

Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Total Float	FY11		FY12	
						SEP	OCT	NOV	
NSTX Upgrade Project									
Job: 1001 - CS Plasma Facing Components-TRESEMER									
1001-0056	Prep Procurement Specs	15	10OCT11*	28OCT11	34				EM//EM =30 ;
Job: 1002 -Passive Plate Analysis &Upgrade-TITUS									
1002-0025A	Procure 1000 718 bolts and new washers!	20	03OCT11*	28OCT11	503				EA//EM =20 ;41=10,000 ;
Job: 1201 - Outer TF Structures-SMITH									
1201-0035	Review, Check Drawings	4	12OCT11	17OCT11	75				EM//EM =26 ; EA//SB =26 ;
1201-0042	Prep Req & Procurement Package	10	18OCT11	31OCT11	75				EM//EM =32 ;
Job: 1202 - Outer PF2 Coil Structures-SMITH									
1202-0035	Review, Check Drawings	10	20SEP11	03OCT11	223				EM//EM =12 ; EA//SB =08 ;
1202-0042	Prep Req & Procurement Package	5	04OCT11	10OCT11	223				EM//EM =12 ;
1202-0043	Submit Req to Procurement	1	10OCT11	10OCT11	223				
1202-0044	Procurement Processing	22	10OCT11	08NOV11	223				
Job: 1203 - PF3 Support.-SMITH									
1203-0035	Review, Check Drawings	10	09SEP11	22SEP11	242				EM//EM =06 ; EA//SB =04 ;
1203-0042	Prep Req & Procurement Package:inconel Bolts	5	03OCT11*	07OCT11	236				EM//EM =12 ;
1203-0043	Submit Req to Procurement	1	07OCT11	07OCT11	236				
1203-0044	Procurement Processing	22	07OCT11	07NOV11	236				
Job: 1206 - Pedestal -SMITH									
1206-0035	Review, Check, Drawings	5	16SEP11	22SEP11	274				EM//EM =21 ; EA//SB =16 ;
1206-0042	Prep Req & Procurement Package	10	23SEP11	06OCT11	274				EM//EM =32 ;
1206-0043	Submit Req to Procurement	1	06OCT11	06OCT11	274				
1206-0044	Procurement Processing	22	06OCT11	04NOV11	274				
Job: 1207 - Vessel Legs -SMITH									
1207-0035	Review, Check Drawings	10	23SEP11	06OCT11	220				EM//EM =06 ; EA//SB =04 ;
1207-0042	Prep Req & Procurement Package	3	07OCT11	11OCT11	220				EM//EM =08 ;
1207-0043	Submit Req to Procurement	1	11OCT11	11OCT11	220				
1207-0044	Procurement Processing	22	11OCT11	09NOV11	220				
Job: 1304 - Inner TF Bundle (Ds/Fab)-CHRZANOWSKI									
Manufacture Inner TF Conductor									
1304-0759	AWARD TF MACHINING CONTRACT S011001-G	0		14SEP11*	91				
1304-09491	Fixtures & Tooling -Designed & ordered	1	12OCT11*	12OCT11	90				41=\$50k
Job: 1305 - OHMIC Heating Coil (OH)-CHRZANOWSKI									
Design									
1305-1450	Design OH Mold (7)	30	03OCT11*	11NOV11	143				EA//SB =160 ;
1305-1620	Electrical Layout to Support Winding Area (11)	40	31AUG11	26OCT11	26				EM//SM =240 ;
1305-1630	Generate Manufacturing Procedures & Travelers	20	26SEP11*	21OCT11	132				
TF/OH Material Procurements									
1304-3450	Spec-TF conductor stands- for insulating	20	31AUG11	28SEP11	59				
1304-3452	Bid/Award TF Conductor Stand for Insulating	30	29SEP11	09NOV11	59				
1304-3550	Spec TF Quadrant mold	20	01SEP11*	29SEP11	63				
1304-3552	Bid/Award-TF Quadrant Mold	30	30SEP11	10NOV11	63				
1305-1900	Spec- Taping machines [2]	20	03OCT11*	28OCT11	69				
1305-2650	Spec SandBlast Unit - Refurbish/Fab Stand	20	01SEP11*	29SEP11	25				
1305-2652	Fabricate Sanblast Unit Stand	30	30SEP11	10NOV11	25				
1305-2700	Miscellaneous tools & fixtures	20	01SEP11*	29SEP11	174				
1305-2702	Bid/Award Misc Tools & Fixtures	30	30SEP11	10NOV11	174				
1305-2900	Spec-Insulation [fiberg tape, teflon and gnd p	20	30SEP11*	27OCT11	38				
1305-3000	Epoxy- CTD-425	20	17OCT11*	11NOV11	42				
1305-3200	G-10 Filler modifications	40	03OCT11*	29NOV11	107				41=1,000 ; EM//ST =150 ;
1305-3800	spec-High &Low Temp Vac Tubing (VPI)	20	03OCT11*	28OCT11	72				
OH Conductor & Other Hardware									
1305-0930	Prep Requisition & Submit to Procurement	5	19SEP11	23SEP11	188				
1305-0940	Bid & Award OH Conductor Fabrication	30	26SEP11	04NOV11	188				
Job: 1306 - Inner PF Coils-CHRZANOWSKI									
1306-2010	Generate SOW for Inner PF Conductor	10	10OCT11*	21OCT11	59				
1306-3010	Prep Req for Kapton/Glass Insulation	10	03OCT11*	14OCT11	89				
1306-3020	Bid/Award Kapton/Glass Insulation	30	17OCT11	29NOV11	89				EM//SM =08 ;
1306-4010	Prep SOW for SS Supp for PF1A/B Coils	20	03OCT11*	28OCT11	49				

Data Date 31AUG11
Run Date 20SEP11 11:40

0001 EVMS Rule
A = LOE K = Planning Pkg
B = Milestone
C = % Complete

**NSTX UPGRADE
ACCELERATED SCHEDULE
4 WEEK LOOKAHEAD**

Sheet 1 of 3

Accelerated plan
Progress Bar
Critical Activity

Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Total Float	FY11		FY12	
						SEP	OCT	NOV	
Job: 1307 - CS Casing Assembly -CHRZANOWSKI									
1307-2250	Spec/Requisition CB SS Structure	20	03OCT11*	28OCT11	69				
Job: 1302 - Center Stack Assembly-CHRZANOWSKI									
1302-0050	CAD Support for Setup of CS Assembly Area	25	03OCT11*	04NOV11	69				
1302-0060	Generate CS Assembly Procedure	10	03OCT11*	14OCT11	49				
1302-0070	Generate CS Installation Procedure	10	17OCT11	28OCT11	49				
Job: 2425 - BL Relocation-DENAULT									
Design									
2425-0027	Prep Procurement Specs	81*	31AUG11*	03JAN12	197				
Procure, Fab & Assembly									
2425-0033	Prep Requisitn and procuremnt pkg-Steel & Parts	1	31AUG11	31AUG11	267				
2425-0034	SUBMIT REQ TO PROCUREMENT - Steel and Parts	1	01SEP11	01SEP11	267				
2425-0035	Procurement lead time (1) - Steel and Parts	30	03OCT11*	11NOV11	247				
Job: 2440 - 2nd NBI Beamline-DENAULT									
Procure, Fab & Assembly									
2440-0004	Ion Dump parts	50	31AUG11	09NOV11	13				
2440-0012	Ion Dump TC wiring	50	31AUG11	09NOV11	13				
2440-0003	Calorimeter parts	50	31AUG11	09NOV11	13				
2440-0011	Calorimeter TC wiring	50	31AUG11	09NOV11	13				
Refurbishment									
2440-0030	Refurbish Calorimeter	49	13SEP11*	18NOV11	6				
Job: 2450 - 2nd NBI Services-DENAULT									
Design									
2450-0026	Prep Procurement Specs	187	31AUG11*	31MAY12	139				
Procure, Fab & Assembly									
2450-0097	Legs	12	03OCT11*	18OCT11	596				
2450-0099	HVAC	70	03OCT11*	18JAN12	538				
Job: 2460 - 2nd NBI Armor-TRESEMER									
2460-0037	Prep Requisition & Procuremnt Pckg - Armor suppo	10	03OCT11*	14OCT11	405				
2460-0038	Submit Request t/Proc - Armor Support	1	17OCT11	17OCT11	405				
2460-0039	Procurement Lead Time - Armor Support	25	18OCT11	21NOV11	405				
2460-0043	Prep Requisition & Procuremnt Pckg-Backing Plate	2	03OCT11*	04OCT11	401				
2460-0044	Submit Request t/Proc - New Backing Plates	1	05OCT11	05OCT11	401				
2460-0045	Procurement Lead Time - New Backing Plates	15	06OCT11	26OCT11	401				
2460-0054	Assembly Procedure Finalized	15	03OCT11*	21OCT11	442				
Job: 2475 - 2nd NBI Controls-CROPPER									
Control System Layout									
2475-0105	NBOS Station - Control System Layout	10	31AUG11*	14SEP11	80				
Procurement									
2475-0116	Prep Requisition and procurement package	5	04OCT11	10OCT11	67				
2475-0117	SUBMIT REQ TO PROCUREMENT	1	11OCT11	11OCT11	67				
2475-0118	Procurement lead time (1)	15	12OCT11	01NOV11	67				
Job: 2480 - 2nd NBI/TVPS Duct & VV-DENAULT									
Procure, Fab & Assembly									
2480-0059	Prep Req & Procuremnt Pckg - Vessel Cap & Port E	8	03OCT11*	12OCT11	195				
2480-0060	Submit Req to Procurement - Vessel Cap & Port Ex	1	13OCT11	13OCT11	195				
2480-0061	Procurement Lead Times - Vessel Cap & Port Exten	25	14OCT11	17NOV11	195				
2480-0064	Prep Req & Procuremnt Pckg - Spool Piece	5	03OCT11*	07OCT11	300				
2480-0065	Submit Req to Procurement - Spool Piece	1	10OCT11	10OCT11	300				
2480-0066	Procurement Lead Times - Spool Piece	25	11OCT11	14NOV11	300				
2480-0072	Prep Req & Procuremnt Pckg-Raw Material f/Duct	3	03OCT11*	05OCT11	310				
2480-0073	Submit Req to Procurement -Other Material f/Duct	1	06OCT11	06OCT11	310				
2480-0074	Procurement Lead Time - Other Material for Duct	25	07OCT11	10NOV11	310				
Job: 2490 - NTC Equipt Relocations-PERRY									
Removals									
24910000C	Fabricate Power Cart	5	10OCT11	14OCT11	130				
24910000D	Field Power Shutdown	3	17OCT11*	19OCT11	130				
24911700	Design 5 sections of Platform EI 118' W Side NTC	10	31AUG11	14SEP11	127				
24911710	Prep procd 5 sections of Platform EI 118' W Side	3	15SEP11	19SEP11	127				
24911720	Fab 5 sections of Platform EI 118' W Side NTC	20	20SEP11*	17OCT11	127				
24911730	instl 5 sections of Platform EI 118' W Side NTC	5	18OCT11	24OCT11	127				
Design, Procurement & Fabr of Re-installations									
24910030	Dsgn rack 419 re-installation - UCLA Reflectormer	17	03OCT11*	25OCT11	33				
Job: 3200 - Water Cooling System Mods-DENAULT									
3200-0025	Final Design-Prep Procurement Specs	5	31AUG11*	07SEP11	67				

Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Total Float	FY11		FY12	
						SEP	OCT	NOV	
Job: 4100 - Center Stack Diagnostics-KAITA									
4100-0032	Wire/Cables-Prep Requisition and procurement pac	15	03OCT11*	21OCT11	39			EE//EM =40 ; EE//SM =40 ; EM//ST =40 ; EM//EM =80 ;	
4100-0038	Coils w/mandrels -Prep Requisition & procurement	15	03OCT11*	21OCT11	39			EE//EM =10 ; EM//ST =20 ; EE//SM =40 ; EM//EM =80 ;	
Job: 4500 - MPTS VV Modification-LABIK									
Design									
MPTS-0027	Update Cost & Schedule Estimate	24	31AUG11*	04OCT11	2,580			EM//EM =20 ; R//RM =5 ;	
MPTS-0028A	CONDUCT FDR MPTS VV interface	18	31AUG11	26SEP11	381			EM//EM =20 ; EA//SB =30 ; R//RM =10 ;	
MPTS-0028C	CONDUCT FDR externals	18	31AUG11*	26SEP11	386			EM//EM =20 ; EA//SB =20 ; EA//EM=40	
MPTS-0030	FDR Chit Response	5	03OCT11	07OCT11	377			EM//EM =20 ; R//RM =5 ; EA//EM =80 ; EA//SB =40 ;	
Procurement									
MPTS-0032	Bay L CAP	130	10OCT11*	18APR12	377			EM//EM =10 ; 41=20,000 ;	
MPTS-0033	Bay L Port Cover (CAP) Diagnostic Components	130	10OCT11*	18APR12	377			EM//EM =5 ; 41=6000 ;	
MPTS-0035	Misc Materials	130	10OCT11*	18APR12	377			EM//EM 10 ; 41=8000 ;	
MPTS-0036	Tooling	130	10OCT11*	18APR12	377			41=5000 ; em/em=5	
Job: 5000 - CSU Power Systems-RAKI									
52 - AC/DC Converters									
520-005	52 - AC/DC Converters - Dsn	20	03OCT11*	28OCT11	343			EE//EM =08 ; EA//SB =08 ;	
531 - FCPC DC PF1 & TF Systems									
531-005	531- FCPC DC Systems procedures, specs, revision	208	04OCT11*	02AUG12	104			EE//EM =648 ; EA//SB =542 ;	
531-520	531- 5 Transition Area Cabling -Instl/Test/Comm	0*	31AUG11	30AUG11	610				
54 - Control & Protection System									
541-005	541 - Electrical Interlocks -proced, specs, revs	293	31AUG11*	30OCT12	17				
542-005	542 - Kirk Key Interlocks -Dsn	294	31AUG11*	31OCT12	111				
545-005	545 - Instrumentation -Dsn	293	31AUG11*	30OCT12	92				
546-005	546 - Coil Analog Protection Dsn	293	31AUG11*	30OCT12	20				
Job: 5200 - Digital Coil Protection-HATCHER									
24	CSU FDR Prep	9	31AUG11	13SEP11	221			EE//EM=40	
28	Systems Code - A	120	03OCT11*	28MAR12	208			EE//EM=200;EA//SB=120	
30	DCPS Algorithms	120	03OCT11*	28MAR12	208			EE//EM=320;EA//EM=320	
Job: 7200 - Center Stack Management-DUDEK									
Project Reviews									
7200-02S	FY2011 CSU Project OPA Reviews	20	03OCT11*	28OCT11	2,112			EM//EM =310	
7200-04S	FY2013 CSU Project OPA Reviews **N/R**	0	31AUG11	30AUG11	2,604				
7200-05R	FY2014 CSU Project OPA Reviews **N/R**	0	31AUG11	30AUG11	2,604				
7200-05S	FY2014 CSU Project OPA Reviews **N/R**	0	31AUG11	30AUG11	2,604				
Job: 7300 - NB2 Management-STEVENSON									
Project Reviews									
7300-12	FY2011 NB2 RLM's support of OPA reviews	20	03OCT11*	28OCT11	2,112			EE//EM =160 ; EM//EM =320 ;	
7300-32	FY2013 NB2 RLM's support of OPA reviews **N/R**	0	31AUG11	30AUG11	2,604				
Job: 8200 - Field Supervision & Oversight-PERRY									
LOE									
8200-0005A	Work Planning	62	03OCT11*	06JAN12	2,520			EM//EM =24 ;	
Job: 8210 - CS & Coil Sprt Struct Instal - PERRY									
Diag Catalogue & Rmvl Procedures									
8200-0026	Perform bay by bay catalogue and label Elect	20	03OCT11*	28OCT11	152			EM//SM =96 ;	
8200-0027	Perform bay by bay catalogue and label Mech	20	03OCT11*	28OCT11	2,522			EM//SM =96 ;	
Removals (non NB related)									
8200-0028B	Dsgn/Fab TF Coil Handling Fixture	20	03OCT11*	28OCT11	2,522			EA//SB=150;EM//SM=480;M&S=30K	
8200-0029	Remove RF pipes	10	03OCT11*	14OCT11	198			EM//ST Miller=800	
8200-0029A	Blow Out Hoses	1	17OCT11	17OCT11	198			EM//ST Miller=100	
8200-0029B	Lower Hoses Relocate	3	18OCT11	20OCT11	198			EM//ST Miller=200;M&S=5k	
Job: 8250 - Remove/Install Centerstack-PERRY									
Remove Old Centerstack									
8250-101	Disconnect Hoses	1	18OCT11	18OCT11	316			EM//ST =32 ; EM//SM =08 ;	
Install New Centerstack									
8250-123	Dsgn Lift Fixture for new centerstack pedestal	97	03OCT11*	24FEB12	334			EM//EM =600 ;	