

Activity ID	Duration (work days incl Saturdays)	Shifts	Forecast Start	Forecast Finish	Baseline Finish	Total Float	FY08												FY09												FY10												FY11											
							J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
cc 9450 - NCSX Fabrication (MIE)																																																						
18 - Field Period Assembly																																																						
Job:1810-Field Period Assy -Station 1,2,3 VIOLA																																																						
Station 2 MC Sub Assy A1B1C1																																																						
+ A-B Modular Coil Assembly																																																						
	80	1	04DEC07	02APR08		-121	[Bar chart showing activity from Dec 4, 2007 to Apr 2, 2008]																																															
+ AB-C Modular Coil Assembly																																																						
	52		03APR08	16JUN08		-121	[Bar chart showing activity from Apr 3, 2008 to Jun 16, 2008]																																															
+ Stycast shim gaps and final measurements																																																						
	8		17JUN08	26JUN08	09MAY08	-121	[Bar chart showing activity from Jun 17, 2008 to Jun 26, 2008]												[Bar chart showing activity from May 9, 2008 to Jun 26, 2008]																																			
Station 2 MC Sub Assy A2B2C2																																																						
+ A-B Modular Coil Assembly																																																						
	68	1	04FEB08	07MAY08		-120	[Bar chart showing activity from Feb 4, 2008 to May 7, 2008]																																															
+ AB-C Modular Coil Assembly																																																						
	51		08MAY08	21JUL08		-120	[Bar chart showing activity from May 8, 2008 to Jul 21, 2008]																																															
+ Stycast shim gaps and final measurements																																																						
	8		22JUL08	31JUL08		-120	[Bar chart showing activity from Jul 22, 2008 to Jul 31, 2008]																																															
Station 2 MC Sub Assy A3B3C3																																																						
+ A-B Modular Coil Assembly																																																						
	68	1	08APR08	14JUL08		-6	[Bar chart showing activity from Apr 8, 2008 to Jul 14, 2008]																																															
+ AB-C Modular Coil Assembly																																																						
	48		15JUL08	19SEP08		26	[Bar chart showing activity from Jul 15, 2008 to Sep 19, 2008]																																															
+ Stycast shim gaps and final measurements																																																						
	11	1	22SEP08	06OCT08		26	[Bar chart showing activity from Sep 22, 2008 to Oct 6, 2008]																																															
Station 2 MC Sub Assy A4B4C4																																																						
+ A-B Modular Coil Assembly																																																						
	52		13MAY08	25JUL08		-4	[Bar chart showing activity from May 13, 2008 to Jul 25, 2008]																																															
+ AB-C Modular Coil Assembly																																																						
	47		01AUG08	07OCT08		27	[Bar chart showing activity from Aug 1, 2008 to Oct 7, 2008]																																															
+ Stycast shim gaps and final measurements																																																						
	9		08OCT08	20OCT08		27	[Bar chart showing activity from Oct 8, 2008 to Oct 20, 2008]																																															
Station 2 MC Sub Assy A5B5C5																																																						
+ A-B Modular Coil Assembly																																																						
	68	1	17JUL08	21OCT08		-6	[Bar chart showing activity from Jul 17, 2008 to Oct 21, 2008]																																															
+ AB-C Modular Coil Assembly																																																						
	59	1	22OCT08	23JAN09		-6	[Bar chart showing activity from Oct 22, 2008 to Jan 23, 2009]																																															
+ Stycast shim gaps and final measurements																																																						
	11	1	26JAN09	09FEB09		-6	[Bar chart showing activity from Jan 26, 2009 to Feb 9, 2009]																																															
Station 2 MC Sub Assy A6B6C6																																																						
+ A-B Modular Coil Assembly																																																						
	68	1	05AUG08	07NOV08		-8	[Bar chart showing activity from Aug 5, 2008 to Nov 7, 2008]																																															
+ AB-C Modular Coil Assembly																																																						
	59	1	10NOV08	11FEB09		-8	[Bar chart showing activity from Nov 10, 2008 to Feb 11, 2009]																																															
+ Stycast shim gaps and final measurements																																																						
	11	1	12FEB09	26FEB09		-8	[Bar chart showing activity from Feb 12, 2009 to Feb 26, 2009]																																															

Activity ID	Activity Description	Duration (work days incl Saturdays)	Shifts	Forecast Start	Forecast Finish	Baseline Finish	Total Float	FY08												FY09												FY10												FY11												
								J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	
Station 3 Setup/Preparations/General																																																								
+		203	1	01SEP07A	26JUN08	03JUL08	-121																																																	
Station 3-Assemble Mod Coils and VVSA-FP#1																																																								
+	Pre-assemble LEFT MCHP							-121																																																
+	Pre-assemble RIGHT MCHP							-121																																																
+	Pre-assemble LEFT and RIGHT MCHP							-121																																																
+	RE-assemble LEFT and RIGHT MCHP							-121																																																
+	Install Laser Screens							-121																																																
+	Install Vacuum Vessel							-121																																																
+	Install RIGHT MCHP over VV							-121																																																
+	Install LEFT MCHP over VV							-121																																																
+	Weld inboard shims & fill bushing gaps							-121																																																
+	VVSA attachment to MC's							-121																																																
+	Transfer to Station 5							-121																																																
Station 3-Assemble Mod Coils and VVSA-FP#2																																																								
+	Pre-assemble LEFT MCHP							26																																																
+	Pre-assemble RIGHT MCHP							26																																																
+	Pre-assemble LEFT and RIGHT MCHP							26																																																
+	RE-assemble LEFT and RIGHT MCHP							26																																																
+	Install Laser Screens							-45																																																
+	Install Vacuum Vessel							-45																																																
+	Install RIGHT MCHP over VV							-45																																																
+	Install LEFT MCHP over VV							-45																																																
+	Weld inboard shims & fill bushing gaps							-45																																																
+	VVSA attachment to MC's							-45																																																
+	Transfer to Station 5							-45																																																

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								J			F			M			A			M			J			J			A			S			O			N			D			J			F			M			A			M			J			J			A			S			O			N			D			J			F			M			A			M			J			J			A			S			O																
								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Station 5- Final FP Assy -FP#2 (in NCSX TC)																																																																																																																											
+ Component Prep																																																																																																																											
		2	1	15JUN09	16JUN09		-41																																																																																																																				
+ Pre-Installation setup																																																																																																																											
		12	1	17JUN09	02JUL09		-41																																																																																																																				
+ VV Port Installation																																																																																																																											
		39	1	06JUL09	27AUG09		-41																																																																																																																				
+ Install Port Boots																																																																																																																											
		16	1	07AUG09	28AUG09		-41																																																																																																																				
+ Install Trim Coils																																																																																																																											
		36	1	31AUG09	20OCT09		-41																																																																																																																				
+ Install Lead & Coolant Connections																																																																																																																											
		14	2	13OCT09	30OCT09		-41																																																																																																																				
+ TF Installation and fit-up check																																																																																																																											
		16	2	02NOV09	23NOV09		-41																																																																																																																				
+ Ports, boots, coolant leads & diagnostics																																																																																																																											
		21	2	24NOV09	05JAN10		-41																																																																																																																				
+ Final Measurements and testing																																																																																																																											
		24	2	06JAN10	08FEB10		-41																																																																																																																				
+ Transfer to Station 6																																																																																																																											
		4	2	09FEB10	12FEB10	05OCT09	-41																																																																																																																				
Station 5- Final FP Assy -FP#3 (in NCSX TC)																																																																																																																											
+ Component Prep																																																																																																																											
		1	2	30NOV09	30NOV09		-114																																																																																																																				
+ Pre-Installation setup																																																																																																																											
		6	2	01DEC09	08DEC09		-114																																																																																																																				
+ VV Port Installation																																																																																																																											
		38		09DEC09	10FEB10		-114																																																																																																																				
+ Install Port Boots																																																																																																																											
		16	1	21JAN10	11FEB10		-114																																																																																																																				
+ Install Trim Coils																																																																																																																											
		18	2	12FEB10	09MAR10		-114																																																																																																																				
+ Install Lead & Coolant Connections																																																																																																																											
		14	2	05MAR10	24MAR10		-114																																																																																																																				
+ TF Installation and fit-up check																																																																																																																											
		16	2	25MAR10	15APR10		-114																																																																																																																				
+ Ports, boots, coolant leads & diagnostics																																																																																																																											
		21	2	16APR10	14MAY10		-114																																																																																																																				
+ Final Measurements and testing																																																																																																																											
		24	2	17MAY10	18JUN10		-114																																																																																																																				
+ Transfer to Station 6																																																																																																																											
		4	2	21JUN10	24JUN10	13NOV09	-114																																																																																																																				

Activity ID	Duration (work days incl Saturdays)	Shifts	Forecast Start	Forecast Finish	Baseline Finish	Total Float	FY08												FY09												FY10												FY11											
							J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
75 - Test Cell and Basement Assembly Operations																																																						
Job: 7503 - Machine Assembly (station 6)-PERRY																																																						
+ Pre-installation setup and test																																																						
	135		12NOV08	02JUN09	02JUN09	3																																																
+ Field Period 1 Installation & assy test																																																						
	60	1	30NOV09	03MAR10	26AUG09	-121																																																
+ Spool Piece Installation test & machining																																																						
	128	1	04MAR10	01SEP10	09MAR10	-121																																																
+ Field Period 2 Installation & assy test																																																						
	20	1	04MAR10	31MAR10	02NOV09	-54																																																
+ Field Period 3 Installation & assy test																																																						
	10	2	25JUN10	09JUL10	15DEC09	-114																																																
+ 3 field period Pre- assembly																																																						
	31		12JUL10	23AUG10	12MAR10	-114																																																
+ 3 field period Final assembly																																																						
	82	2	02SEP10	06JAN11	08JUL10	-121																																																
+ Complete Stellarator Core Assembly																																																						
	68	2	07JAN11	12APR11	13OCT10	-121																																																
+ Piping, Cabling, and Test																																																						
	50	2	13APR11	22JUN11	03JAN11	-121																																																
85 - Integrated Systems Testing																																																						
Job: 8501 - Integrated Systems Testing-GENTILE																																																						
+ ACC & ORA																																																						
	76	1	01OCT10	26JAN11	26JAN11	426																																																
+ ISTEP and Room temp testing																																																						
	13	1	25APR11	11MAY11	11NOV10	-121																																																
+ Cold Testing and E-beam mapping																																																						
	20	1	23JUN11	21JUL11	31JAN11	-121																																																
+																																																						
	0	1		23DEC11	23DEC11	0																																																