

Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY				
										FY11	FY12	FY13	FY14	
NSTX Upgrade Project														
Subtotal		634	14SEP11A	04APR14	04APR14	0	0	3,517,474.09						
Job: 1304 - Inner TF Bundle (Ds/Fab)-CHRZANOWSKI														
Manufacture Inner TF Conductor														
Procurement														
1304-0790	Fab & Del TF Lead Extensions	1	30SEP11A	30SEP11A	30SEP11A		100	0.00	F					
1304-0850	Friction Stir-Weld Coil Leads to Conductors	1	14SEP11A	14SEP11A	14SEP11A		100	0.00	F					
1304-0950	Machine TF Conductors (Fnl Lead Areas & Inserts)	1	14SEP11A	14SEP11A	14SEP11A		100	0.00	F					
1304-0950A	Receive & inspect Quadrant #1 (Conductors 1 & 2)	1	20APR12	20APR12	20APR12	25	0	119,136.32	F					
Job: 1305 - OHMIC Heating Coil (OH)-CHRZANOWSKI														
TF/OH Material Procurements														
Procurement														
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					
OH Conductor & Other Hardware														
Procurement														
1305-1080	Bid & Award G-10 Fillers	30	13AUG12	24SEP12	24SEP12	7	0	0.00	E					
1305-1100	Fab & Deliver G-10 Filers	60	25SEP12	19DEC12	19DEC12	7	0	42,000.00	C					
1305-3200	G-10 Filler modifications	40	20DEC12	22FEB13	22FEB13	7	0	15,928.50	C					
Inner TF Conductor Receipt/Inspection/Prep														
Fabrication / Assembly														
1304-1330	Solder cooling tubes Quadrant#1 (Conductors 1&2)	6	23APR12	30APR12	30APR12	25	0	9,217.92	E					
1304-13302	Solder cooling tubes Quadrant#1 (Conductors 3&4)	4	04MAY12	09MAY12	09MAY12	25	0	6,145.28	E					
1304-13303	Solder cooling tubes Quadrant#1 (Conductors 5-9)	10	15MAY12	29MAY12	29MAY12	25	0	15,363.20	E					
1304-13304	Solder TF cooling tubes Quadrant#2	18	07JUN12	02JUL12	02JUL12	25	0	27,653.76	E					
1304-1340	Cleanup TF conductors-post solder Quadrant#1(1&2)	2	01MAY12	02MAY12	02MAY12	25	0	3,072.64	E					
1304-13402	Cleanup TF conductors-post solder Quadrant#1(3&4)	2	10MAY12	11MAY12	11MAY12	25	0	3,072.64	E					
1304-13403	Cleanup TF conductors-post solder Quadrant#1(5-9)	5	30MAY12	05JUN12	05JUN12	25	0	7,681.60	E					
1304-13404	Cleanup TF conductors-post solder Quadrant#2	9	03JUL12	16JUL12	16JUL12	25	0	13,826.88	E					
1304-13405	Transfer TF conductor CS Coil Area Quadrnt#1(3&4)	1	14MAY12	14MAY12	14MAY12	25	0	2,304.48	E					
1304-13406	Transfer TF conductor CS Coil Area Quadrnt#1(5-9)	1	06JUN12	06JUN12	06JUN12	25	0	2,304.48	E					
1304-13407	Transfer TF conductor CS Coil Area Quadrnt#2	1	17JUL12	17JUL12	17JUL12	25	0	2,304.48	E					
1304-13408	Solder TF cooling tubes Quadrant#3	18	18JUL12	10AUG12	10AUG12	26	0	27,653.76	E					
1304-13409	Cleanup TF conductors-post solder Quadrant#3	9	13AUG12	23AUG12	23AUG12	26	0	13,826.88	E					
1304-1340A	Transfer TF conductor CS Coil Area Quadrnt#1(1&2)	1	03MAY12	03MAY12	03MAY12	25	0	2,304.48	E					
1304-13410	Transfer TF conductor CS Coil Area Quadrnt#3	1	24AUG12	24AUG12	24AUG12	26	0	2,304.48	E					
1304-13411	Solder TF cooling tubes Quadrant#4	18	27AUG12	20SEP12	20SEP12	27	0	27,653.76	E					
1304-13412	Cleanup TF conductors-post solder Quadrant#4	9	21SEP12	03OCT12	03OCT12	27	0	13,931.04	E					

Data Date Run Date	31MAR12 20APR12 10:47	1204 EVMS Rule A = LOE K = Planning Pkg B = Milestone C = % Complete E = 50 - 50, F = 0-100	NSTX UPGRADES March 31, 2012 Status Critical Path	Sheet 1 of 6	
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Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY				
										FY11	FY12	FY13	FY14	
1304-13413	Transfer TF conductor CS Coil Area Quadrant#4	1	04OCT12	04OCT12	04OCT12	27	0	2,356.56	E			EM//tb =24 ;		
1304-1350	Sandblast Quadrant#1 Conductors (Clean & Bag)	12	04MAY12	21MAY12	21MAY12	40	0	18,435.84	E			EM//tb =192 ;		
1304-13502	Sandblast Quadrant#2 Conductors (Clean & Bag)	10	18JUL12	31JUL12	31JUL12	25	0	15,363.20	E			EM//tb =160 ;		
1304-13503	Sandblast Quadrant#3 Conductors (Clean & Bag)	10	27AUG12	10SEP12	10SEP12	26	0	15,363.20	E			EM//tb =160 ;		
1304-13504	Sandblast Quadrant#4 Conductors (Clean & Bag)	10	05OCT12	18OCT12	18OCT12	27	0	15,710.40	E			EM//tb =160 ;		
1304-13602	Apply Primer & Cure Quadrant#2 Conductors	3	01AUG12	03AUG12	03AUG12	25	0	4,608.96	E			EM//tb =48 ;		
1304-13603	Apply Primer & Cure Quadrant#3 Conductors	3	11SEP12	13SEP12	13SEP12	26	0	4,608.96	E			EM//tb =48 ;		
1304-13604	Apply Primer & Cure Quadrant#4 Conductors	3	19OCT12	23OCT12	23OCT12	27	0	4,713.12	E			EM//tb =48 ;		
1304-13605	Transfer to Insulating Area Quadrant#2 Conductor	1	06AUG12	06AUG12	06AUG12	25	0	2,304.48	E			EM//tb =24 ;		
1304-13606	Transfer to Insulating Area Quadrant#3 Conductor	1	14SEP12	14SEP12	14SEP12	26	0	2,304.48	E			EM//tb =24 ;		
1304-13607	Transfer to Insulating Area Quadrant#4 Conductor	1	24OCT12	24OCT12	24OCT12	27	0	2,356.56	E			EM//tb =24 ;		
Inner TF Quadrant 1														
Fabrication / Assembly														
1304-1520	Apply turn insulation Quadrant #1	6	11JUN12	18JUN12	18JUN12	31	0	18,435.84	E			EM//tb =192 ;		
1304-1530	Assemble Quadrant #1	10	19JUN12	02JUL12	02JUL12	31	0	38,408.00	E			EM//tb =400 ;		
1304-1540	Prepare VPI operation	3	03JUL12	06JUL12	06JUL12	31	0	9,217.92	E			EM//tb =96 ;		
1304-1550	VPI- fill quadrant #1	2	09JUL12	10JUL12	10JUL12	31	0	6,145.28	E			EM//tb =64 ;		
1304-1560	Cure VPI'd coil	8	11JUL12	20JUL12	20JUL12	31	0	6,145.28	E			EM//tb =64 ;		
1304-1570	Remove Quadrant #1 from mold	1	23JUL12	23JUL12	23JUL12	31	0	3,072.64	E			EM//ST =32 ;		
1304-1580	Cleanup quadrant	3	24JUL12	26JUL12	26JUL12	31	0	4,608.96	E			EM//tb =48 ;		
1304-1590	Perform T/T electrical tests	1	27JUL12	27JUL12	27JUL12	31	0	1,536.32	E			EM//tb =16 ;		
Inner TF Quadrant 2														
Fabrication / Assembly														
1304-1620	Apply turn insulation Quadrant #2	5	07AUG12	13AUG12	13AUG12	25	0	15,363.20	E			EM//tb =160 ;		
1304-1630	Assemble Quadrant #2	6	14AUG12	21AUG12	21AUG12	25	0	23,044.80	E			EM//tb =240 ;		
1304-1640	Prepare VPI operation	3	22AUG12	24AUG12	24AUG12	25	0	9,217.92	E			EM//tb =96 ;		
1304-1650	VPI- fill quadrant	2	27AUG12	28AUG12	28AUG12	25	0	6,145.28	E			EM//tb =64 ;		
1304-1660	Cure VPI'd coil	8	29AUG12	10SEP12	10SEP12	25	0	6,145.28	E			EM//tb =64 ;		
1304-1670	Remove Quadrant #2 from mold	1	11SEP12	11SEP12	11SEP12	25	0	3,072.64	E			EM//tb =32 ;		
1304-1680	Cleanup quadrant	3	12SEP12	14SEP12	14SEP12	25	0	4,608.96	E			EM//tb =48 ;		
1304-1690	Perform T/T electrical tests	1	17SEP12	17SEP12	17SEP12	25	0	1,536.32	E			EM//tb =16 ;		
Inner TF Quadrant 3														
Fabrication / Assembly														
1304-1720	Apply turn insulation Quadrant #3	5	18SEP12	24SEP12	24SEP12	25	0	15,363.20	E			EM//tb =160 ;		
1304-1730	Assemble Quadrant #3	6	25SEP12	02OCT12	02OCT12	25	0	23,218.40	E			EM//tb =240 ;		
1304-1740	Prepare VPI operation	3	03OCT12	05OCT12	05OCT12	25	0	9,426.24	E			EM//tb =96 ;		
1304-1750	VPI- fill quadrant	2	08OCT12	09OCT12	09OCT12	25	0	6,284.16	E			EM//tb =64 ;		
1304-1760	Cure VPI'd coil	8	10OCT12	19OCT12	19OCT12	25	0	6,284.16	E			EM//tb =64 ;		
1304-1770	Remove Quadrant #3 from mold	1	22OCT12	22OCT12	22OCT12	25	0	3,142.08	E			EM//tb =32 ;		
1304-1780	Cleanup quadrant	3	23OCT12	25OCT12	25OCT12	25	0	4,713.12	E			EM//tb =48 ;		
1304-1790	Perform T/T electrical tests #4	1	26OCT12	26OCT12	26OCT12	25	0	1,571.04	E			EM//tb =16 ;		

Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY											
										FY11	FY12	FY13	FY14								
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												EM//tb =160 ;
1304-1840	Prepare VPI operation	3	13NOV12	15NOV12	15NOV12	25	0	9,426.24	E												EM//tb =240 ;
1304-1850	VPI- fill quadrant	2	16NOV12	19NOV12	19NOV12	25	0	6,284.16	E												EM//tb =96 ;
1304-1860	Cure VPI'd coil	8	20NOV12	03DEC12	03DEC12	25	0	6,284.16	E												EM//tb =64 ;
1304-1870	Remove Quadrant #4 from mold	1	04DEC12	04DEC12	04DEC12	25	0	1,571.04	E												EM//tb =64 ;
1304-1880	Cleanup quadrant	3	05DEC12	07DEC12	07DEC12	25	0	4,713.12	E												EM//tb =16 ;
1304-1890	Perform T/T electrical tests	1	10DEC12	10DEC12	10DEC12	25	0	1,571.04	E												EM//tb =48 ;
																					EM//tb =16 ;
Inner TF Coil Assemble Quadrants																					
Fabrication / Assembly																					
1304-4800	Assemble quadrants together	7	11DEC12	19DEC12	19DEC12	25	0	27,493.20	E												EM//tb =280 ;
1304-4900	Apply groundwrap insulation	3	20DEC12	02JAN13	02JAN13	25	0	4,713.12	E												EM//tb =48 ;
1304-4902	Assemble Mold	5	03JAN13	09JAN13	09JAN13	25	0	11,782.80	E												EM//tb =120 ;
1304-5000	Prepare VPI operation	3	10JAN13	14JAN13	14JAN13	25	0	9,426.24	E												EM//tb =96 ;
1304-5100	VPI full TF coil	2	15JAN13	16JAN13	16JAN13	25	0	6,284.16	E												EM//tb =64 ;
1304-5200	Cure VPI'd coil	8	17JAN13	28JAN13	28JAN13	25	0	6,284.16	E												EM//tb =64 ;
1304-5300	Remove full TF from mold and cleanup	1	29JAN13	29JAN13	29JAN13	25	0	1,571.04	E												EM//tb =16 ;
1304-5400	Perform Final electrical tests	1	30JAN13	30JAN13	30JAN13	25	0	1,571.04	E												EM//tb =16 ;
Sandblast Priming of OH Conductors																					
Fabrication / Assembly																					
1305-S/P04	Procure portable sandblast unit	10	01OCT12	12OCT12	12OCT12	0	0	25,607.60	E												EA//EM=8hrs;M&S=20k
1305-S/P06	Fab supp struct or OH Conductor	10	15OCT12	26OCT12	26OCT12	0	0	37,420.80	E												EM//tB=320hrs;M&S=5k
1305-S/P08	Fabricate sandblast enclosure	15	29OCT12	16NOV12	16NOV12	0	0	23,161.60	E												EM//tB=160hrs;M&S=2k
1305-S/P10	Procure sandblast medium and parts	10	01OCT12	12OCT12	12OCT12	0	0	3,600.00	E												M&S=3k
1305-S/P12	Procure primer CTD-450	10	01OCT12	12OCT12	12OCT12	0	0	3,600.00	E												M&S=3k
1305-S/P14	Sandblast (16) copper spools	20	19NOV12	18DEC12	18DEC12	0	0	39,276.00	E												EM//tb=400hrs;
1305-S/P16	Clean conductors/bag/nitrogen fill	20	19NOV12	18DEC12	18DEC12	0	0	36,919.44	E												EM//tb=376hrs;
1305-S/P18	Prime conductor spools	20	19DEC12	24JAN13	24JAN13	0	0	39,276.00	E												EM//tb=400hrs;
1305-S/P20	Cure conductor spools	32	19DEC12	11FEB13	11FEB13	0	0	37,312.20	E												EM//tb=380hrs;
1305-S/P22	Bag Cure conductor	16	12FEB13	05MAR13	05MAR13	0	0	18,852.48	E												EM//tb=192hrs;
TF/OH Fabrication																					
Fabrication / Assembly																					
1305-5600	Prepare TF for OH winding	5	20MAR13	26MAR13	26MAR13	0	0	15,710.40	E												EM//tb =160 ;
1305-5700	Install intermediate spacer between OH/TF bundle	8	06MAR13	15MAR13	15MAR13	0	0	18,852.48	E												EM//tb =192 ;
1305-5700A	Reposition TF to Vertical Position	1	31JAN13	31JAN13	31JAN13	25	0	3,142.08	E												EM//tb =32 ;
1305-5700B	Install Aquapour Mold & Cure	6	01FEB13	08FEB13	08FEB13	25	0	14,139.36	E												EM//tb =144 ;
1305-5800	Apply slip plane, and inner groundwall insulatn	2	18MAR13	19MAR13	19MAR13	0	0	4,713.12	E												EM//tb =48 ;
1305-5900	Braze first lead and prepare for winding	5	27MAR13	02APR13	02APR13	0	0	15,710.40	E												EM//tb =160 ;
1305-6000	Wind 1st Quarter of layer #1	5	03APR13	09APR13	09APR13	0	0	15,710.40	E												EM//tb =160 ;
1305-6100	Make[2] in-line brazes of 1st Quarter of layer#1	4	10APR13	15APR13	15APR13	0	0	6,284.16	E												EM//tb =64 ;
1305-6200	Wind second Quarter of layer #1	4	16APR13	19APR13	19APR13	0	0	12,568.32	E												EM//tb =128 ;

Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY			
										FY11	FY12	FY13	FY14
1305-6200A	Make[2] in-line brazes of 2nd Quarter of layer#1	4	22APR13	25APR13	25APR13	0	0	6,284.16	E				EM//tb =64 ;
1305-6200B	Wind Third Quarter of layer #1(2-SHIFT till Fin)	2	26APR13	29APR13	29APR13	0	0	9,426.24	E				EM//tb =96 ;
1305-6200C	Make[2] in-line brazes of 3rd Quarter of layer#1	2	29APR13	30APR13	30APR13	0	0	4,713.12	E				EM//tb =48 ;
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 ;

Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY					
										FY11	FY12	FY13	FY14		
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 ;	
Job: 1306 - Inner PF Coils-CHRZANOWSKI															
Procurement															
1306-4030	Fab & Deliver SS Supp for PF1A/B	80	03OCT12	04FEB13	04FEB13	2	0	129,406.00	C	41=100,000 ; 35=2,000 ;				EM//SM =40 ;	
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	41=180,000 ; 35=6,000 ;				EM//SM =120 ;	
Job: 1302 - Center Stack Assembly-CHRZANOWSKI															
Fabrication / Assembly															
1302-0160	Receive & Inspect Inner PF Coils	5	26JUL13	01AUG13	01AUG13	9	0	3,927.60	E						
1302-0170	Perf Accept Elect & Hydr test on PF Coils	5	02AUG13	08AUG13	08AUG13	9	0	6,404.16	E	EM//SM =24 ;	EM//ST =24 ;				
1302-0170A	Install outer bands/flux loops on Inner PF1A/B	15	26JUL13	15AUG13	15AUG13	2	0	23,565.60	E					EM//tb =240 ;	
1302-0170B	Position/weld Upper PF1B coil t/lower casing flg	5	16AUG13	22AUG13	22AUG13	2	0	7,855.20	E					EM//tb =80 ;	
1302-0170C	Position/weld lower PF1B coil t/lower casing flg	5	23AUG13	29AUG13	29AUG13	2	0	7,855.20	E					EM//tb =80 ;	
1302-0170D	Mount CS casing support to lower PF1A	5	30AUG13	06SEP13	06SEP13	2	0	7,855.20	E					EM//tb =80 ;	
1302-0180	Install microtherm insulation around lower PF1A	5	09SEP13	13SEP13	13SEP13	2	0	7,855.20	E					EM//tb =80 ;	
1302-0180A	Install microtherm insulation around upper PF1A	5	16SEP13	20SEP13	20SEP13	2	0	7,855.20	E					EM//tb =80 ;	
1302-0210A	Mount tiles to Inconel casing	35	11JUN13	31JUL13	31JUL13	15	0	54,986.40	E					EM//tb =560 ;	
1302-1500	Assemble CS (OH Diag, Microtherm, Casing PFCs)	38	22AUG13	15OCT13	15OCT13	0	0	234,385.02	K	EM//SM =690 ; 41=70,000 ;	EM//tb =0 ; 37=10,000 ;				
1302-1500A	Position OH/TF in vertical position	3	22AUG13	26AUG13	26AUG13	0	0	7,069.68	K					EM//tb =72 ;	
1302-1500B	Join the Lower PF1A assembly with OH/TF Bundle	3	27AUG13	29AUG13	29AUG13	0	0	7,069.68	K					EM//tb =72 ;	
1302-1500C	Install the surface diagnostics onto OH surface	15	30AUG13	20SEP13	20SEP13	0	0	23,565.60	K		EM//tb =240 ;				
1302-1500D	Install Micro-therm insulation around OH coil	7	23SEP13	01OCT13	01OCT13	0	0	11,049.12	K		EM//tb =112 ;				
1302-1500E	Position CS Casing assembly over the OH/TF coil	5	02OCT13	08OCT13	08OCT13	0	0	16,228.80	K		EM//tb =160 ;				
1302-1500F	Ready for Delivery to Test Cell	5	09OCT13	15OCT13	15OCT13	0	0	4,057.20	K		EM//tb =40 ;				
1302-1540A	Install outer bands/flux loops Inner PF1C coils	7	23SEP13	01OCT13	01OCT13	2	0	11,049.12	E					EM//tb =112 ;	
1302-1540B	Assemble ceramic break assemblies	5	02OCT13	08OCT13	08OCT13	2	0	8,114.40	E					EM//tb =80 ;	
1302-1540C	Leak Test CB Assemblies	3	09OCT13	11OCT13	11OCT13	2	0	4,868.64	E					EM//tb =48 ;	
1302-1550	Deliver CS to NTC	1	16OCT13	16OCT13	16OCT13	0	0	1,622.88	E					EM//tb =16 ;	
Job: 4100 - Center Stack Diagnostics-KAITA															
Procurement															
4100-0042	Coils w/mandrels - Fabricate or delivery	83	01AUG12	28NOV12	28NOV12	5	0	104,959.13	C					41=40,000 ; EM//EM =40 ;	
														EM//ST =0 ; EM//tb =24 ;	
														EE//SM =160 ;	

Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Target Finish	Total Float	% Comp	EAC	EVMS	FY			
										FY11	FY12	FY13	FY14
Fabrication / Assembly													
4100-0046	Shop Fabrication	65	29NOV12	08MAR13	08MAR13	5	0	112,666.20	C				EE//EM =10 ; EM//tb =180 ; EM//EE//SM =300 ;
4100-0047	Assembly	65	11MAR13	10JUN13	10JUN13	5	0	108,280.36	C	EE//EM =10 ; EM//EM =132 ; EM//SM =280 ; EM//tb =360 ;			
4100-0051	Machine Installation (ex-vessel only)	30	11JUN13	24JUL13	24JUL13	5	0	62,066.60	E	EE//EM =20 ; EM//EM =40 ; EM//tb =180 ; EE//SM =200 ;			
4100-0056	Mount Diagnostics in PFC Tiles	40	15APR13	10JUN13	10JUN13	15	0	0.00	C				
Testing													
4100-0052	PTP Testing	15	25JUL13	14AUG13	14AUG13	5	0	35,617.60	E	EE//EM =20 ; EM//EM =40 ; EE//SM =100 ; EM//tb =80 ;			
Job: 8250 - Remove/Install Centerstack-PERRY													
Install New Centerstack													
Installation													
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	EM//ST =000 ; EM//tb =224 ;			
8250-133	Check vacuum seals	5	23OCT13	29OCT13	29OCT13	0	0	16,228.80	E	EM//ST =000 ; EM//tb =160 ;			
8250-137	Install new flex bus (3 times w/2 re-machinings)	27	30OCT13	09DEC13	09DEC13	0	0	155,802.16	E	EM//ST =000 ; EM//tb =1512 ; 41=2,000			
8250-141	Install new umbrella (3 times w/2 re-machinings)	6	10DEC13	17DEC13	17DEC13	0	0	34,080.48	E	EM//ST =000 ; EM//tb =336 ;			
Close Vessel and Pumpdown													
Installation													
8250-145	Clean, Photo, Close VV	9	18DEC13	09JAN14	09JAN14	0	0	65,726.64	E	EM//ST =000 ; EM//tb =648 ;			
8250-149	Pumpdown	1	10JAN14	10JAN14	10JAN14	0	0	5,680.08	E	EM//ST =00 ; EM//tb =56 ;			
8250-153	Leak check	12	13JAN14	28JAN14	28JAN14	0	0	68,160.96	E	EM//ST =00 ; EM//tb =672 ;			
8250-157	Setup for Bakeout	5	29JAN14	04FEB14	04FEB14	0	0	52,743.60	E	EM//ST =00 ; EM//tb =520 ;			
8250-161	Rayleigh/Raman Scattering	5	05FEB14	11FEB14	11FEB14	0	0	12,171.60	E	EM//ST =00 ; EM//tb =120 ;			
8250-165	Bakeout	16	12FEB14	05MAR14	05MAR14	0	0	116,847.36	E	EM//ST =00 ; EM//tb =1152 ;			
8250-169	Recover from bakeout & scrub	7	06MAR14	14MAR14	14MAR14	0	0	39,760.56	E	EM//ST =000 ; EM//tb =392 ;			
8250-173	Ready for ISTP	0		14MAR14	14MAR14	0	0	0.00	B				
Job: 7900 - Integrated System Test-GENTILE													
Integrated System Testing (WBS 1.7 / Job 7900)													
Fabrication / Assembly													
7900-140	Perform ISTP	15	17MAR14	04APR14	04APR14	0	0	15,348.00	E				EM//EM =80 ;
7900-999	NSTX RESUME OPERATIONS	0		04APR14	04APR14	0	0	0.00	B				EM//EM =00 ;