

CLASSIFICATION (When Filled In)

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE															FORM APPROVED OMB No. 0704-0188				
DOLLARS IN															Thousands of \$				
1. CONTRACTOR					2. CONTRACT					3. PROGRAM					4. REPORT PERIOD				
a. NAME Princeton University-Plasma Physics Lab					a. NAME DOE-SC-OFES-NSTX Upgrade					a. NAME NSTX Upgrade Project					a. FROM (YYYYMMDD) 2012 / 05 / 01				
b. LOCATION (Address and ZIP Code) Princeton, New Jersey					b. NUMBER DE-AC02-09CH11466					b. PHASE CD-3					b. TO (YYYYMMDD) 2012 / 05 / 31				
					c. TYPE M&O					d. SHARE RATIO									
										c. EVMS ACCEPTANCE NO <input type="checkbox"/> X YES <input checked="" type="checkbox"/> (YYYYMMDD) 2011 / 12 / 20									
5. CONTRACT DATA																			
a. QUANTITY		b. NEGOTIATED COST		c. ESTIMATED COST OF AUTHORIZED UNPRICED WORK		d. TARGET PROFIT/FEE		e. TARGET PRICE		f. ESTIMATED PRICE		g. CONTRACT CEILING		h. ESTIMATED CONTRACT CEILING		i. DATE OF OTB/OTS (YYYYMMDD)			
1		78,859		0		0		78,859		0		0		0					
6. ESTIMATED COST AT COMPLETION									7. AUTHORIZED CONTRACTOR REPRESENTATIVE										
			MANAGEMENT ESTIMATE AT COMPLETION (1)			CONTRACT BUDGET BASE (2)			VARIANCE (3)			a. NAME (Last, First, Middle Initial) Ronald Strykowski				b. TITLE Project Manager			
a. BEST CASE			0									c. SIGNATURE				d. DATE SIGNED (YYYYMMDD)			
b. WORST CASE			0																
c. MOST LIKELY			0			78,859			78,859										
8. PERFORMANCE DATA																			
WBS ITEM (1)	CURRENT PERIOD						CUMULATIVE TO DATE						REPROGRAMMING ADJUSTMENTS			AT COMPLETION			
	BUDGETED COST		ACTUAL COST WORK PERFORMED		VARIANCE		BUDGETED COST		ACTUAL COST WORK PERFORMED		VARIANCE		COST VARIANCE (12a)	SCHEDULE VARIANCE (12b)	BUDGET (13)	BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)	
	WORK SCHEDULED (2)	WORK PERFORMED (3)	COST WORK PERFORMED (4)	SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)	COST WORK PERFORMED (9)	SCHEDULE (10)	COST (11)									
1.1 Torus Systems	406	535	1,185	130	-649	10,817	11,510	13,300	693	-1,790	0	0	0	19,803	22,193	-2,390			
1.2 Plasma Heating and Current T	311	461	422	150	40	6,788	9,313	8,259	2,525	1,054	0	0	0	23,237	22,682	555			
1.3 Auxiliary Systems	0	0	0	0	0	120	162	108	42	54	0	0	0	377	349	27			
1.4 Plasma Diagnostics	12	6	28	-6	-22	1,069	983	1,170	-85	-186	0	0	0	1,785	2,091	-306			
1.5 Power Systems	208	153	213	-55	-60	2,980	2,866	2,954	-114	-88	0	0	0	9,387	10,658	-1,271			
1.6 Central Instrumentation & Co	28	1	8	-27	-8	172	213	227	41	-13	0	0	0	918	930	-11			
1.7 Project Support & Integration	393	393	303	0	90	7,806	7,806	7,351	0	455	0	0	0	14,799	14,587	212			
1.8 Site Preparation and Torus As	172	149	308	-23	-159	2,106	2,321	2,312	216	9	0	0	0	8,552	9,255	-703			
b. COST OF MONEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
c. GENERAL AND ADMINISTRATIVE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
d. UNDISTRIBUTED BUDGET																			
e. SUBTOTAL	1,530	1,698	2,467	168	-769	31,858	35,176	35,681	3,317	-506	0	0	0	78,859	82,746	-3,887			
f. MANAGEMENT RESERVE														0					
g. TOTAL	1,530	1,698	2,467	168	-769	31,858	35,176	35,681	3,317	-506	0	0	0	78,859					
9. RECONCILIATION TO CONTRACT BUDGET BASELINE																			
a. VARIANCE ADJUSTMENT																			
b. TOTAL CONTRACT VARIANCE																			
										3,317		-506		78,859		82,746		-3,887	

CLASSIFICATION (When Filled In)

Report Options

Criteria: WBS

Calendar: 18 Required Set

Cost Sets: Scheduled, Performed, Actuals, Est. At Complete, , , Over target baseline

Categories

CLASSIFICATION (When Filled In)

**CONTRACT PERFORMANCE REPORT
FORMAT 2 - ORGANIZATIONAL CATEGORIES**

DOLLARS IN Thousands of \$ FORM APPROVED OMB No. 0704-0188

1. CONTRACTOR		2. CONTRACT		3. PROGRAM		4. REPORT PERIOD	
a. NAME Princeton University-Plasma Physics Lab		a. NAME DOE-SC-OFES-NSTX Upgrade		a. NAME NSTX Upgrade Project		a. FROM (YYYYMMDD) 5/1/2012	
b. LOCATION (Address and ZIP Code) Princeton, New Jersey		b. NUMBER DE-AC02-09CH11466		b. PHASE CD-3		b. TO (YYYYMMDD) 5/31/2012	
c. TYPE M&O		d. SHARE RATIO		c. EVMS ACCEPTANCE NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (YYYYMMDD) 2011 / 12 / 20			

OBS ITEM (1)	CURRENT PERIOD					CUMULATIVE TO DATE					REPROGRAMMING ADJUSTMENTS			AT COMPLETION		
	BUDGETED COST		ACTUAL COST WORK PERFORMED (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK PERFORMED (9)	VARIANCE		COST VARIANCE (12a)	SCHEDULE VARIANCE (12b)	BUDGET (13)	BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
	WORK SCHEDULED (2)	WORK PERFORMED (3)	SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)	SCHEDULE (10)	COST (11)								
1000 CSU Analytical Support (Dudek)	\$5.10	\$5.10	\$6.40	0	-1	246	246	313	0	-67	0	0	0	385	890	-506
1001 CS Plasma Facing Components (Tresemer)	\$17.62	\$70.91	\$84.19	53	-13	1,016	1,062	937	46	125	0	0	0	1,924	1,799	124
1002 Passive Plate Analysis & Upgrade (Atnafu)	\$0.00	\$49.37	\$79.66	49	-30	414	428	445	15	-17	0	0	0	442	460	-18
1200 Structures & Supports (Smith)	\$0.13	\$50.20	\$240.35	50	-190	2,295	2,938	3,462	643	-524	0	0	0	3,554	4,222	-668
1300 Center Stack (Chrzanowski)	\$23.37	\$23.37	\$18.63	0	5	593	593	638	0	-45	0	0	0	1,063	1,108	-45
1301 Outer TF Coils (Chrzanowski)	\$0.00	\$0.00	\$5.11	0	-5	20	39	60	19	-21	0	0	0	281	302	-22
1302 Center Stack Assembly (Chrzanowski)	\$0.00	\$0.00	\$0.00	0	0	27	14	30	-14	-16	0	0	0	739	755	-16
1303 TF Joint Test Stand & Test (CLOSED)	\$0.00	\$0.00	\$0.00	0	0	353	353	225	0	128	0	0	0	353	225	128
1304 Inner TF Bundle (Chrzanowski)	\$122.45	\$97.30	\$181.40	-25	-84	1,622	1,523	1,780	-99	-257	0	0	0	3,430	3,687	-257
1305 Ohmic Heating Coil (Chrzanowski)	\$237.17	\$209.19	\$485.61	-28	-276	2,774	3,007	3,793	233	-787	0	0	0	5,202	6,003	-802
1306 Inner PF Coils (Chrzanowski)	\$0.00	\$29.93	\$46.32	30	-16	404	265	387	-138	-122	0	0	0	669	791	-123
1307 CS Casing Assembly (Chrzanowski)	\$0.00	\$0.00	\$37.04	0	-37	613	600	786	-12	-186	0	0	0	1,322	1,508	-186
1310 CSU Magnets Systems (CLOSED)	\$0.00	\$0.00	\$0.00	0	0	442	442	442	0	0	0	0	0	442	442	0
3200 Water Cooling System Mods (Denault)	\$0.00	\$0.00	\$0.00	0	0	74	68	38	-6	30	0	0	0	195	182	14
3300 Bakeout System Mods CSU (Raki)	\$0.00	\$0.00	\$0.00	0	0	5	55	39	50	15	0	0	0	79	64	15
3400 Gas Delivery System Mods (Blanchard)	\$0.00	\$0.00	\$0.00	0	0	41	39	31	-2	8	0	0	0	102	103	-1
4100 Center Stack Diagnostics (Kaita)	\$0.00	\$0.00	\$6.20	0	-6	251	330	266	79	64	0	0	0	836	814	21
4500 MPTS VV Modification (Labik)	\$11.97	\$6.19	\$22.28	-6	-16	818	653	903	-164	-250	0	0	0	949	1,276	-327
5000 CSU Power Systems (Raki)	\$80.93	\$139.54	\$167.17	59	-28	1,852	1,945	1,936	94	9	0	0	0	5,735	6,499	-764
5200 DCPs (Hatcher)	\$127.13	\$13.85	\$44.95	-113	-31	748	541	690	-207	-150	0	0	0	2,521	2,671	-151
5501 Coil Bus Runs (Smith)	\$0.00	\$0.00	\$1.26	0	-1	380	380	328	0	53	0	0	0	1,131	1,488	-356
6100 Control Sys Data Acquisition (Sichta)	\$27.88	\$0.62	\$8.30	-27	-8	172	213	227	41	-13	0	0	0	918	930	-11
7200 Center Stack Management (Dudek)	\$20.43	\$20.43	\$15.22	0	5	751	751	799	0	-48	0	0	0	1,539	1,587	-48
8200 CS & Coil Supt Struct Install (Perry)	\$140.61	\$116.79	\$267.51	-24	-151	1,648	1,864	1,919	216	-55	0	0	0	6,200	6,316	-116
8210 Field Supervision & Oversight (Perry)	\$31.47	\$31.82	\$40.15	0	-8	398	398	391	0	6	0	0	0	1,329	1,825	-496
8250 Remove/Install Centerstack (Perry)	\$0.00	\$0.00	\$0.00	0	0	60	60	2	0	58	0	0	0	1,023	1,114	-91
2300 ECH Analysis (CLOSED)	\$0.00	\$0.00	\$0.00	0	0	84	84	29	0	55	0	0	0	84	29	55
2420 2nd NBI Sources (CLOSED)	\$0.00	\$0.00	\$0.00	0	0	4	99	63	95	37	0	0	0	99	63	37
2425 BL Relocation (Atnafu)	\$107.32	\$58.64	\$37.58	-49	21	540	378	335	-162	43	0	0	0	1,803	1,787	16
2430 2nd NBI Decontamination (CLOSED)	\$0.00	\$0.00	\$0.00	0	0	2,057	2,057	2,070	0	-13	0	0	0	2,057	2,070	-13
2440 2nd NBI Beamline (Cropper)	\$43.07	\$102.81	\$93.01	60	10	1,135	1,211	874	75	337	0	0	0	2,369	2,032	337
2450 2nd NBI Services (Denault)	\$21.80	\$70.17	\$41.58	48	29	458	817	788	359	29	0	0	0	4,506	4,650	-144
2460 2nd NBI Armor (Tresemer)	\$0.00	\$0.00	\$31.41	0	-31	392	585	634	193	-49	0	0	0	700	775	-75
2470 2nd NBI Power (Raki)	\$1.80	\$6.07	\$4.59	4	1	264	732	554	468	178	0	0	0	3,335	3,370	-35
2475 2nd NBI Controls (Cropper)	\$25.30	\$106.08	\$121.03	81	-15	313	1,109	1,020	795	88	0	0	0	2,287	2,302	-16
2480 2nd NBI/TVPS Duct (Denault)	\$0.00	\$31.82	\$27.62	32	4	462	625	630	163	-6	0	0	0	1,952	1,958	-6
2485 Vacuum Pumping System (Blanchard)	\$0.00	\$28.80	\$4.14	29	25	90	162	236	71	-74	0	0	0	388	409	-21
2490 NTC Equipment Relocations (Perry)	\$112.17	\$57.08	\$60.63	-55	-4	988	1,455	1,027	467	428	0	0	0	3,657	3,238	419
7300 NB2 Management (Stevenson)	\$11.14	\$11.14	\$20.40	0	-9	554	554	507	0	48	0	0	0	1,278	1,250	29
7400 Health Physics Support (Stevenson)	\$99.01	\$99.01	\$55.49	0	44	1,361	1,361	865	0	496	0	0	0	2,507	2,011	496
7100 Project Management & Integration (Strykowski)	\$214.23	\$214.23	\$169.12	0	45	3,228	3,228	3,592	0	-365	0	0	0	6,412	7,134	-722
7710 NSTX-U HP and Other Allocations (Strykowski)	\$47.64	\$47.64	\$42.52	0	5	1,906	1,906	1,585	0	321	0	0	0	2,985	2,531	454
7900 Integrated System (Gentile)	\$0.16	\$0.16	\$0.00	0	0	7	7	4	0	3	0	0	0	78	75	3
b. COST OF MONEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c. GENERAL AND ADMINISTRATIVE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d. UNDISTRIBUTED BUDGET														-\$0.00	\$0.00	0
e. SUBTOTAL (Performance Measurement Baseline)	\$1,529.92	\$1,698.25	\$2,466.86	168	-769	\$31,858.23	\$35,175.66	\$35,681.27	3,317	-506	\$0.00	\$0.00	\$0.00	78,859	\$82,746.14	-3,887
f. MANAGEMENT RESERVE														\$0.00		
g. TOTAL	1,530	1,698	2,467	168	-769	31,858	35,176	35,681	3,317	-506	0	0	0	78,859		

CLASSIFICATION (When Filled In)

Categories

Report Options

Criteria: OBS

Calendar Set: 18 Required Set

Cost Sets: Scheduled, Performed, Actuals, Est. At Complete, , , Over target baseline

CLASSIFICATION (When Filled In)

CONTRACT PERFORMANCE REPORT FORMAT 2 - ORGANIZATIONAL CATEGORIES												DOLLARS IN Thousands of \$		FORM APPROVED OMB No. 0704-0188	
1. CONTRACTOR			2. CONTRACT				3. PROGRAM			4. REPORT PERIOD					
a. NAME Princeton University-Plasma Physics Lab			a. NAME DOE-SC-OFES-NSTX Upgrade				a. NAME NSTX Upgrade Project			a. FROM (YYYYMMDD) 5/1/2012					
b. LOCATION (Address and ZIP Code) Princeton, New Jersey			b. NUMBER DE-AC02-09CH11466		b. PHASE CD-3		c. EVMS ACCEPTANCE NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (YYYYMMDD) 2011 / 12 / 20			b. TO (YYYYMMDD) 5/31/2012					
			c. TYPE M&O		d. SHARE RATIO										

OBS ITEM (1)	CURRENT PERIOD					CUMULATIVE TO DATE					REPROGRAMMING ADJUSTMENTS			AT COMPLETION		
	BUDGETED COST		ACTUAL COST WORK PERFORMED (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK PERFORMED (9)	VARIANCE		COST VARIANCE (12a)	SCHEDULE VARIANCE (12b)	BUDGET (13)	BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
	WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULE (10)	COST (11)						
CS Center Stack	\$846.26	\$864.59	\$1,757.75	18	-893	18,015	18,808	20,869	792	-2,062	0	0	0	42,361	47,063	-4,701
NB Neutral Beam	\$421.63	\$571.63	\$497.46	150	74	8,703	11,228	9,631	2,525	1,597	0	0	0	27,023	25,943	1,080
PM Project Management	\$262.03	\$262.03	\$211.64	0	50	5,140	5,140	5,181	0	-41	0	0	0	9,475	9,740	-265
b. COST OF MONEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c. GENERAL AND ADMINISTRATIVE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d. UNDISTRIBUTED BUDGET																
e. SUBTOTAL (Performance Measurement Baseline)	\$1,529.92	\$1,698.25	\$2,466.86	168	-769	\$31,858.23	\$35,175.66	\$35,681.27	3,317	-506	\$0.00	\$0.00	\$0.00	78,859	\$82,746.14	-3,887
f. MANAGEMENT RESERVE														\$0.00		
g. TOTAL	1,530	1,698	2,467	168	-769	31,858	35,176	35,681	3,317	-506	0	0	0	78,859		

CLASSIFICATION (When Filled In)

Report Options
 Criteria: OBS
 Calendar Set: 18 Required Set
 Cost Sets: Scheduled, Performed, Actuals, Est. At Complete, , , Over target baseline

Baseline

CLASSIFICATION (When Filled In)																
CONTRACT PERFORMANCE REPORT FORMAT 3 - BASELINE													FORM APPROVED			
													OMB No. 0704-0188			
The public reporting burden for this collection of information is estimated to average 5.0 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Department of Defense, Executive Services Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.																
1. CONTRACTOR			2. CONTRACT			3. PROGRAM			4. REPORT PERIOD							
a. NAME Princeton University-Plasma Physics Lab			a. NAME DOE-SC-OFES-NSTX Upgrade			a. NAME NSTX Upgrade Project			a. FROM (YYYYMMDD) 2012 / 05 / 01							
b. LOCATION (Address and ZIP Code) Princeton, New Jersey			b. NUMBER DE-AC02-09CH11466			b. PHASE CD-3			b. TO (YYYYMMDD) 2012 / 05 / 31							
			c. TYPE M&O			d. SHARE RATIO			c. EVMS ACCEPTANCE NO <input type="checkbox"/> X <input checked="" type="checkbox"/> YES (YYYYMMDD)			2011 / 12 / 20				
5. CONTRACT DATA																
a. ORIGINAL NEGOTIATED COST 77,317			b. NEGOTIATED CONTRACT CHANGES 1,542		c. CURRENT NEGOTIATED COST (a. + b.) 78,859		d. ESTIMATED COST OF AUTHORIZED UNPRICED WORK 0		e. CONTRACT BUDGET BASE (c. + d.) 78,859		f. TOTAL ALLOCATED BUDGET 0		g. DIFFERENCE (e. - f.) 78,859			
h. CONTRACT START DATE (YYYYMMDD) 2009/02/23			i. CONTRACT DEFINITIZATION DATE (YYYYMMDD)			j. PLANNED COMPLETION DATE (YYYYMMDD) 2015/09/29			k. CONTRACT COMPLETION DATE (YYYYMMDD)			l. ESTIMATED COMPLETION DATE (YYYYMMDD) 2015/09/29				
6. PERFORMANCE DATA																
Contract Change Number ITEM (1)	BCWS CUMULATIVE TO DATE (2)	BCWS FOR REPORT PERIOD (3)	BUDGETED COST FOR WORK SCHEDULED (BCWS) (Non-Cumulative)												UNDISTRIBUTED BUDGET (15)	TOTAL BUDGET (16)
			SIX MONTH FORECAST (Enter names of months)						ENTER SPECIFIED PERIODS							
			+1 30JUN2012 (4)	+2 31JUL2012 (5)	+3 31AUG2012 (6)	+4 30SEP2012 (7)	+5 31OCT2012 (8)	+6 30NOV2012 (9)	31DEC2012 (10)	31JAN2013 (11)	28FEB2013 (12)	31MAR2013 (13)	30APR2013 (14)			
a. PERFORMANCE	30,328	1,510	1,526	1,669	1,994	1,611	2,118	1,851	1,703	1,867	1,551	1,388	1,679	0	79,112	
b. BASELINE CHANGES AUTHORIZED DURING REPORTING PERIOD																
ECP-030															-86	
ECP-031															-165	
ECP-035															-2	
c. PERFORMANCE MEASUREMENT BASELINE (End of Period)	31,858		1,546	1,695	1,938	1,630	2,121	1,845	1,691	1,852	1,538	1,375	1,549	0	78,859	
7. MANAGEMENT RESERVE															0	
8. TOTAL															78,859	

CLASSIFICATION (When Filled In)

Report Options

Criteria: Contract Change Number
Calendar: 19 Required Set
Cost Sets: Scheduled

EVM Data as of: 5/31/2012																
Thousands of \$																
WBS[2] OBS[3]	BCWS	BCWP	ACWP	Current Period		Cumulative to Date						At Completion				
				SV	CV	BCWS	BCWP	ACWP	SV	CV	SPI	CPI	BAC	EAC	VAC	
1.1 Torus Systems																
1000 CSU Analytical Support (Dudek)	5	5	6	0	-1	246	246	313	0	-67	1.00	0.79	385	890	-506	
1001 CS Plasma Facing Components (Treserr)	18	71	84	53	-13	1,016	1,062	937	46	125	1.05	1.13	1,924	1,799	124	
1002 Passive Plate Analysis & Upgrade (Atnaf)	0	49	80	49	-30	414	428	445	15	-17	1.04	0.96	442	460	-18	
1200 Structures & Supports (Smith)	0	50	240	50	-190	2,295	2,938	3,462	643	-524	1.28	0.85	3,554	4,222	-668	
1300 Center Stack (Chrzanowski)	23	23	19	0	5	593	593	638	0	-45	1.00	0.93	1,063	1,108	-45	
1301 Outer TF Coils (Chrzanowski)	0	0	5	0	-5	20	39	60	19	-21	1.97	0.65	281	302	-22	
1302 Center Stack Assembly (Chrzanowski)	0	0	0	0	0	27	14	30	-14	-16	0.50	0.46	739	755	-16	
1303 TF Joint Test Stand & Test (CLOSED)	0	0	0	0	0	353	353	225	0	128	1.00	1.57	353	225	128	
1304 Inner TF Bundle (Chrzanowski)	122	97	181	-25	-84	1,622	1,523	1,780	-99	-257	0.94	0.86	3,430	3,687	-257	
1305 Ohmic Heating Coil (Chrzanowski)	237	209	486	-28	-276	2,774	3,007	3,793	233	-787	1.08	0.79	5,202	6,003	-802	
1306 Inner PF Coils (Chrzanowski)	0	30	46	30	-16	404	265	387	-138	-122	0.66	0.68	669	791	-123	
1307 CS Casing Assembly (Chrzanowski)	0	0	37	0	-37	613	600	786	-12	-186	0.98	0.76	1,322	1,508	-186	
1310 CSU Magnets Systems (CLOSED)	0	0	0	0	0	442	442	442	0	0	1.00	1.00	442	442	0	
WBS[2]Totals:	406	535	1,185	130	-649	10,817	11,510	13,300	693	-1,790	1.06	0.87	19,804	22,193	-2,390	
1.2 Plasma Heating and Current Drive Systems																
2300 ECH Analysis (CLOSED)	0	0	0	0	0	84	84	29	0	55	1.00	2.93	84	29	55	
2420 2nd NBI Sources (CLOSED)	0	0	0	0	0	4	99	63	95	37	26.60	1.59	99	63	37	
2425 BL Relocation (Atnafu)	107	59	38	-49	21	540	378	335	-162	43	0.70	1.13	1,803	1,787	16	
2430 2nd NBI Decontamination (CLOSED)	0	0	0	0	0	2,057	2,057	2,070	0	-13	1.00	0.99	2,057	2,070	-13	
2440 2nd NBI Beamline (Cropper)	43	103	93	60	10	1,135	1,211	874	75	337	1.07	1.39	2,369	2,032	337	
2450 2nd NBI Services (Denault)	22	70	42	48	29	458	817	788	359	29	1.78	1.04	4,506	4,650	-144	
2460 2nd NBI Armor (Tresemer)	0	0	31	0	-31	392	585	634	193	-49	1.49	0.92	700	775	-75	
2470 2nd NBI Power (Raki)	2	6	5	4	1	264	732	554	468	178	2.77	1.32	3,335	3,370	-35	
2475 2nd NBI Controls (Cropper)	25	106	121	81	-15	313	1,109	1,020	795	88	3.54	1.09	2,287	2,302	-16	
2480 2nd NBI/TVPS Duct (Denault)	0	32	28	32	4	462	625	630	163	-6	1.35	0.99	1,952	1,958	-6	
2485 Vacuum Pumping System (Blanchard)	0	29	4	29	25	90	162	236	71	-74	1.79	0.69	388	409	-21	
2490 NTC Equipment Relocations (Perry)	112	57	61	-55	-4	988	1,455	1,027	467	428	1.47	1.42	3,657	3,238	419	
WBS[2]Totals:	311	461	422	150	40	6,788	9,313	8,259	2,525	1,054	1.37	1.13	23,237	22,682	555	
1.3 Auxiliary Systems																
3200 Water Cooling System Mods (Denault)	0	0	0	0	0	74	68	38	-6	30	0.92	1.81	195	182	14	
3300 Bakeout System Mods CSU (Raki)	0	0	0	0	0	5	55	39	50	15	11.51	1.39	79	64	15	
3400 Gas Delivery System Mods (Blanchard)	0	0	0	0	0	41	39	31	-2	8	0.95	1.25	102	103	-1	
WBS[2]Totals:	0	0	0	0	0	120	162	108	42	54	1.35	1.49	377	349	27	
1.4 Plasma Diagnostics																
4100 Center Stack Diagnostics (Kaita)	0	0	6	0	-6	251	330	266	79	64	1.31	1.24	836	814	21	
4500 MPTS VV Modification (Labik)	12	6	22	-6	-16	818	653	903	-164	-250	0.80	0.72	949	1,276	-327	
WBS[2]Totals:	12	6	28	-6	-22	1,069	984	1,170	-85	-186	0.92	0.84	1,785	2,091	-306	
1.5 Power Systems																
5000 CSU Power Systems (Raki)	81	140	167	59	-28	1,852	1,945	1,936	94	9	1.05	1.00	5,735	6,499	-764	
5200 DCPS (Hatcher)	127	14	45	-113	-31	748	541	690	-207	-150	0.72	0.78	2,521	2,671	-151	
5501 Coil Bus Runs (Smith)	0	0	1	0	-1	380	380	328	0	53	1.00	1.16	1,131	1,488	-356	
WBS[2]Totals:	208	153	213	-55	-60	2,980	2,866	2,954	-114	-88	0.96	0.97	9,387	10,658	-1,271	
1.6 Central Instrumentation & Control																
6100 Control Sys Data Acquisition (Sichta)	28	1	8	-27	-8	172	213	227	41	-13	1.24	0.94	918	930	-11	
WBS[2]Totals:	28	1	8	-27	-8	172	213	227	41	-13	1.24	0.94	918	930	-11	
1.7 Project Support & Integration																
7200 Center Stack Management (Dudek)	20	20	15	0	5	751	751	799	0	-48	1.00	0.94	1,539	1,587	-48	
7300 NB2 Management (Stevenson)	11	11	20	0	-9	554	554	507	0	48	1.00	1.09	1,278	1,250	29	
7400 Health Physics Support (Stevenson)	99	99	55	0	44	1,361	1,361	865	0	496	1.00	1.57	2,507	2,011	496	
7100 Project Management & Integration (Stryk)	214	214	169	0	45	3,228	3,228	3,592	0	-365	1.00	0.90	6,412	7,134	-722	
7710 NSTX-U HP and Other Allocations (Stryk)	48	48	43	0	5	1,906	1,906	1,585	0	321	1.00	1.20	2,985	2,531	454	
7900 Integrated System (Gentile)	0	0	0	0	0	7	7	4	0	3	1.00	1.70	78	75	3	
WBS[2]Totals:	393	393	303	0	90	7,806	7,806	7,351	0	455	1.00	1.06	14,799	14,587	212	
1.8 Site Preparation and Torus Assembly																
8200 CS & Coil Supt Struct Install (Perry)	141	117	268	-24	-151	1,648	1,864	1,919	216	-55	1.13	0.97	6,200	6,316	-116	
8210 Field Supervision & Oversight (Perry)	31	32	40	0	-8	398	398	391	0	6	1.00	1.02	1,329	1,825	-496	
8250 Remove/Install Centerstack (Perry)	0	0	0	0	0	60	60	2	0	58	1.00	31.03	1,023	1,114	-91	
WBS[2]Totals:	172	149	308	-23	-159	2,106	2,321	2,312	216	9	1.10	1.00	8,552	9,255	-703	
PMB	1,530	1,698	2,467	168	-769	31,858	35,176	35,681	3,317	-506	1.10	0.99	78,859	82,746	-3,887	
Rate Adjust													0	-2,140		
Rate Adjust Total													78,859	80,606	-1,747	
												BCWR (=pmb- bcwp)	ETC (=EAC- acwp)			
Neg PEP Variance Threshold exceeded (VAR required)												43,684	44,925			
Pos PEP Variance Threshold exceeded (VAR required)												14,935				
Internal variance requiring a VAR (PM initiated)													13,694			
												34%	30%			
												TPC=	94,300	94,300		