

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 / 11 / 01					
b. LOCATION (Address and ZIP Code) Princeton, New Jersey					b. NUMBER DE-AC02-09CH11466					b. PHASE CD-3					b. TO (YYYYMMDD) 2012 / 11 / 30					
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	82,965	0	0	82,965	0	0	0													
6. ESTIMATED COST AT COMPLETION																				
MANAGEMENT ESTIMATE AT COMPLETION (1)			CONTRACT BUDGET BASE (2)			VARIANCE (3)			7. AUTHORIZED CONTRACTOR REPRESENTATIVE											
a. BEST CASE			0						a. NAME (Last, First, Middle Initial) Ronald Strykowski						b. TITLE Project Manager					
b. WORST CASE			0						c. SIGNATURE									d. DATE SIGNED (YYYYMMDD)		
c. MOST LIKELY			82,965			82,965														
8. PERFORMANCE DATA																				
WBS (3) 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	1,131	524	596	-607	-72	15,807	14,493	16,896	-1,314	-2,404	0	0	0	22,897	25,301	-2,404				
1.2 Plasma Heating and Current T	485	360	459	-125	-99	9,649	12,686	11,408	3,037	1,278	0	0	0	23,110	22,043	1,067				
1.3 Auxiliary Systems	0	0	10	0	-10	120	162	129	42	33	0	0	0	377	344	32				
1.4 Plasma Diagnostics	33	3	32	-30	-30	1,395	1,351	1,505	-44	-155	0	0	0	1,972	2,127	-155				
1.5 Power Systems	289	116	77	-173	39	3,939	3,717	3,577	-223	140	0	0	0	9,844	10,237	-393				
1.6 Central Instrumentation & Co	2	2	13	0	-11	181	287	273	107	15	0	0	0	956	941	15				
1.7 Project Support & Integration	238	258	266	20	-8	9,804	9,804	8,636	0	1,168	0	0	0	14,737	13,978	758				
1.8 Site Preparation and Torus As	159	162	266	3	-104	3,275	3,226	3,395	-49	-169	0	0	0	9,072	9,240	-168				
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	2,338	1,424	1,718	-913	-294	44,170	45,725	45,819	1,555	-94	0	0	0	82,965	84,211	-1,246				
f. MANAGEMENT RESERVE														0						
g. TOTAL	2,338	1,424	1,718	-913	-294	44,170	45,725	45,819	1,555	-94	0	0	0	82,965						
9. RECONCILIATION TO CONTRACT BUDGET BASELINE																				
a. VARIANCE ADJUSTMENT																				
b. TOTAL CONTRACT VARIANCE															1,555	-94				
															82,965	84,211	-1,246			

CLASSIFICATION (When Filled In)

Report Options

Criteria: WBS (3)

Calendar: 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) 2012 / 11 / 01	
b. LOCATION (Address and ZIP Code) Princeton, New Jersey		b. NUMBER DE-AC02-09CH11466		b. PHASE CD-3		b. TO (YYYYMMDD) 2012 / 11 / 30	
c. TYPE M&O		d. SHARE RATIO		c. EVMS ACCEPTANCE NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (YYYYMMDD) 2011 / 12 / 20			

OBS (3)	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)						
ITEM (1)																
1000 CSU Analytical Support (Dudek)	16	16	10	0	5	344	344	376	0	-33	0	0	0	705	738	-33
1001 CS Plasma Facing Components (Tresemer)	54	34	23	-20	11	1,333	1,347	1,093	15	254	0	0	0	2,254	1,999	254
1002 Passive Plate Analysis & Upgrade (Atnafu)	0	0	2	0	-2	442	428	449	-14	-20	0	0	0	442	463	-20
1200 Structures & Supports (Smith)	164	11	12	-154	-1	2,829	3,295	4,139	466	-844	0	0	0	3,765	4,609	-844
1300 Center Stack (Chrzanowski)	71	71	97	0	-26	1,019	1,019	1,080	0	-61	0	0	0	1,778	1,839	-61
1301 Outer TF Coils (Chrzanowski)	60	3	51	-57	-47	143	132	165	-11	-33	0	0	0	471	504	-34
1302 Center Stack Assembly (Chrzanowski)	93	0	0	-93	0	210	27	29	-183	-2	0	0	0	870	872	-3
1303 TF Joint Test Stand & Test (CLOSED)	0	0	0	0	0	353	353	225	0	128	0	0	0	353	225	128
1304 Inner TF Bundle (Chrzanowski)	85	230	87	146	143	2,299	2,175	2,346	-125	-171	0	0	0	3,642	3,812	-170
1305 Ohmic Heating Coil (Chrzanowski)	456	63	246	-393	-183	4,754	3,781	5,223	-973	-1,442	0	0	0	5,954	7,396	-1,441
1306 Inner PF Coils (Chrzanowski)	66	0	0	-66	0	542	305	446	-238	-141	0	0	0	838	979	-141
1307 CS Casing Assembly (Chrzanowski)	66	96	68	30	28	1,096	844	883	-251	-39	0	0	0	1,384	1,423	-40
1310 CSU Magnets Systems (CLOSED)	0	0	0	0	0	442	442	442	0	0	0	0	0	442	442	0
3200 Water Cooling System Mods (Atnafu)	0	0	9	0	-9	74	68	58	-6	10	0	0	0	195	185	10
3300 Bakeout System Mods CSU (Raki)	0	0	0	0	0	5	55	39	50	16	0	0	0	79	63	17
3400 Gas Delivery System Mods (Blanchard)	0	0	1	0	-1	41	39	32	-2	7	0	0	0	102	96	6
4100 Center Stack Diagnostics (Kaika)	32	0	2	-32	-2	490	565	443	75	122	0	0	0	836	714	121
4500 MPTS VV Modification (Labik)	1	3	30	1	-28	904	786	1,062	-119	-276	0	0	0	1,137	1,413	-277
5000 CSU Power Systems (Raki)	60	69	20	9	49	2,154	2,382	2,247	229	135	0	0	0	5,735	6,132	-396
5200 DCPs (Hatcher)	175	20	23	-155	-2	1,313	847	914	-466	-68	0	0	0	2,523	2,590	-68
5501 Coil Bus Runs (Smith)	54	27	35	-28	-8	472	487	416	15	72	0	0	0	1,586	1,515	72
6100 Control Sys Data Acquisition (Sichta)	2	2	13	0	-11	181	287	273	107	15	0	0	0	956	941	15
7200 Center Stack Management (Dudek)	18	72	25	54	47	915	915	906	0	9	0	0	0	1,539	1,583	-44
8200 CS & Coil Supt Struct Install (Perry)	97	107	227	10	-120	2,513	2,490	2,815	-23	-325	0	0	0	6,561	6,886	-325
8210 Field Supervision & Oversight (Perry)	44	44	38	0	6	665	665	578	0	88	0	0	0	1,488	1,400	89
8250 Remove/Install Centerstack (Perry)	18	11	0	-7	11	97	70	2	-26	68	0	0	0	1,023	954	69
2300 ECH Analysis (CLOSED)	0	0	0	0	0	84	84	29	0	55	0	0	0	84	29	55
2420 2nd NBI Sources (CLOSED)	0	0	0	0	0	4	99	61	95	38	0	0	0	99	61	38
2425 BL Relocation (Atnafu)	110	59	35	-51	23	1,176	997	734	-180	263	0	0	0	1,803	1,540	263
2430 2nd NBI Decontamination (CLOSED)	0	0	0	0	0	2,057	2,057	2,070	0	-13	0	0	0	2,057	2,070	-13
2440 2nd NBI Beamline (Cropper)	58	143	85	85	58	1,425	1,678	1,201	253	477	0	0	0	1,979	1,502	477
2450 2nd NBI Services (Atnafu)	20	79	89	58	-10	704	1,296	1,201	592	95	0	0	0	4,506	4,411	95
2460 2nd NBI Armor (Tresemer)	0	15	33	15	-18	392	600	750	208	-150	0	0	0	761	910	-149
2470 2nd NBI Power (Raki)	38	12	48	-27	-36	414	1,044	820	631	224	0	0	0	3,335	3,322	13
2475 2nd NBI Controls (Cropper)	104	0	22	-104	-22	1,050	1,450	1,263	400	187	0	0	0	2,611	2,425	186
2480 2nd NBI/TVPS Duct (Blanchard)	75	8	89	-68	-81	731	1,475	1,542	744	-67	0	0	0	1,952	2,019	-67
2485 Vacuum Pumping System (Blanchard)	0	0	1	0	-1	90	169	237	79	-67	0	0	0	388	455	-67
2490 NTC Equipment Relocations (Perry)	80	46	59	-34	-13	1,522	1,736	1,499	214	237	0	0	0	3,535	3,298	237
7300 NB2 Management (Stevenson)	21	21	13	0	8	638	638	576	0	62	0	0	0	1,278	1,217	61
7400 Health Physics Support (Stevenson)	69	35	73	-33	-38	1,889	1,889	1,126	0	763	0	0	0	2,507	1,744	763
7100 Project Management & Integration (Strykowski)	91	91	128	0	-37	4,223	4,223	4,285	0	-62	0	0	0	6,412	6,830	-418
7710 NSTX-U HP and Other Allocations (Strykowski)	38	38	27	0	11	2,132	2,132	1,740	0	392	0	0	0	2,922	2,530	392
7900 Integrated System (Gentile)	0	0	0	0	0	8	8	4	0	4	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	0	0
e. SUBTOTAL (Performance Measurement Baseline)	2,338	1,424	1,718	-913	-294	44,170	45,725	45,819	1,555	-94	0	0	0	82,965	84,211	-1,246
f. MANAGEMENT RESERVE														0		
g. TOTAL	2,338	1,424	1,718	-913	-294	44,170	45,725	45,819	1,555	-94	0	0	0	82,965		

CLASSIFICATION (When Filled In)

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) 11/1/2012				
b. LOCATION (Address and ZIP Code) Princeton, New Jersey			b. NUMBER DE-AC02-09CH11466				b. PHASE CD-3				b. TO (YYYYMMDD) 11/30/2012				
c. TYPE M&O			d. SHARE RATIO				c. EVMS ACCEPTANCE NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (YYYYMMDD) 2011 / 12 / 20								

OBS (2)	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)						
ITEM (1)																
CS Center Stack	\$1,632.85	\$878.26	\$1,018.03	-755	-140	25,632	24,150	26,681	-1,482	-2,531	0	0	0	46,657	49,772	-3,115
NB Neutral Beam	\$575.48	\$416.86	\$545.73	-159	-129	12,175	15,212	13,110	3,037	2,103	0	0	0	26,895	25,004	1,892
PM Project Management	\$129.37	\$129.37	\$154.64	0	-25	6,363	6,363	6,029	0	334	0	0	0	9,412	9,435	-22
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)	\$2,337.70	\$1,424.48	\$1,718.40	-913	-294	\$44,169.93	\$45,724.79	\$45,819.26	1,555	-94	\$0.00	\$0.00	\$0.00	82,965	\$84,211.13	-1,246
f. MANAGEMENT RESERVE														\$0.00		
g. TOTAL	2,338	1,424	1,718	-913	-294	44,170	45,725	45,819	1,555	-94	0	0	0	82,965		

CLASSIFICATION (When Filled In)

Report Options
 Criteria: OBS (2)
 Calendar Set: 18 Required Set
 Cost Sets: Scheduled, Performed, Actuals, Est. At Complete, , , Over target baseline

Baseline

CLASSIFICATION (When Filled In)														FORM APPROVED	
CONTRACT PERFORMANCE REPORT															
FORMAT 3 - BASELINE															
DOLLARS IN Thousands of \$												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 / 11 / 01			
b. LOCATION (Address and ZIP Code) Princeton, New Jersey				b. NUMBER DE-AC02-09CH11466				b. PHASE CD-3				b. TO (YYYYMMDD) 2012 / 11 / 30			
				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 5,648		c. CURRENT NEGOTIATED COST (a. + b.) 82,965		d. ESTIMATED COST OF AUTHORIZED UNPRICED WORK 0		e. CONTRACT BUDGET BASE (c. + d.) 82,965		f. TOTAL ALLOCATED BUDGET 0		g. DIFFERENCE (e. - f.) 82,965	
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 31DEC2012 (4)	+2 31JAN2013 (5)	+3 28FEB2013 (6)	+4 31MAR2013 (7)	+5 30APR2013 (8)	+6 31MAY2013 (9)	30JUN2013 (10)	31JUL2013 (11)	31AUG2013 (12)	30SEP2013 (13)	31OCT2013 (14)		
a. PERFORMANCE	41,832	2,338	2,212	2,487	1,876	1,508	1,776	1,930	1,395	2,096	2,008	1,971	2,900	0	82,710
b. BASELINE CHANGES AUTHORIZED DURING REPORTING PERIOD															
ECP-055															187
ECP-057															97
ECP-058															-31
ECP-063															2
c. PERFORMANCE MEASUREMENT BASELINE (End of Period)	44,170		2,207	2,528	1,960	1,562	1,790	1,958	1,392	2,092	2,001	1,967	2,917	0	82,965
7. MANAGEMENT RESERVE															0
8. TOTAL															82,965

CLASSIFICATION (When Filled In)

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

