A Remove umbrella lid (top and bottom) (X-90)	1	03OCT11A	03OCT11A	03OCT11A		100	0.00	E												
	8250-109	N/A Remove flex bus (top and bottom) (X-90)	6	04OCT11A	11OCT11A	11OCT11A		100	0.00	E												
	8250-113	Support lower support structure	4	01DEC11A	06DEC11A	06DEC11A		100	25,015.36	E												
	8250-117	lift old centerstack	1	02DEC11A	02DEC11A	02DEC11A		100	12,507.68	E												
	8250-121	Remove old centerstack pedestal	1	23JAN12A	23JAN12A	23JAN12A		100	18,933.20	E												
	8250-PP01A	CS Analysis Update Analysis	64	01APR13*	28JUN13	28JUN13	560	0	53,287.20	K												
Install New Centerstack																						
Installation																						
	8250-123	Dsgn Lift Fixture for new centerstack pedestal	43	01OCT12	30NOV12	30NOV12	139	0	111,438.00	C												
	8250-124	Fab Lift Fixture for new centerstack pedestal	58	03DEC12	01MAR13	01MAR13	139	0	59,131.20	C												
	8250-125	Install new centerstack pedestal	20	04MAR13	29MAR13	29MAR13	139	0	35,020.80	E												
	8250-128	Machine groove top VV/CS interface	10	03OCT13	16OCT13	16OCT13	0	0	0.00	E												
	8250-129	Lift in new centerstack (2 times)	4	17OCT13	22OCT13	22OCT13	0	0	22,720.32	E												
	8250-133	Check vacuum seals	5	23OCT13	29OCT13	29OCT13	0	0	16,228.80	E												
	8250-137	Install new flex bus (3 times w/2 re-machinings)	27	30OCT13	09DEC13	09DEC13	0	0	155,802.16	E												
	8250-141	Install new umbrella (3 times w/2 re-machinings)	6	10DEC13	17DEC13	17DEC13	0	0	34,080.48	E												
Close Vessel and Pumpdown																						
Installation																						
	8250-145	Clean, Photo, Close VV	9	18DEC13	09JAN14	09JAN14	0	0	65,726.64	E												
	8250-149	Pumpdown	1	10JAN14	10JAN14	10JAN14	0	0	5,680.08	E												
	8250-153	Leak check	12	13JAN14	28JAN14	28JAN14	0	0	68,160.96	E												
	8250-157	Setup for Bakeout	5	29JAN14	04FEB14	04FEB14	0	0	52,743.60	E												
	8250-161	Rayleigh/Raman Scattering	5	05FEB14	11FEB14	11FEB14	0	0	12,171.60	E												
	8250-165	Bakeout	16	12FEB14	05MAR14	05MAR14	0	0	116,847.36	E												
	8250-169	Recover from bakeout & scrub	7	06MAR14	14MAR14	14MAR14	0	0	39,760.56	E												
	8250-173	Ready for ISTD	0		14MAR14	14MAR14	0	0	0.00	B												
Job: 7900 - Integrated System Test-GENTILE																						
Integrated System Testing (WBS 1.7 / Job 7900)																						
Final Design																						
	FY107900	FY10 Actual Cost	40	02NOV09A	23DEC09A	23DEC09A		100	3,956.00	C												
Fabrication / Assembly																						
	7900-110	Prepare NBI2 & CS ISTD Test Procedures	65	01APR13*	01JUL13	01JUL13	131	0	22,287.60	C												
	7900-120	Conduct ACC Review of Upgrades	40	02JUL13	28AUG13	28AUG13	131	0	29,671.20	C												
	7900-140	Perform ISTD	15	17MAR14	04APR14	04APR14	0	0	15,348.00	E												

			Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY11												FY12												FY13												FY14											
			7900-999	NSTX RESUME OPERATIONS	0		04APR14	04APR14	0	0	0.00	B																																																
			Project Management																																																									
			7900-150	Participate in cost and schedule reviews	849	01OCT10A	05MAR14	05MAR14	395	44	7,086.37	A																																																