

Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Total Float	FY11			FY12		
						S	OCT	NOV	S	OCT	NOV
<b>NSTX Upgrade Project</b>											
<b>Level 3 Milestones</b>											
<b>LEVEL 3</b>											
LRCD3	Lehman Review	0		27OCT11	59						
<b>Job: 1001 - CS Plasma Facing Components-TRESEMER</b>											
1001-0056	Prep Procurement Specs	15	17OCT11*	04NOV11	29						
1001-0062	Prep Req & Proc Package - Tiles (ATJ)	9	07NOV11*	17NOV11	29						
<b>Job: 1201 - Outer TF Structures-SMITH</b>											
1201-0031	Final Design Analysis	277*	24SEP10A	01NOV11	72						
1201-0031A	VV Clevis & Pins - Final Dsgn Analysis	329*	24JUN10A	14OCT11	72						
1201-0031B	Rods & Rod Ends- Final Dsgn Analysis	331*	24JUN10A	18OCT11	72						
1201-0031C	Weldment - Final Dsgn Analysis	341*	24JUN10A	01NOV11	72						
1201-0032	Validation of Design Complete	199*	21FEB11A	01DEC11	72						
1201-0032A	VV Clevis & Pins - Validation of Dsgn Complete	199*	21FEB11A	01DEC11	72						
1201-0032B	Rods & Rod Ends- Validation of Dsgn Complete	199*	21FEB11A	01DEC11	72						
1201-0032C	Weldment - Validation of Dsgn Complete	199*	21FEB11A	01DEC11	72						
1201-0032E	Weldment Clevis & Pins -Validation of Dsgn Compl	199*	21FEB11A	01DEC11	72						
1201-0033	Update CAD Models per Validation	204*	21FEB11A	08DEC11	72						
1201-0034	Revise Fabrication & Assembly Drawings per Valid	164*	18APR11A	08DEC11	72						
1201-0035	Review, Check Drawings	57*	19SEP11A	08DEC11	39						
1201-0035A	VV Clevis & Pins - Revw, Check Drawings	0	17OCT11*		76						
1201-0035B	Rods & Rod Ends- Revw, Check Drawings	0	17OCT11*		76						
1201-0035C	Weldment - Revw, Check Drawings	0	17OCT11*		76						
1201-0035D	Weldment Bolted Joints - Revw, Check Drawings	18*	19SEP11A	12OCT11	78						
1201-0035E	Weldment Clevis & Pins -Revw, Check Drawings	0	17OCT11*		76						
1201-0035F	Assembly Dwgs -Revw, Check Drawings	0	17OCT11*		76						
<b>Job: 1202 - Outer PF2 Coil Structures-SMITH</b>											
1202-0035	Review, Check Drawings	23*	12SEP11A	12OCT11	216						
1202-0042	Prep Req & Procurement Package	5	13OCT11	19OCT11	216						
<b>Job: 1203 - PF3 Support.-SMITH</b>											
1203-0035	Review, Check Drawings	24*	09SEP11A	12OCT11	228						
1203-0042	Prep Req & Procurement Package:inconel Bolts	5	13OCT11*	19OCT11	228						
<b>Job: 1205 - Umbrella-SMITH</b>											
<b>Lower Umbrella</b>											
1205-0028	Det Dsgn Eng, CAD/Analysis Iterations(15mod)	304*	17AUG10A	01NOV11	117						
1205-0028A	Det Dsgn Eng, CAD/Analysis-Lid & Torque Plate	304*	17AUG10A	01NOV11	117						
1205-0028B	Det Dsgn Eng, CAD/Analysis-Legs	304*	17AUG10A	01NOV11	117						
1205-0028C	Det Dsgn Eng, CAD/Analysis-AI Blocks	304*	17AUG10A	01NOV11	117						
1205-0028D	Det Dsgn Eng, CAD/Analysis-Overall Lower Umbrell	304*	17AUG10A	01NOV11	117						
1205-0029	Final design Analysis	305*	16AUG10A	01NOV11	117						
1205-0029A	Final design Analysis - Lid & Torque Plate	304*	17AUG10A	01NOV11	117						
1205-0029B	Final design Analysis - Legs	304*	17AUG10A	01NOV11	117						
1205-0029C	Final design Analysis - AI Blocks	304*	17AUG10A	01NOV11	117						
1205-0029D	Final design Analysis - Overall Lower Umbrell	304*	17AUG10A	01NOV11	117						
1205-0032	Validation of Design Complete	159*	21MAR11A	01NOV11	117						
1205-0032A	Validation of Design - Lid & Torque Plate	159*	21MAR11A	01NOV11	117						
1205-0032B	Validation of Design - Legs	159*	21MAR11A	01NOV11	117						
1205-0032C	Validation of Design - AI Blocks	159*	21MAR11A	01NOV11	117						

Data Date: 31AUG11  
Run Date: 05OCT11 13:32

1110 EVMS Rule  
A = LOE K =Planning Pkg NSTX UPGRADES  
B = Milestone ACCELERATED SCHEDULE  
C = % Complete NSTX-U 4 Weeks Look Ahead Sched Layout

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	BASELINE
	FORECAST
	Progress Bar
	Critical Activity

Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Total Float	FY11			FY12		
						S	OCT	NOV	S	OCT	NOV
1205-0032D	Validation of Design - Overall Lower Umbrell	159*	21MAR11A	01NOV11	117						
1205-0035	Review, Check Drawings	4	02NOV11	07NOV11	113						
1205-0035A	Review, Check Drawings - Lid & Torque Plate	4	02NOV11	07NOV11	113						
1205-0035B	Review, Check Drawings - Legs	4	02NOV11	07NOV11	113						
1205-0035C	Review, Check Drawings - AI Blocks	4	02NOV11	07NOV11	113						
1205-0035D	Review, Check Drawings - Overall Lower Umbrell	4	02NOV11	07NOV11	113						
<b>Upper Umbrella</b>											
1205-0086	Final Dsgn Eng Iterations, DetailCAD (15mod)	304*	17AUG10A	01NOV11	116						
1205-0086A	Final Dsgn Eng, CAD/Analysis-Lid & Torque Plate	304*	17AUG10A	01NOV11	117						
1205-0086B	Final Dsgn Eng, CAD/Analysis-Legs	304*	17AUG10A	01NOV11	117						
1205-0086C	Final Dsgn Eng, CAD/Analysis-AI Blocks	304*	17AUG10A	01NOV11	117						
1205-0086D	Fin Dsgn Eng, CAD/Analysis-Overall Upper Umbrell	304*	17AUG10A	01NOV11	117						
1205-0087	Final Design Analysis	304*	17AUG10A	01NOV11	116						
1205-0087A	Final design Analysis - Lid & Torque Plate	304*	17AUG10A	01NOV11	117						
1205-0087B	Final design Analysis - Legs	304*	17AUG10A	01NOV11	117						
1205-0087C	Final design Analysis - AI Blocks	304*	17AUG10A	01NOV11	117						
1205-0087D	Final design Analysis - Overall Upper Umbrell	304*	17AUG10A	01NOV11	117						
1205-0090	Validation of Design Complete	179*	21FEB11A	01NOV11	116						
1205-0090A	Validation of Design - Lid & Torque Plate	159*	21MAR11A	01NOV11	117						
1205-0090B	Validation of Design - Legs	159*	21MAR11A	01NOV11	117						
1205-0090C	Validation of Design - AI Blocks	159*	21MAR11A	01NOV11	117						
1205-0090D	Validation of Design - Overall Upper Umbrell	159*	21MAR11A	01NOV11	117						
1205-0091	Update CAD Models per Validation	179*	21FEB11A	01NOV11	112						
1205-0092	Revise Fabrication & Assembly Drawings per Valid	179*	21FEB11A	01NOV11	112						
1205-0093	Review, Check Drawings	4	02NOV11	07NOV11	112						
1205-0093A	Review, Check Drawings - Lid & Torque Plate	4	02NOV11	07NOV11	113						
1205-0093B	Review, Check Drawings - Legs	4	02NOV11	07NOV11	113						
1205-0093C	Review, Check Drawings - AI Blocks	4	02NOV11	07NOV11	113						
1205-0093D	Review, Check Drawings - Overall Upper Umbrell	4	02NOV11	07NOV11	113						
1205-0100	Prep Req & Procurement Package	10	08NOV11	21NOV11	112						
<b>Job: 1206 - Pedestal -SMITH</b>											
1206-0035	Review, Check, Drawings	19*	16SEP11A	12OCT11	260						
1206-0042	Prep Req & Procurement Package	10	13OCT11	26OCT11	260						
<b>Job: 1207 - Vessel Legs -SMITH</b>											
1207-0032	Analysis & Validation of Design Complete	265*	04OCT10A	24OCT11	145						
1207-0032A	Analysis/Valid of Dsgn Compl-VV Supp Foot Reinf	265*	04OCT10A	24OCT11	145						
1207-0032B	Analysis/Valid of Dsgn Compl-VV Supp Atch Reinf	38*	31AUG11	24OCT11	145						
1207-0033	Update CAD Models per Validation	173*	21FEB11A	24OCT11	145						
1207-0033A	Upd CAD Models per Valid -VV Support Foot Reinfo	265*	04OCT10A	24OCT11	145						
1207-0033B	Upd CAD Models per Valid -VV Supp Attachmt Reinf	38*	31AUG11	24OCT11	145						
1207-0034	Rev Fab & Assembly Drwns per Valid	173*	21FEB11A	24OCT11	145						
1207-0034A	Rev Fab & Assembly Drwn -VV Support Foot Reinfo	265*	04OCT10A	24OCT11	145						
1207-0034B	Rev Fab & Assembly Drwns-VV Supp Attachmt Reinf	38*	31AUG11	24OCT11	145						
1207-0035	Review, Check Drawings	63*	25OCT11	31JAN12	145						
1207-0035A	Rev, Check Drwns-VV Support Foot Reinfo	63*	25OCT11	31JAN12	148						
1207-0035B	Rev, Check Drwns -VV Supp Attachmt Reinf	63*	25OCT11	31JAN12	148						
<b>Job: 1304 - Inner TF Bundle (Ds/Fab)-CHRZANOWSKI</b>											
Manufacture Inner TF Conductor											
1304-09491	Fixtures & Tooling -Designed & ordered	1	12OCT11*	12OCT11	90						
<b>Job: 1305 - OHMIC Heating Coil (OH)-CHRZANOWSKI</b>											
TF/OH Material Procurements											
1304-3350	Spec-TF conductor stands- tube soldering	10	31OCT11*	11NOV11	6						
1304-3452	Bid/Award TF Conductor Stand for Insulating (TS)	30*	29SEP11A	09NOV11	59						

Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Total Float	FY11		FY12	
						S	OCT	NOV	
1304-3552	Bid/Award-TF Quadrant Mold	35*	23SEP11A	10NOV11	63				
1304-3602	Bid/Award TF Full Coil Mold	106*	12SEP11A	16FEB12	109				
1304-3804	Fab & Deliver Lift Beam for Conductor (TECH SHOP)	95*	29AUG11A	19JAN12	104				
1304-3904	Fab & deliver Lift Beam for Coil (TECH SHOP)	93*	31AUG11A	19JAN12	76				
1305-2310	Bid/Award Winding Machine for OH	139*	30SEP11A	23APR12	65				
1305-2652	Fabricate Sanblast Unit Stand (TECH SHOP)	30	04OCT11*	14NOV11	23				
1305-2900	Spec-Insulation [fiberg tape, teflon and gnd p	29*	19SEP11A	27OCT11	38				
1305-3002	Purchase Epoxy-CTD-425	30	14NOV11*	04JAN12	42				
1305-3200	G-10 Filler modifications	40	01NOV11*	05JAN12	86				
OH Conductor & Other Hardware									
1305-0940	Bid & Award OH Conductor Fabrication (PF)	30	04OCT11*	14NOV11	78				
<b>Job: 1306 - Inner PF Coils-CHRZANOWSKI</b>									
Design									
1306-2030	Bid/Award - Inner PF Conductor(OH)	36*	26SEP11A	14NOV11	78				
1306-3020	Bid/Award Kapton/Glass Insulation	30	15NOV11	05JAN12	68				
1306-4010	DWGS Revision for SS Supp for PF1A/B Coils	20	03OCT11*	28OCT11	49				
1306-5010	Generate SOW & Spec for Inner PF Coil Fab	15	01NOV11*	21NOV11	108				
<b>Job: 1307 - CS Casing Assembly -CHRZANOWSKI</b>									
Design									
1307-2050	Bid/Award Inconel Bellows	96*	26SEP11A	16FEB12	143				
1307-2250	Spec/Requisition CB SS Structure	20	03OCT11*	28OCT11	69				
<b>Job: 2425 - BL Relocation-DENAULT</b>									
Design									
2425-0027	Prep Procurement Specs	81*	31AUG11*	03JAN12	197				
Procure, Fab & Assembly									
2425-0033	Prep Requisitn and procuremt pckg-Steel & Parts	1	29SEP11	29SEP11	247				
2425-0034	SUBMIT REQ TO PROCUREMENT - Steel and Parts	1	30SEP11	30SEP11	247				
2425-0035	Procurement lead time (1) - Steel and Parts	30	03OCT11*	11NOV11	247				
<b>Job: 2440 - 2nd NBI Beamline-DENAULT</b>									
Procure, Fab & Assembly									
2440-0003	Calorimeter parts	53*	26AUG11A	09NOV11	13				
2440-0004	Ion Dump parts	50	31AUG11	09NOV11	13				
2440-0011	Calorimeter TC wiring	50	31AUG11	09NOV11	13				
2440-0012	Ion Dump TC wiring	50	31AUG11	09NOV11	13				
Refurbishment									
2440-0030	Refurbish Calorimeter	64*	22AUG11A	18NOV11	6				
<b>Job: 2450 - 2nd NBI Services-DENAULT</b>									
Design									
2450-0026	Prep Procurement Specs	194*	22AUG11A	31MAY12	139				
Procure, Fab & Assembly									
2450-0097	Legs (TECH SHOP)	41*	22AUG11A	18OCT11	596				
2450-0099	HVAC	99	03OCT11*	17FEB12	516				
<b>Job: 2460 - 2nd NBI Armor-TRESEMER</b>									
Design									
2460-0037	Prep Requisition & Procuremnt Pckg - Armor suppo	20*	19SEP11A	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				
2460-0045	Procurement Lead Time - New Backing Plates	21*	19SEP11A	17OCT11	408				
2460-0057	In Vessel Work Remove Armor	20	01NOV11*	30NOV11	436				
<b>Job: 2475 - 2nd NBI Controls-CROPPER</b>									
Control System Layout									
2475-0105	NBOS Station - Control System Layout	55*	01AUG11A	17OCT11	57				



Activity ID	Activity Description	Work Days	Forecast Start	Forecast Finish	Total Float	FY11		FY12	
						S	OCT	NOV	
<b>Job: 8200 - Field Supervision &amp; Oversight-PERRY</b>									
LOE									
8200-0005A	Work Planning	62	03OCT11*	06JAN12	2,520				
<b>Job: 8210 - CS &amp; Coil Sprt Struct Instal - PERRY</b>									
Diag Catalogue & Rmvl Procedures									
8200-0026	Perform bay by bay catalogue and label Elect	20	03OCT11*	28OCT11	2,522				
8200-0027	Perform bay by bay catalogue and label Mech	20	03OCT11*	28OCT11	2,522				
8200-0030	Write Electrical Cable Tray Removal/Instl Proc.	75*	12SEP11A	04JAN12	152				
Removals (non NB related)									
8200-0028B	Dsgn/Fab TF Coil Handling Fixture	20	03OCT11*	28OCT11	2,522				
8200-0028C	Dsgn/Fab Umbrella Handling Fixture	20	31OCT11	29NOV11	2,522				
8200-0029	Remove RF pipes	10	03OCT11*	14OCT11	198				
8200-0029A	Blow Out Hoses	1	17OCT11	17OCT11	198				
8200-0029B	Lower Hoses Relocate	3	18OCT11	20OCT11	198				
8200-0044C	Remove LLD Cables & Racks	116*	12SEP11A	01MAR12	2,481				
<b>Job: 8250 - Remove/Install Centerstack-PERRY</b>									
Remove Old Centerstack									
8250-101	Disconnect Hoses	1	18OCT11	18OCT11	316				
Install New Centerstack									
8250-123	Dsgn Lift Fixture for new centerstack pedestal	97	03OCT11*	24FEB12	334				