

CONTRACT PERFORMANCE REPORT													FORM APPROVED								
FORMAT 1 - WORK BREAKDOWN STRUCTURE													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) 2013 / 10 / 01									
b. LOCATION (Address and ZIP Code) Princeton, New Jersey				b. NUMBER DE-AC02-09CH11466				b. PHASE CD-3				b. TO (YYYYMMDD) 2013 / 10 / 31									
c. TYPE M&O				d. SHARE RATIO				c. EVMS ACCEPTANCE NO X YES (YYYYMMDD) 2011 / 12 / 20													
5. CONTRACT DATA																					
a. QUANTITY 1	b. NEGOTIATED COST 86,146	c. ESTIMATED COST OF AUTHORIZED UNPRICED WORK 0	d. TARGET PROFIT/FEE 0	e. TARGET PRICE 86,146	f. ESTIMATED PRICE 0	g. CONTRACT CEILING 0	h. ESTIMATED CONTRACT CEILING 0	i. DATE OF OTB/OTS (YYYYMMDD)													
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			86,146			86,146															
8. PERFORMANCE DATA																					
WBS 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		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)											
1.1 Torus Systems	854	362	451	-492	-89	22,756	21,488	24,909	-1,267	-3,421	0	0	0	24,619	28,729	-4,110					
1.2 Plasma Heating and Current D	1,035	485	358	-550	127	18,192	17,395	16,726	-797	669	0	0	0	23,629	22,960	669					
1.3 Auxiliary Systems	55	0	0	-55	0	175	206	182	31	23	0	0	0	458	466	-9					
1.4 Plasma Diagnostics	3	35	46	32	-11	1,971	1,823	2,164	-148	-341	0	0	0	1,972	2,456	-484					
1.5 Power Systems	791	291	199	-500	92	7,042	6,205	6,213	-837	-8	0	0	0	10,193	10,527	-334					
1.6 Central Instrumentation & Co	98	5	2	-93	3	327	375	338	48	37	0	0	0	956	919	37					
1.7 Project Support & Integration	209	181	185	-28	-3	12,202	12,174	11,424	-28	749	0	0	0	14,513	14,086	427					
1.8 Site Preparation and Torus As	303	224	-4	-79	228	6,539	6,186	5,455	-354	730	0	0	0	9,805	9,338	467					
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	3,348	1,583	1,237	-1,765	346	69,203	65,852	67,413	-3,352	-1,561	0	0	0	86,146	89,483	-3,337					
f. MANAGEMENT RESERVE														0							
g. TOTAL	3,348	1,583	1,237	-1,765	346	69,203	65,852	67,413	-3,352	-1,561	0	0	0	86,146							
9. RECONCILIATION TO CONTRACT BUDGET BASELINE																					
a. VARIANCE ADJUSTMENT																					
b. TOTAL CONTRACT VARIANCE													86,146			89,483			-3,337		

CONTRACT PERFORMANCE REPORT															FORM APPROVED				
FORMAT 2 - ORGANIZATIONAL CATEGORIES															OMB No. 0704-0188				
Categories															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) 10/1/2013				
b. LOCATION (Address and ZIP Code) Princeton, New Jersey					b. NUMBER DE-AC02-09CH11466					b. PHASE CD-3					b. TO (YYYYMMDD) 10/31/2013				
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. PERFORMANCE DATA																			
OBS ITEM (1)	CURRENT PERIOD						CUMULATIVE TO DATE						REPROGRAMMING ADJUSTMENTS			AT COMPLETION			
	BUDGETED COST		ACTUAL	VARIANCE		BUDGETED COST		ACTUAL	VARIANCE		COST	SCHEDULE	BUDGET	BUDGETED	ESTIMATED	VARIANCE			
	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)	VARIANCE (12a)	VARIANCE (12b)	(13)	(14)	(15)	(16)			
CS Center Stack	\$2,123.26	\$936.42	\$724.52	-1,187	212	40,174	37,647	40,440	-2,527	-2,793	0	0	0	49,627	53,874	-4,246			
NB Neutral Beam	\$1,080.34	\$508.91	\$412.81	-571	96	21,287	20,468	19,268	-818	1,200	0	0	0	27,181	25,981	1,200			
PM Project Management	\$143.90	\$137.46	\$99.72	-6	38	7,743	7,737	7,705	-6	32	0	0	0	9,337	9,628	-290			
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)	\$3,347.50	\$1,582.78	\$1,237.04	-1,765	346	\$69,203.29	\$65,851.77	\$67,412.83	-3,352	-1,561	\$0.00	\$0.00	\$0.00	86,146	\$89,482.57	-3,337			
f. MANAGEMENT RESERVE														\$0.00					
g. TOTAL	3,348	1,583	1,237	-1,765	346	69,203	65,852	67,413	-3,352	-1,561	0	0	0	86,146					

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CATEGORIES															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) 10/1/2013				
b. LOCATION (Address and ZIP Code) Princeton, New Jersey					b. NUMBER DE-AC02-09CH11466					b. PHASE CD-3					b. TO (YYYYMMDD) 10/31/2013				
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. PERFORMANCE DATA																			
OBS ITEM (1)	CURRENT PERIOD						CUMULATIVE TO DATE						REPROGRAMMING ADJUSTMENTS			AT COMPLETION			
	BUDGETED COST		ACTUAL	VARIANCE		BUDGETED COST		ACTUAL	VARIANCE		COST	SCHEDULE	BUDGET	BUDGETED	ESTIMATED	VARIANCE			
	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)	VARIANCE (12a)	VARIANCE (12b)	(13)	(14)	(15)	(16)			
1000 CSU Analytical Support (Dudek)	\$18.36	\$18.36	\$6.39	0	12	523	523	525	0	-1	0	0	705	707	-1				
1001 CS Plasma Facing Components (Tresemmer)	\$57.44	\$14.06	\$18.47	-43	-4	2,012	1,929	1,714	-83	215	0	0	2,110	1,895	215				
1002 Passive Plate Analysis & Upgrade (Atnafu)	\$55.25	\$17.43	\$6.91	-38	11	709	669	524	-39	145	0	0	996	851	145				
1200 Structures & Supports (Smith)	\$8.12	\$0.00	\$1.22	-8	-1	3,780	3,763	4,459	-17	-696	0	0	3,791	4,487	-696				
1300 Center Stack (Chrzanowski)	\$61.47	\$61.47	\$105.92	0	-44	2,222	2,222	2,416	0	-194	0	0	2,536	2,730	-194				
1301 Outer TF Coils (CLOSED)	\$0.00	\$0.00	\$96.62	0	-97	471	471	477	0	-6	0	0	471	477	-6				
1302 Center Stack Assembly (Chrzanowski)	\$98.94	\$81.64	\$0.73	-17	81	684	236	171	-448	65	0	0	845	847	-3				
1303 TF Joint Test Stand & Test (CLOSED)	\$0.00	\$0.00	\$0.00	0	0	353	353	225	0	128	0	0	353	225	128				
1304 Inner TF Bundle (Chrzanowski)	\$228.24	\$0.00	-\$0.00	-228	0	3,007	3,098	3,213	91	-115	0	0	3,566	3,798	-232				
1305 Ohmic Heating Coil (Chrzanowski)	\$242.03	\$124.39	\$175.81	-118	-51	6,362	5,885	8,722	-477	-2,837	0	0	6,598	9,910	-3,312				
1306 Inner PF Coils (Chrzanowski)	\$76.48	\$34.39	\$32.03	-42	2	824	587	742	-237	-156	0	0	824	1,009	-185				
1307 CS Casing Assembly (Chrzanowski)	\$7.59	\$10.35	\$7.23	3	3	1,368	1,312	1,280	-57	32	0	0	1,384	1,352	32				
1310 CSU Magnets Systems (CLOSED)	\$0.00	\$0.00	\$0.00	0	0	442	442	442	0	0	0	0	442	442	0				
3200 Water Cooling System Mods (Atnafu)	\$0.00	\$0.00	\$0.00	0	0	74	68	38	-6	30	0	0	195	197	-1				
3300 Bakeout System Mods CSU (Raki)	\$8.22	\$0.00	\$0.00	-8	0	13	81	74	68	7	0	0	160	153	7				
3400 Gas Delivery System Mods (Blanchard)	\$46.61	\$0.00	\$0.00	-47	0	88	56	70	-32	-14	0	0	102	116	-14				
4100 Center Stack Diagnostics (Kaita)	\$0.00	\$14.92	\$11.40	15	4	836	733	648	-103	85	0	0	836	751	85				
4500 MPTS VV Modification (Labik)	\$2.70	\$20.00	\$34.33	17	-14	1,135	1,090	1,516	-45	-426	0	0	1,137	1,705	-568				
5000 CSU Power Systems (Raki)	\$536.39	\$125.68	\$37.70	-411	88	3,686	3,515	2,833	-170	682	0	0	5,735	5,117	618				
5200 DCPS (Hatcher)	\$157.95	\$66.32	\$126.62	-92	-60	2,161	1,765	2,501	-396	-736	0	0	2,406	3,405	-999				
5501 Coil Bus Runs (Atnafu)	\$97.05	\$99.28	\$34.97	2	64	1,195	925	879	-270	46	0	0	2,051	2,005	46				
6100 Control Sys Data Acquisition (Sichta)	\$98.19	\$4.93	\$2.15	-93	3	327	375	338	48	37	0	0	956	919	37				
7200 Center Stack Management (Dudek)	\$19.61	\$19.61	\$30.24	0	-11	1,364	1,364	1,178	0	186	0	0	1,624	1,438	186				
8200 CS & Coil Supt Struct Install (Perry)	\$248.97	\$189.64	-\$30.93	-59	221	5,164	4,837	4,527	-327	310	0	0	7,156	6,846	310				
8210 Field Supervision & Oversight (Perry)	\$33.95	\$33.95	\$22.13	0	12	1,117	1,117	921	0	196	0	0	1,426	1,230	196				
8250 Remove/Install Centerstack (Perry)	\$19.73	\$0.00	\$4.60	-20	-5	258	231	7	-27	224	0	0	1,223	1,262	-40				
2300 ECH Analysis (CLOSED)	\$0.00	\$0.00	\$0.00	0	0	84	84	29	0	55	0	0	84	29	55				
2420 2nd NBI Sources (CLOSED)	\$76.09	\$0.00	\$0.00	-76	0	284	99	61	-185	38	0	0	99	61	38				
2425 BL Relocation (Cropper)	\$0.00	\$62.56	\$31.12	63	31	1,803	1,694	1,186	-108	509	0	0	1,803	1,294	509				
2430 2nd NBI Decontamination (CLOSED)	\$0.00	\$0.00	\$0.00	0	0	2,057	2,057	2,070	0	-13	0	0	2,057	2,070	-13				
2440 2nd NBI Beamline (Cropper)	\$0.00	\$0.00	\$4.76	0	-5	1,979	1,901	1,512	-78	389	0	0	1,979	1,590	389				
2450 2nd NBI Services (Cropper)	\$369.01	\$32.64	\$40.03	-336	-7	3,554	3,508	3,226	-47	282	0	0	4,950	4,669	281				
2460 2nd NBI Armor (Tresemmer)	\$54.00	\$0.00	-\$1.47	-54	1	572	653	880	82	-226	0	0	761	987	-226				
2470 2nd NBI Power (Raki)	\$339.81	\$341.23	\$274.60	1	67	1,786	1,522	1,671	-264	-149	0	0	3,492	3,641	-149				
2475 2nd NBI Controls (Cropper)	\$56.69	\$2.23	-\$2.98	-54	5	2,064	1,716	1,367	-349	349	0	0	2,611	2,262	349				
2480 2nd NBI/TVPS Duct (Blanchard)	\$109.40	\$34.39	\$0.69	-75	34	1,929	1,967	2,278	38	-310	0	0	2,094	2,405	-311				
2485 Vacuum Pumping System (Blanchard)	\$19.89	\$3.66	\$0.00	-16	4	110	299	361	188	-63	0	0	388	450	-63				
2490 NTC Equipment Relocations (Perry)	\$9.79	\$7.92	\$11.30	-2	-3	1,970	1,894	2,085	-75	-190	0	0	3,311	3,502	-191				
7300 NB2 Management (Stevenson)	\$22.80	\$22.80	\$12.03	0	11	867	867	732	0	135	0	0	1,103	968	135				
7400 Health Physics Support (Stevenson)	\$22.87	\$1.47	\$42.74	-21	-41	2,227	2,206	1,811	-21	396	0	0	2,449	2,054	395				
7100 Project Management & Integration (Strykowski)	\$104.29	\$104.29	\$79.19	0	25	5,222	5,222	5,457	0	-235	0	0	6,412	7,010	-598				
7710 NSTX-U HP and Other Allocations (Strykowski)	\$33.00	\$33.00	\$20.52	0	12	2,506	2,506	2,244	0	262	0	0	2,847	2,545	303				
7900 Integrated System (Gentile)	\$6.61	\$0.17	\$0.00	-6	0	16	9	4	-6	5	0	0	78	73	5				
b. COST OF MONEY	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				
d. UNDISTRIBUTED BUDGET													\$0.00	\$0.00	0				
e. SUBTOTAL (Performance Measurement Baseline)	\$3,347.50	\$1,582.78	\$1,237.04	-1,765	346	\$69,203.29	\$65,851.77	\$67,412.83	-3,352	-1,561	\$0.00	\$0.00	\$0.00	86,146	\$89,482.57	-3,337			

CONTRACT PERFORMANCE REPORT FORMAT 3 - BASELINE												DOLLARS IN Thousands of \$		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 a 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) 2013 / 10 / 01					
b. LOCATION (Address and ZIP Code) Princeton, New Jersey				b. NUMBER DE-AC02-09CH11466				b. PHASE CD-3				b. TO (YYYYMMDD) 2013 / 10 / 31					
c. TYPE M&O				d. SHARE RATIO				c. EVMS ACCEPTANCE NO X YES (YYYYMMDD) 2011 / 12 / 20									
5. CONTRACT DATA																	
a. ORIGINAL NEGOTIATED COST 77,317				b. NEGOTIATED CONTRACT CHANGES 8,829		c. CURRENT NEGOTIATED COST (a. + b.) 86,146		d. ESTIMATED COST OF AUTHORIZED UNPRICED WORK 0		e. CONTRACT BUDGET BASE (c. + d.) 86,146		f. TOTAL ALLOCATED BUDGET 86,146		g. DIFFERENCE (e. - f.) 0			
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		BCWS CUMULATIVE TO DATE	BCWS FOR REPORT PERIOD	BUDGETED COST FOR WORK SCHEDULED (BCWS) (Non-Cumulative)										UNDISTRIBUTED BUDGET	TOTAL BUDGET		
ITEM (1)		(2)	(3)	SIX MONTH FORECAST (Enter names of months)						ENTER SPECIFIED PERIODS						(15)	(16)
				+1 30NOV2013	+2 31DEC2013	+3 31JAN2014	+4 28FEB2014	+5 31MAR2014	+6 30APR2014	31MAY2014	30JUN2014	31JUL2014	31AUG2014	30SEP2014			
a. PERFORMANCE MEASUREMENT		65,856	3,348	2,501	1,851	2,377	2,020	2,201	1,720	1,479	1,225	730	541	298	0	86,146	
b. BASELINE CHANGES AUTHORIZED DURING REPORTING PERIOD																	
c. PERFORMANCE MEASUREMENT BASELINE (End of Period)		69,203		2,501	1,851	2,377	2,020	2,201	1,720	1,479	1,225	730	541	298	0	86,146	
7. MANAGEMENT RESERVE																	
8. TOTAL																	

