

Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	BASELINE FINISH	Free Float	Total Float	Early Finish Schedule Slip (Days)	% Comp	Earned value cost (BCWP)	BASELINE BUDGET (BAC)	RESP	EVMS Rule	FY					
														FY11	FY12	FY13	FY14	FY15	
1303-002	Materials Testing	267*	01MAY10A	25MAY11A	25APR11			-22	100	7,645.36	7,645.36	KOZUB	C						
1303-003	Component Testing	267*	01MAY10A	25MAY11A	25APR11			-22	100	10,925.26	10,925.26	KOZUB	C						
1303-004	Assembly Testing	209*	01SEP10A	05JUL11A	25APR11			-49	100	19,030.81	19,030.81	KOZUB	C						
1303-005	Model Fabrication	245*	01MAY10A	31AUG10A	31AUG10A			0	100	0.00	0.00	KOZUB	C						
1303-011	Testing Design Support and M&S	160*	01OCT10A	30MAR11A	31AUG12			359	100	212,541.38	212,541.38	KOZUB	C						
1303-014	Dog Bone Test	24*	01JUN11A	05JUL11A				0	100	0.00	0.00	KOZUB							
1303-014A	TF Flex Joint Contact surface High Press Map	10	05JUL11A	18JUL11A				0	100	0.00	0.00	KOZUB							
1303-014B	Eval Method Measure Situ Flex Joint Bolt tensio	58*	12JUL11A	30SEP11		0	139	0	40	0.00	0.00	KOZUB							
1303-014C	Test Flex Conntr Creep/Lost Tension Connect Bolt	53*	19JUL11A	30SEP11		0	139	0	40	0.00	0.00	KOZUB							
1303-014D	Test Carbinite Friction Surface Test Samples	10	26JUL11A	29JUL11A				0	100	0.00	0.00	KOZUB							
FY101303	FY10 Actual Cost	85	01JAN10A	30APR10A	30APR10A			0	100	28,278.00	28,278.00	KOZUB	C						
FY101303A	FY10 Actual Cost	110	03MAY10A	30SEP10A	30SEP10A			0	100	21,454.00	21,454.00	KOZUB	C	81=19.454					
<b>Job: 1304 - Inner TF Bundle (Ds/Fab)-CHRZANOWSKI</b>																			
<b>Final Design</b>																			
FY101304	FY10 Actual Cost	100	01DEC09A	30APR10A	30APR10A			0	100	104,348.00	104,348.00	CHRZANOWSK	C						
FY101304A	FY10 Actual Cost	110	03MAY10A	30SEP10A	30SEP10A			0	100	134,712.00	134,712.00	CHRZANOWSK	C	81=134534					
<b>Inner TF Bundl;e Design</b>																			
<b>Final Design</b>																			
1304-0050	Perform Add'l Friction Stir Weld Trials-Phase II	75	01SEP10A	01OCT10A	01OCT10A			0	100	0.00	0.00	CHRZANOWSK	C	41=49,000 ;					
1304-0060	Fabricate Flex Bus Assy's for Testing (2)	42*	01SEP10A	29OCT10A	29OCT10			0	100	17,500.00	17,500.00	CHRZANOWSK	C	EM//ST =120 ; 41=5,000 ;					
1304-0065	New Insulation Shear R&D Test	43*	16SEP10A	15NOV10A	15NOV10			0	100	27,269.77	27,269.77	CHRZANOWSK	C	41=22,000 ;					
1304-0065B	Second Insulation Shear R&D Test (60k cycle tes	60*	24NOV10A	25FEB11A	25FEB11			0	100	22,680.00	22,680.00	CHRZANOWSK	C	41=18,000 ;					
1304-0065C	Third Insulation Shear R&D Test (60k cycle tes	36*	21FEB11A	11APR11A				0	100	0.00	0.00	CHRZANOWSK	C	41=0 ;					
1304-0065D	CDT Test #3	25*	15AUG11A	19SEP11		0	139	0	70	0.00	0.00	CHRZANOWSK	C	M&S=33k					
1304-0110	Design-Analyze Tension Strap	15	24JUN10A	15JUL10A	15JUL10A			0	100	0.00	0.00	CHRZANOWSK	C						
1304-0130	Complete Analysis if TF Flex Bus	24	26JUL10A	26AUG10A	26AUG10A			0	100	0.00	0.00	CHRZANOWSK	C						
1304-0140	Complete & Check Thermal Stresses	15	16JUL10A	05AUG10A	05AUG10A			0	100	0.00	0.00	CHRZANOWSK	C						
1304-0150	Maintain input to Willards Flex Model (LOE)	191*	24JUN10A	31JAN11A	03JAN11			-20	100	7,250.29	7,250.29	CHRZANOWSK	C	EA//EM =40 ;					
1304-0170	N/R Tooling/Fixturing Calculations	45	31AUG10A	31AUG10A	31AUG10A			0	100	0.00	0.00	CHRZANOWSK	C						
1304-0180	N/R Calculation/Write/Check Files	80	31AUG10A	31AUG10A	31AUG10A			0	100	0.00	0.00	CHRZANOWSK	C						
1304-0190	Analyze Pins & Crown	212*	24JUN10A	29APR11A	15OCT10			-132	100	34,880.73	34,880.73	CHRZANOWSK	C	EA//EM =200 ;					
1304-0210	Pedestal/Lower Skirt/TF Teeth Analysis	186*	02AUG10A	29APR11A	05JAN11			-82	100	36,783.75	36,783.75	CHRZANOWSK	C	EA//EM =200 ;					
1304-0220	Finish Torque for Upper Teeth & Covers Post Proc	182*	02AUG10A	25APR11A	02FEB11			-58	100	7,413.27	7,413.27	CHRZANOWSK	C	EA//EM =40 ;					
1304-0230	DCPS Input	218*	24JUN10A	29APR11A	16FEB11			-52	100	18,354.18	18,354.18	CHRZANOWSK	C	EA//EM =100 ;					
1304-0250	Complete Detail and Assembly CAD Drawings	228*	24JUN10A	29APR11A	29APR11			0	100	68,147.01	68,147.01	CHRZANOWSK	C	EA//SB =560 ;					
1304-0255	Inner TF Bundle - Peer review	0		18MAY11A				0	100	0.00	0.00	CHRZANOWSK	B						
1304-0260	Prepare for FDR	14*	13JUN11A	17JUN11A	20MAY11			-19	100	4,996.40	4,996.40	CHRZANOWSK	C	EA//SB =40 ;					
<b>Fabrication / Assembly</b>																			
1304-0160	Check Willards/Tooling/Fixturing Calculations	74*	15AUG11A	29NOV11	25FEB11	0	139	-192	30	6,936.48	23,121.60	CHRZANOWSK	C	EA//EM =60 ;					

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														FY11	FY12	FY13	FY14	FY15
<b>Manufacture Inner TF Conductor</b>																		
<b>Procurement</b>																		
1304-0460	Generate SOW for TF Conductor	20*	01OCT10A	28OCT10A	28OCT10			0	100	0.00	0.00	CHRZANOWSK	C					
1304-0480	Prep Req for TF Conductor & Submit to Proc	25*	01OCT10A	29OCT10A	04NOV10			4	100	0.00	0.00	CHRZANOWSK	C					
1304-0500	Bid & Award TF Conductor-Copper Extrusions	30*	01DEC10A	19JAN11A	20DEC10			-16	100	0.00	0.00	CHRZANOWSK	C					
1304-0600	Manufacture TF Conductor-Copper Extrusions (56)	157	20JAN11A	30AUG11A	03MAY11			-83	100	304,920.00	304,920.00	CHRZANOWSK	C	41=242,000 ;				
1304-0730	Prep Req to Mach Conductors & Submit to Proc	5	16MAR11A	22MAR11A	22MAR11			0	100	0.00	0.00	CHRZANOWSK	C					
1304-0740	Bid & Award Contract to Machine Conductors	120*	31MAR11A	19SEP11	03MAY11	0	76	-96	75	0.00	0.00	CHRZANOWSK	C					
1304-0750	Machine TF Conductors (Cing Grooves, Lead Areas)	15*	20SEP11	10OCT11	04AUG11	0	85	-46	0	0.00	321,300.00	CHRZANOWSK	C	41=250,000 ; 35=5,000 ;				
1304-0750A	Deliver 1st 25 Machined Conductors	1	15NOV11	15NOV11	30JUN11	9	85	-96	0	0.00	0.00	CHRZANOWSK	C					
1304-0750B	Deliver 2nd 20 Machined Conductors	1	11OCT11	11OCT11	05AUG11	34	110	-46	0	0.00	0.00	CHRZANOWSK	C					
1304-0770	Prep Req for Cu-Cr-Zr TF Lead Extensions	10	16MAR11A	22MAR11A	30MAR11			6	100	0.00	0.00	CHRZANOWSK	C					
1304-0780	Bid & Award TF Lead Extensions	120*	31MAR11A	19SEP11	11MAY11	0	76	-90	75	0.00	0.00	CHRZANOWSK	C					
1304-0790	Fab & Del TF Lead Extensions	50*	20SEP11	30NOV11	03OCT11	0	76	-40	0	0.00	63,015.00	CHRZANOWSK	C	41=50,000 ;				
1304-0830	Prep Req for Friction Stir Welding	5	16MAR11A	22MAR11A	19AUG11			106	100	0.00	0.00	CHRZANOWSK	C					
1304-0840	Bid & Award Friction Stir Welding	120*	31MAR11A	19SEP11	03OCT11	0	126	10	75	0.00	0.00	CHRZANOWSK	C					
1304-0850	Friction Stir-Weld Coil Leads to Conductors	60	01DEC11	01MAR12	05JAN12	0	76	-40	0	0.00	328,950.00	CHRZANOWSK	C	41=250,000 ; 35=5,000 ;				
1304-0850A	Deliver 1st 20 FSW Conductors	1	03FEB12	03FEB12	01DEC11	825	2,150	-40	0	0.00	0.00	CHRZANOWSK	C					
1304-0850B	Deliver 2nd 25 FSW conductors	1	02MAR12	02MAR12	06JAN12	805	2,130	-40	0	0.00	0.00	CHRZANOWSK	C					
1304-0930	Prep Req for Final Conductor Machining	5	16MAR11A	22MAR11A	15NOV11			167	100	0.00	0.00	CHRZANOWSK	C					
1304-0940	Bid & Award Final Conductor Machining	120*	31MAR11A	19SEP11	06JAN12	0	146	71	75	0.00	0.00	CHRZANOWSK	C					
1304-0950	Machine TF Conductors (Fnl Lead Areas & Inserts)	121	06JAN12	25JUN12	02MAR12	4	76	-80	0	0.00	131,580.00	CHRZANOWSK	C	41=100,000 ; 35=2,000 ;				
1304-09502	Receive 2nd Delivery of Final Machined TF Cond	1	01MAR12	01MAR12		0	72	0	0	0.00	0.00	CHRZANOWSK	C					
1304-09503	Receive 3rd Delivery of Final Machined TF Cond	1	02APR12	02APR12		0	72	0	0	0.00	0.00	CHRZANOWSK	C					
1304-09504	Receive 4th Delivery of Final Machined TF Cond	1	01MAY12	01MAY12		0	72	0	0	0.00	0.00	CHRZANOWSK	C					
1304-09505	Receive 5th Delivery of Final Machined TF Cond	1	01JUN12	01JUN12		0	72	0	0	0.00	0.00	CHRZANOWSK	C					
1304-0950A	Receive 1st Delivery of Final Machined TF Cond	1	01FEB12*	01FEB12	20FEB12	0	71	13	0	0.00	0.00	CHRZANOWSK	C					
1304-0950B	Receive Balance offinal Machined TF Cond	1	02JUL12	02JUL12	05MAR12	1	72	-84	0	0.00	0.00	CHRZANOWSK	C					
<b>Other Inner TF Bundle Hardware</b>																		
<b>Procurement</b>																		
1304-1110	Prep Req for C151 (Cu-Zr) for Flex Bus	10	02JAN13*	15JAN13	15JAN13	0	195	0	0	0.00	0.00	CHRZANOWSK	C					
1304-1112	Bid/Award- C151 for Flex Bus	30	16JAN13	26FEB13	26FEB13	0	195	0	0	0.00	0.00	CHRZANOWSK	C					
1304-1114	Fab & Deliver C151 for Flex Bus	40	27FEB13	23APR13	23APR13	110	195	0	0	0.00	39,600.00	CHRZANOWSK	C	41=30,000 ;				
1304-1114A	Prep Req for Flex Bus Solder Bimetal Wafers	10	02JAN13*	15JAN13	15JAN13	0	195	0	0	0.00	0.00	CHRZANOWSK	C	41=34,000 ;				
1304-1114B	Bid/Award- for Flex Bus Solder Bimetal Wafers	30	16JAN13	26FEB13	26FEB13	0	195	0	0	0.00	0.00	CHRZANOWSK	C					
1304-1114C	Fab & Delive- for Flex Bus Solder Bimetal Wafers	40	27FEB13	23APR13	23APR13	110	195	0	0	0.00	39,600.00	CHRZANOWSK	C	41=30,000 ;				
1304-1120	Prep Req for Flex Bus Fabrication	10	05AUG13*	16AUG13	16AUG13	0	85	0	0	0.00	0.00	CHRZANOWSK	C					
1304-1122	Bid/Award Flex Bus Fabrication	30	19AUG13	30SEP13	30SEP13	0	85	0	0	0.00	0.00	CHRZANOWSK	C					
1304-1124	Fab & Deliver Flex Bus	60	01OCT13	06JAN14	06JAN14	60	85	0	0	0.00	153,930.00	CHRZANOWSK	C	41=111 000 ; 35=3,000 ;				
1304-1130	Prep Req for Cu-Cr-Zr (C1815) for OTF Lead Ext	10	01OCT12*	12OCT12	12OCT12	0	138	0	0	0.00	0.00	CHRZANOWSK	C					
1304-1132	Bid/Award Cu-Cr-Zr for OTF Lead Ext	30	15OCT12	27NOV12	27NOV12	0	138	0	0	0.00	0.00	CHRZANOWSK	C					

Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	BASELINE FINISH	Free Float	Total Float	Early Finish Schedule Slip (Days)	% Comp	Earned value cost (BCWP)	BASELINE BUDGET (BAC)	RESP	EVMS Rule	Fiscal Year					
														FY11	FY12	FY13	FY14	FY15	
1304-1134	Fab & Del Cu-Cr-Zr for OTF Lead Ext	60	28NOV12	28FEB13	28FEB13	137	138	0	0	0.00	107,197.92	CHRZANOWSK	C						
1304-1140	Prep Req for OTF Lead Ext (OTF to Flex)	10	04SEP12*	17SEP12	17SEP12	0	137	0	0	0.00	0.00	CHRZANOWSK	C						
1304-1142	Bid/Award OTF Lead Ext (OTF to Flex)	30	18SEP12	29OCT12	29OCT12	0	137	0	0	0.00	0.00	CHRZANOWSK	C						
1304-1144	Fab & Del OTF Lead Ext (OTF to Flex)	80	30OCT12	01MAR13	01MAR13	136	137	0	0	0.00	66,000.00	CHRZANOWSK	C						
1304-1150	Prep Req Prep Req for Supports for OTF Jumpers	10	01OCT12*	12OCT12	12OCT12	0	138	0	0	0.00	0.00	CHRZANOWSK	C						
1304-1152	Bid/Award Supports for OTF Jumpers	30	15OCT12	27NOV12	27NOV12	0	138	0	0	0.00	0.00	CHRZANOWSK	C						
1304-1154	Fab/Deliver Supports for OTF Jumpers	60	28NOV12	28FEB13	28FEB13	137	138	0	0	0.00	66,000.00	CHRZANOWSK	C						
1304-1160	Prep Req Lower TF Coil to Bus Jump & Supp	10	03DEC12*	14DEC12	14DEC12	0	115	0	0	0.00	0.00	CHRZANOWSK	C						
1304-1162	Bid/Award Lower TF Coil to Bus Jump & Supp	30	17DEC12	05FEB13	05FEB13	0	115	0	0	0.00	0.00	CHRZANOWSK	C						
1304-1164	Fab & Deliver Lower TF Coil to Bus Jump & Supp	40	06FEB13	02APR13	02APR13	114	115	0	0	0.00	31,680.00	CHRZANOWSK	C						
1304-1170	Prep Spec for Super Bolts	10	03SEP13*	16SEP13	16SEP13	0	25	0	0	0.00	0.00	CHRZANOWSK	C						
1304-1172	Bid/Award Super Bolts	30	17SEP13	28OCT13	28OCT13	0	25	0	0	0.00	0.00	CHRZANOWSK	C						
1304-1174	Fab & Deliver Super Nuts	100	29OCT13	31MAR14	31MAR14	0	25	0	0	0.00	205,414.88	CHRZANOWSK	C						
1304-1180	Prep Req Joint Hardware	10	02NOV12*	15NOV12	15NOV12	0	144	0	0	0.00	0.00	CHRZANOWSK	C						
1304-1182	Bid/Award Joint Hardware	30	16NOV12	09JAN13	09JAN13	0	144	0	0	0.00	0.00	CHRZANOWSK	C						
1304-1184	Fab & Deliver Joint Hardware	30	10JAN13	20FEB13	20FEB13	143	144	0	0	0.00	34,412.64	CHRZANOWSK	C						
1304-1190	Prep Spec Copper for Lead Ext for Upper ITF	10	02OCT12*	15OCT12	15OCT12	0	137	0	0	0.00	0.00	CHRZANOWSK	C						
1304-1192	Bid/Award - Copper Lead Ext for Upper ITF	30	16OCT12	28NOV12	28NOV12	0	137	0	0	0.00	0.00	CHRZANOWSK	C						
1304-1194	Fab & Deliver Copper Lead Ext for Upper ITF	60	29NOV12	01MAR13	01MAR13	136	137	0	0	0.00	35,825.28	CHRZANOWSK	C						
1304-1210	Prep Req for Up/Lwr OF to TF Supp Struct	10	02OCT12*	15OCT12	15OCT12	0	137	0	0	0.00	0.00	CHRZANOWSK	C						
1304-1212	Bid/Award Up/Lwr OH to TF Supp Struct	30	16OCT12	28NOV12	28NOV12	0	137	0	0	0.00	0.00	CHRZANOWSK	C						
1304-1214	Fab & Del Up/Lwr OH to TF Supp Struct	60	29NOV12	01MAR13	01MAR13	136	137	0	0	0.00	39,600.00	CHRZANOWSK	C						
1304-1220	Pre Req for Cooling Fittings	10	02OCT12*	15OCT12	15OCT12	0	177	0	0	0.00	0.00	CHRZANOWSK	C						
1304-1222	Bid/Award Cooling Fittings	30	16OCT12	28NOV12	28NOV12	0	177	0	0	0.00	0.00	CHRZANOWSK	C						
1304-1224	Fab & Deliver Cooling Fittings	20	29NOV12	04JAN13	04JAN13	176	177	0	0	0.00	8,012.64	CHRZANOWSK	C						
1304-1230	Prep Req for Tooling for Inst Flex Bus Segments	10	02OCT12*	15OCT12	15OCT12	0	147	0	0	0.00	0.00	CHRZANOWSK	C						
1304-1232	Bid/Award-Tooling for Inst Flex Bus segments	30	16OCT12	28NOV12	28NOV12	0	147	0	0	0.00	0.00	CHRZANOWSK	C						
1304-1234	Fab/Del Tooling for Inst Flex Bus Segments	50	29NOV12	15FEB13	15FEB13	146	147	0	0	0.00	44,188.80	CHRZANOWSK	C						
1304-1240	Prep req for Up/Lwr Teeth Interf Struct	10	10SEP12*	21SEP12	21SEP12	0	153	0	0	0.00	0.00	CHRZANOWSK	C						
1304-1242	Bid/Award Up/Lwr Teeth Interf Struct	30	24SEP12	02NOV12	02NOV12	0	153	0	0	0.00	0.00	CHRZANOWSK	C						
1304-1244	Fab & Deliver Up/Lwr Teeth Interf Struct	60	05NOV12	07FEB13	07FEB13	152	153	0	0	0.00	66,000.00	CHRZANOWSK	C						
<b>Job: 1305 - OHMIC Heating Coil (OH)-CHRZANOWSKI</b>																			
Final Design																			
FY091310	FY09 Actual Cost	22*	23FEB09A	30SEP09A	30SEP09A			0	100	1,051,480.00	1,051,480.00	CHRZANOWSK	C						
FY091315	FY09 Actual Cost	22*	23FEB09A	30SEP09A	30SEP09A			0	100	4,085.00	4,085.00	CHRZANOWSK	C						
FY101305	FY10 Actual Cost	85	01JAN10A	30APR10A	30APR10A			0	100	168,034.00	168,034.00	CHRZANOWSK	C						
FY101305A	FY10 Actual Cost	110	03MAY10A	30SEP10A	30SEP10A			0	100	101,411.00	101,411.00	CHRZANOWSK	C	81=103106					
Design																			
Final Design																			
1305-0100	Finalize Calcs on OH Flow Optimization	25	24JUN10A	29JUL10A	29JUL10A			0	100	0.00	0.00	CHRZANOWSK	C						

Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target 1 Early Finish	Schedule Slip (Days)	Total Float	Budgeted Cost	PPCT	% Comp	R/C % Complete	FY				
												FY11	FY12	FY13	FY14	FY15
9417*NUL	FY10 Actual Cost	110	01JUN10A	30SEP10A	30SEP10A	0		12,934.00	100	100		54X=12934				
FY09NNUL	FY09 Actual Cost	22*	23FEB09A	30SEP09A	30SEP09A	0		158,969.00	100	100						
<b>Job; 8200 - CS &amp; Coil Sprt Struc Install- PERRY</b>																
Subtotal		1,222	02NOV09A	30SEP14	30SEP14	0	1,487	6,472,034.88		2	1					
<b>Close Vessel and Pumpdown</b>																
FY108200	FY10 Actual Cost	123	02NOV09A	30APR10A	30APR10A	0		19,070.00	100	100						
FY108200A	FY10 Actual Cost	110	03MAY10A	30SEP10A	30SEP10A	0		6,473.00	100	100		81=19619				
<b>Management/Oversight/supervision</b>																
8200-0000A	Designs for Construction Power	0	01AUG11A	12AUG11A		0		0.00	100	100						
8200-0000B	Write Procedures for Construction Power	25*	12AUG11A	16SEP11		0	1,600	0.00	50	50						
8200-0000C	Assemble Carts & Install Construction Power	39*	22AUG11A	14OCT11		0	1,600	0.00	70	70						
8200-0002	Designs complete	0	03APR12*			0	139	0.00	0	0						
8200-0003	Sequence complete	0	03APR12*			0	139	0.00	0	0						
8200-0004	Parts arrived	0	03APR12*			0	139	0.00	0	0						
8200-0005	Start procedural development	0	03APR12*			0	139	0.00	0	0						
8200-0006	Mobilize crews	0	03APR12*			0	139	0.00	0	0						
8200-0010	Shop Fabrication oversight 20% FTE for duration	622	03APR12*	30SEP14	30SEP14	0	1,487	152,188.51	0	0		0.2 fte				
8200-0011	Shop Fabrication support 1.5 FTE for duration	622	03APR12*	30SEP14	30SEP14	0	1,487	719,690.36	0	0		1.5 fte				
8200-0012	Assembly oversight prior to outage (fy10 & fy11)	377*	03MAY10A	31OCT11	31OCT11	0	218	63,100.49	LOE	89	89	408hrs Viola				
8200-0012A	Assembly oversight 1 FTE Engr	125	05APR12*	01OCT12	01OCT12	0	1,487	121,864.27	0	0		.8 FTE Viola				
8200-0012B	Assembly oversight 0.6 FTE Engr	312	02OCT12*	13JAN14	13JAN14	0	1,487	307,786.97	0	0		0.8 fte Viola				
8200-0012C	Assembly oversight 1 FTE Engr	183	14JAN14*	30SEP14	30SEP14	0	1,487	208,719.16	0	0		.8 fte Viola				
8200-0013	Assembly oversight 1 FTE SM	620	05APR12*	30SEP14	30SEP14	0	1,487	762,210.43	0	0		1.0 fte EM//SM				
8200-0014	Title 3 Support Engineer	622	03APR12*	30SEP14	30SEP14	0	1,487	186,516.75	0	0		EM//EM = 25fte ;				
8200-0015	Title 3 Support Drafting	622	03APR12*	30SEP14	30SEP14	0	1,487	73,180.71	0	0		EA//SB = 518 ;				
8200-0016	OT for efficiency (2 crews 1 weekend a month)	622	03APR12*	30SEP14	30SEP14	0	1,487	264,376.43	0	0		31=\$127k 2x2x2x8x595/21x10				
8200-0017	MISC M&S \$250 per day* 2 crews	622	03APR12*	30SEP14	30SEP14	0	1,487	212,141.48	0	0		41=160000 ;				
8200-0020	PREPARE WORK PLANNING FORM	3	01NOV11*	03NOV11	03NOV11	0	218	4,163.76	0	0		EM//EM = 24 ;				
8200-0021	Fab/AssyInstallation Procedure	20	04NOV11*	05DEC11	05DEC11	0	218	27,758.40	0	0		EM//EM = 160 ;				
<b>Bay by Bay Diagnostic Catalogue</b>																
8200-0026	Perform bay by bay catalogue and label Elect	12	03OCT11*	18OCT11	18OCT11	0	193	16,567.68	0	0		EM//SM = 96 ;				


Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target 1 Early Finish	Schedule Slip (Days)	Total Float	Budgeted Cost	PPCT	% Comp	R/C % Complete	FY						
												FY11	FY12	FY13	FY14	FY15		
8200-0027	Perform bay by bay catalogue and label Mech	12	19OCT11*	03NOV11	03NOV11	0	193	16,567.68		0								
8200-0028	Write removal procedures	60	04NOV11	07FEB12	07FEB12	0	193	82,838.40		0								
8200-0028A	RF Line develop as-built assy drawing	99*	14FEB11A	31MAY11A	28OCT11	106		14,989.20	100	100	100							
8200-0029	Remove RF pipes	20	03APR12*	30APR12	30APR12	0	195	154,331.60		0								
8200-0030	Write Electrical Removal & Installation Procedur	20	03OCT11*	28OCT11	28OCT11	0	242	13,806.40		0								
8200-0031	Safe, remove and store Elect	15	03APR12*	23APR12	23APR12	0	139	32,637.00		0								
8200-0032	Upper Tray remove and store Elect	20	24APR12	21MAY12	21MAY12	0	180	43,516.00		0								
8200-0033	Remove and store Mech	10	22MAY12*	05JUN12	05JUN12	0	119	43,516.00		0								
8200-0034	Remove and store Upper and lower port eqpt	18	06JUN12*	29JUN12	29JUN12	0	122	39,164.40		0								
8200-0035	Remove section of platform	10	01AUG12*	14AUG12	14AUG12	0	101	43,516.00		0								
8200-0036	Fiducialize Coil and Vacuum vessel	20	15AUG12	12SEP12	12SEP12	0	101	45,164.80		0								
<b>Equipment Removals</b>																		
8200-0039	Remove insulation	15	02JUL12*	23JUL12	23JUL12	0	101	32,637.00		0								
8200-0040	Gas Injection System	15	24JUL12	13AUG12	13AUG12	0	101	32,637.00		0								
8200-0041	Disconnect trim coil and lock mode coil	2	14AUG12	15AUG12	15AUG12	0	101	4,351.60		0								
8200-0042	Remove trim coil and lock mode coil	4	16AUG12	21AUG12	21AUG12	0	101	8,703.20		0								
8200-0043	Clear platform and area to remove bad TF	10	22AUG12	05SEP12	05SEP12	0	101	21,758.00		0								
8200-0044	Remove bad TF	5	06SEP12	12SEP12	12SEP12	0	101	21,758.00		0								
<b>LLD Removal/Original Outer Divertor re-install</b>																		
8200-1001	Remove LLD	20	13SEP12	10OCT12	10OCT12	0	433	43,882.40		0								
8200-1004	Machine original OD tiles for Diag sensors	10	01OCT13*	14OCT13	14OCT13	0	193	9,187.20		0								
8200-1008	Re-install Diag sensors into original OD tiles	10	15OCT13*	28OCT13	28OCT13	0	193	22,968.00		0								
8200-1012	Install original OD tiles and supports	20	24MAR14*	18APR14	07MAY14	13	99	45,936.00		0								
<b>Upper Half</b>																		
8200-0048	Umbrella Lid Remove existing	1	13SEP12	13SEP12	13SEP12	0	101	6,931.60		0								
8200-0048A	Umbrella lid weld new rim	12	27SEP13	14OCT13	14OCT13	0	67	30,101.20		0								
8200-0049	VV Umbrella legs Weld reinforcement plates	24	15OCT13	15NOV13	15NOV13	0	67	55,123.20		0								
8200-0050	VV umbrella legs Remove existing Hardware	5	18NOV13	22NOV13	22NOV13	0	67	11,484.00		0								
8200-0051	Umbrella legs add reinforcement plate	5	25NOV13	03DEC13	03DEC13	0	67	11,484.00		0								
8200-0052	TF Install Datums & Remove turnbuckles	8	25MAR13	03APR13	03APR13	0	62	17,772.80		0								
8200-0052A	TF U&L Remove Existing clevis bolts	12	04APR13	19APR13	19APR13	0	62	26,659.20		0								

FY11	FY12	FY13	FY14	FY15
	EM//SM =96 ;			
	EM//SM =480 ;			
	ea//sb=120			
	ea//em ellis=60 ee//sb damico=200 em//sb miller=400			
	EM//SM =80 ;			
	EM//ST =300 ;			
	EM//ST =400 ;			
	EM//ST =400 ;			
	EM//ST =360 ;			
	EM//ST =400 ;			
	EM//EM =160 ; EM//ST =160 ;			
	EM//ST =300 ;			
	EM//ST =300 ;			
	EM//ST =40 ;			
	EM//ST =80 ;			
	EM//ST =200 ;			
	EM//ST =200 ;			
	EM//ST = 400			
			EM//ST = 80 ;	
			EM//ST = 200	
			EM//ST = 400	
			EM//ST =40 ; 41=2,000 ;	
			EM//ST =240 ; 41=2,000 ;	
			EM//ST =480 ;	
			EM//ST =100 ;	
			EM//ST =100 ;	
			EM//ST =160 ;	
			EM//ST =240 ;	

Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target 1 Early Finish	Schedule Slip (Days)	Total Float	Budgeted Cost	PPCT	% Comp	R/C % Complete	FY									
												FY11	FY12	FY13	FY14	FY15					
8200-0052B	TF reinforce clevis	12	22APR13	07MAY13	07MAY13	0	62	26,659.20		0							EM//ST =240 ;				
8200-0052C	TF Install new TF wet layup & clamp	9	08MAY13	20MAY13	20MAY13	0	62	19,994.40		0							EM//ST =180 ;				
8200-0053	TF Install new clamps	12	21MAY13	06JUN13	06JUN13	0	62	26,659.20		0							EM//ST =240 ;				
8200-0054	TF Install Vessel Ties & Align	18	07JUN13	02JUL13	02JUL13	0	62	39,988.80		0							EM//ST =360 ;				
8200-0055	TF Install new hoop brace	12	03JUL13	22JUL13	22JUL13	0	62	26,659.20		0							EM//ST =240 ;				
8200-0056	TF Align and match drill new hoop brace	18	23JUL13	15AUG13	15AUG13	0	62	39,988.80		0							EM//ST =360 ;				
8200-0057	TF Install and torque all bolts	8	16AUG13	27AUG13	27AUG13	0	62	17,772.80		0							EM//ST =160 ;				
8200-0058	Design & build lifting method	16	03OCT11*	24OCT11	24OCT11	0	323	111,948.96		0							EM//ST =384 ; EM//EM =128 ; EM/ST =41=10,000 ; EA//SB =256 ;				
8200-0059	PF2 Mark Location: lift and support	1	14SEP12	14SEP12	14SEP12	0	101	2,175.80		0							EM//ST =20 ;				
8200-0060	PF2 Replace existing hardware (bolted)	1	26NOV12	26NOV12	26NOV12	0	53	2,221.60		0							EM//ST =20 ;				
8200-0061	PF2 Install New plates (bolted)	4	27NOV12	30NOV12	30NOV12	0	53	8,886.40		0							EM//ST =80 ;				
8200-0062	PF2 weld reinforcement	8	03DEC12	12DEC12	12DEC12	0	53	17,772.80		0							EM//ST =160 ;				
8200-0063	PF2 Reinstall & Realign	2	13DEC12	14DEC12	14DEC12	0	53	4,443.20		0							EM//ST =40 ;				
8200-0064	PF3 lift and support	2	17DEC12	18DEC12	18DEC12	0	53	4,443.20		0							EM//ST =40 ;				
8200-0065	PF3 remove bolted support	1	19DEC12	19DEC12	19DEC12	0	53	2,221.60		0							EM//ST =20 ;				
8200-0066	PF3 Install new bolted support	8	20DEC12	09JAN13	09JAN13	0	53	17,772.80		0							EM//ST =160 ;				
8200-0067	PF3 weld reinforcement	18	10JAN13	04FEB13	04FEB13	0	274	39,988.80		0							EM//ST =360 ;				
8200-0068	PF3 Reinstall & Realign	3	05FEB13	07FEB13	07FEB13	0	274	8,886.40		0							EM//ST =80 ;				
8200-0069	PF5U/L Disconnect existing midplane columns	4	10JAN13	15JAN13	15JAN13	0	53	8,886.40		0							EM//ST =80 ;				
8200-0070	PF4, 5 lift and install 1/4" plate	8	16JAN13	25JAN13	25JAN13	0	53	17,772.80		0							EM//ST =160 ;				
8200-0071	PF4, 5 Install newbolts and torque	6	28JAN13	04FEB13	04FEB13	0	53	13,329.60		0							EM//ST =120 ;				
8200-0072	Prefit & match drill new umbrella lid	10	05FEB13	18FEB13	18FEB13	0	53	44,432.00		0							EM//ST =400 ;				
<b>Lower Half</b>																					
8200-0076	Umbrella Lid Remove existing	1	27NOV12	27NOV12	27NOV12	0	103	4,443.20		0							EM//ST =40 ;				
8200-0076A	Umbrella Lid weld new rim	12	24JUN13	11JUL13	11JUL13	0	57	29,299.20		0							EM//ST =240 ;				
8200-0077	TF Install new clamps	12	01OCT13*	16OCT13	16OCT13	0	39	27,561.60		0							EM//ST =240 ;				
8200-0078	TF Install Vessel ties & Align	18	17OCT13	11NOV13	11NOV13	0	39	41,342.40		0							EM//ST =360 ;				
8200-0079	TF Install new hoop brace	12	12NOV13	27NOV13	27NOV13	0	39	27,561.60		0							EM//ST =240 ;				
8200-0080	TF Align and match drill new hoop brace	18	02DEC13	06JAN14	06JAN14	0	39	41,342.40		0							EM//ST =360 ;				
8200-0081	TF Install and torque all bolts	8	07JAN14	16JAN14	16JAN14	0	39	18,374.40		0							EM//ST =160 ;				





Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target 1 Early Finish	Schedule Slip (Days)	Total Float	Budgeted Cost	PPCT	% Comp	R/C % Complete	FY							
												FY11	FY12	FY13	FY14	FY15			
8200-0112	Fit and Install PF 1a, 1b, 1c U&L buswork	15	02OCT13*	22OCT13	22OCT13	0	33	34,452.00		0							EM//ST =300 ;		
8200-0113	Fit and Install OH U&L buswork	15	23OCT13	12NOV13	12NOV13	0	33	34,452.00		0							EM//ST =300 ;		
8200-0114	Install CHI & Ring bus	8	13NOV13	22NOV13	22NOV13	0	33	18,374.40		0							EM//ST =160 ;		
8200-0115	Install TF coil cooling system (72)	3	25NOV13	27NOV13	27NOV13	0	33	6,890.40		0							EM//ST =60 ;		
8200-0116	Install Inboard Divertor heating/cooling system	15	02DEC13	20DEC13	20DEC13	0	33	34,452.00		0							EM//ST =300 ;		
8200-0117	New TF air cooled bus and support system	25	02JAN14	05FEB14	05FEB14	0	33	57,420.00		0							EM//ST =500 ;		
<b>Reinstall Equipment</b>																			
8200-0120	Gas Injection System	15	24MAR14	11APR14	30APR14	13	1	68,904.00		0								EM//ST =600 ;	
8200-0121	Reinstall insulation	10	14APR14	25APR14	14MAY14	13	1	22,968.00		0								EM//ST =200 ;	
8200-0122	Platform areas reinstall	10	28APR14	09MAY14	29MAY14	13	1	45,936.00		0								EM//ST =400 ;	
8200-0123	Heating Manifold Reconfigure	10	06FEB14	19FEB14	19FEB14	0	86	56,718.00		0								EM//ST =200 ; 41=25,000	
8200-0124	Re-install RF pipes	30	28APR14*	09JUN14	26JUN14	13	64	243,575.20		0								ea//em ellis=80; ee//sb damico=300 em//sb miller=600	
8200-0125	Reinstall electrical Tray	40	12MAY14	08JUL14	25JUL14	13	1	91,872.00		0								EM//ST =800 ;	
<b>Bay by Bay Diagnostic</b>																			
8200-0130	Perform bay by bay review Elect	2	27MAR14	28MAR14	28MAR14	0	24	7,287.20		0								EM//SM =40 ;	
8200-0131	Perform bay by bay review Mech	2	31MAR14	01APR14	01APR14	0	24	7,287.20		0								EM//SM =40 ;	
8200-0132	Write reinstallation procedures	5	02APR14	08APR14	08APR14	0	24	18,218.00		0								EM//SM =100 ;	
8200-0133	Reinstall Mech	10	09APR14	22APR14	22APR14	0	24	36,748.80		0								EM//ST =320 ;	
8200-0134	Reinstall Upper and lower port Eqpt	18	23APR14	16MAY14	16MAY14	0	24	66,147.84		0								EM//ST =576 ;	
8200-0135	Reinstall Elect	10	09JUL14	22JUL14	08AUG14	13	1	22,968.00		0								EM//ST =200 ;	
8200-0136	Testing	10	23JUL14	05AUG14	22AUG14	13	1	22,968.00		0								EM//ST =200 ;	
<b>Job: 8250 - Remove/Install Centerstack-PERRY</b>																			
Subtotal		480	01OCT12	08SEP14	22AUG14	-10	1	1,173,571.12		0									
<b>Remove Old Centerstack</b>																			
8250-101	Disconnect Hoses	1	02JAN13*	02JAN13	02JAN13	0	161	4,967.20		0								EM//ST =32 ; EM//SM =08 ;	
8250-105	Remove umbrella lid (top and bottom)	1	03JAN13	03JAN13	03JAN13	0	161	4,967.20		0								EM//ST =32 ; EM//SM =08 ;	
8250-109	Remove flex bus (top and bottom)	6	04JAN13	11JAN13	11JAN13	0	161	40,466.88		0								EM//ST =288 ; EM//SM =48 ;	
8250-113	Support lower support structure	4	14JAN13	17JAN13	17JAN13	0	161	26,977.92		0								EM//ST =192 ; EM//SM =32 ;	
8250-117	lift old centerstack	2	18JAN13	21JAN13	21JAN13	0	161	13,488.96		0								EM//ST =96 ; EM//SM =16 ;	
8250-121	Remove old centerstack pedestal	5	22JAN13	28JAN13	28JAN13	0	212	20,392.80		0								EM//ST =120 ; EM//SM =40 ;	
8250-122	Purchase passive plate bolts	65	17OCT12	28JAN13	28JAN13	0	212	63,360.00		0								41=\$48,000	