

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) 2014 / 06 / 01				
b. LOCATION (Address and ZIP Code) Princeton, New Jersey					b. NUMBER DE-AC02-09CH11466					b. PHASE CD-3					b. TO (YYYYMMDD) 2014 / 06 / 30				
					c. TYPE M&O					c. EVMS ACCEPTANCE NO X YES (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	87,984	0	0	87,984	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									a. NAME (Last, First, Middle Initial) Ronald Strykowski										
b. WORST CASE									b. TITLE Project Manager										
c. MOST LIKELY			87,984			87,984			c. SIGNATURE										
									d. DATE SIGNED (YYYYMMDD)										
8. PERFORMANCE DATA																			
WBS (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)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12a)	(12b)	(13)	(14)	(15)	(16)			
1.1 1.1 Torus Systems	566	676	770	110	-94	25,159	24,117	29,409	-1,042	-5,292	0	0	0	25,652	31,358	-5,706			
1.2 1.2 Plasma Heating	149	329	323	180	6	23,265	21,293	19,760	-1,971	1,533	0	0	0	23,629	22,030	1,599			
1.3 1.3 Auxiliary System	115	82	40	-33	42	480	387	363	-93	24	0	0	0	682	658	24			
1.4 1.4 Plasma Diagnostics	0	32	50	32	-18	2,126	2,044	2,503	-82	-460	0	0	0	2,126	2,597	-471			
1.5 1.5 Power Systems	189	211	350	22	-139	10,359	8,909	8,713	-1,450	196	0	0	0	10,479	10,810	-331			
1.6 1.6 Central I&C	47	28	17	-19	11	901	702	672	-200	29	0	0	0	994	1,108	-114			
1.7 1.7 Project Support & Integra	184	184	208	0	-24	13,810	13,757	13,419	-53	338	0	0	0	14,513	14,824	-311			
1.8 1.8 Assembly	441	134	150	-307	-16	9,208	7,928	6,915	-1,280	1,013	0	0	0	9,909	8,988	920			
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	1,690	1,675	1,909	-15	-234	85,308	79,137	81,755	-6,171	-2,618	0	0	0	87,984	92,374	-4,390			
f. MANAGEMENT RESERVE														0					
g. TOTAL	1,690	1,675	1,909	-15	-234	85,308	79,137	81,755	-6,171	-2,618	0	0	0	87,984					
9. RECONCILIATION TO CONTRACT BUDGET BASELINE																			
a. VARIANCE ADJUSTMENT																			
b. TOTAL CONTRACT VARIANCE																			
										-6,171		-2,618		87,984		0		87,984	

CONTRACT PERFORMANCE REPORT FORMAT 2 - ORGANIZATIONAL CATEGORIES														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) 6/1/2014								
b. LOCATION (Address and ZIP Code) Princeton, New Jersey		b. NUMBER DE-AC02-09CH11466				b. PHASE CD-3				b. TO (YYYYMMDD) 6/30/2014								
c. TYPE M&O		d. SHARE RATIO		c. EVMS ACCEPTANCE #NAME? NO #NAME? YES (YYYYMMDD) #NAME?														
5. PERFORMANCE DATA																		
OBS (2)	CURRENT PERIOD						CUMULATIVE TO DATE						REPROGRAMMING			AT COMPLETION		
	BUDGETED COST		ACTUAL	VARIANCE		BUDGETED COST		ACTUAL	VARIANCE		ADJUSTMENTS			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)	COST VARIANCE (12a)	SCHEDULE VARIANCE (12b)	BUDGET (13)	(14)	(15)	(16)		
ITEM (1)																		
Center Stack	\$1,374.94	\$1,180.43	\$1,391.72	-\$194.51	-\$211.29	\$49,801.44	\$45,653.97	\$49,861.60	-\$4,147.47	-\$4,207.63	\$0.00	\$0.00	\$0.00	\$51,465.37	\$56,902.08	-\$5,436.71		
Neutral Beam	\$189.54	\$369.37	\$439.81	\$179.82	-\$70.45	\$26,689.68	\$24,718.34	\$23,069.92	-\$1,971.34	\$1,648.42	\$0.00	\$0.00	\$0.00	\$27,181.22	\$25,675.30	\$1,505.92		
Project Management	\$125.50	\$125.50	\$77.63	\$0.00	\$47.87	\$8,817.14	\$8,764.50	\$8,823.07	-\$52.64	-\$58.57	\$0.00	\$0.00	\$0.00	\$9,337.39	\$9,797.07	-\$459.68		
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	\$0.00		
e. SUBTOTAL (Performance Measurement Baseline)	\$1,689.99	\$1,675.30	\$1,909.16	-\$14.69	-\$233.86	\$85,308.25	\$79,136.81	\$81,754.59	-\$6,171.44	-\$2,617.78	\$0.00	\$0.00	\$0.00	\$87,983.98	\$92,374.46	-\$4,390.47		
f. MANAGEMENT RESERVE														\$0.00				
g. TOTAL	\$1,689.99	\$1,675.30	\$1,909.16	-\$14.69	-\$233.86	\$85,308.25	\$79,136.81	\$81,754.59	-\$6,171.44	-\$2,617.78	\$0.00	\$0.00	\$0.00	\$87,983.98				

CONTRACT PERFORMANCE REPORT FORMAT 2 - ORGANIZATIONAL CATEGORIES														DOLLARS IN		Thousands of \$		FORM APPROVED	
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) 2014 / 06 / 01							
b. LOCATION (Address and ZIP Code) Princeton, New Jersey				b. NUMBER DE-AC02-09CH11466				b. PHASE CD-3				b. TO (YYYYMMDD) 2014 / 06 / 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. PERFORMANCE DATA																			
OBS (3)	CURRENT PERIOD						CUMULATIVE TO DATE						REPROGRAMMING			AT COMPLETION			
	BUDGETED COST		ACTUAL	VARIANCE		BUDGETED COST		ACTUAL	VARIANCE		ADJUSTMENTS			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)	COST VARIANCE (12a)	SCHEDULE VARIANCE (12b)	BUDGET (13)	(14)	(15)	(16)			
ITEM (1)																			
1000 CSU Analytical Support (Dudek)	17	17	8	0	9	654	654	654	0	0	0	0	0	705	705	0			
1001 CS Plasma Facing Components (Tresemer)	0	0	5	0	-5	2,110	2,035	1,912	-75	123	0	0	0	2,110	1,998	112			
1002 Passive Plate Analysis & Upgrade (Atnafu)	156	0	6	-156	-6	939	769	595	-171	174	0	0	0	996	823	173			
1200 Structures & Supports (Smith)	0	0	-1	0	1	3,805	3,805	4,510	0	-705	0	0	0	3,805	4,510	-705			
1300 Center Stack (Chrzanowski)	96	96	40	0	55	2,818	2,818	3,234	0	-415	0	0	0	2,876	3,402	-525			
1301 Outer TF Coils (CLOSED)	0	0	0	0	0	471	471	477	0	-7	0	0	0	471	477	-7			
1302 Center Stack Assembly (Chrzanowski)	0	52	50	0	52	845	302	303	-543	-2	0	0	0	845	981	-137			
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)	278	292	308	14	-16	3,778	3,639	3,766	-139	-127	0	0	0	4,045	4,172	-127			
1305 Ohmic Heating Coil (Chrzanowski)	0	94	252	94	-158	6,676	6,518	10,655	-158	-4,137	0	0	0	6,676	10,971	-4,295			
1306 Inner PF Coils (Chrzanowski)	20	85	11	65	74	884	944	1,032	60	-88	0	0	0	944	1,032	-88			
1307 CS Casing Assembly (Chrzanowski)	0	39	90	39	-51	1,384	1,367	1,603	-17	-236	0	0	0	1,384	1,620	-236			
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)	113	77	36	-36	41	237	193	127	-44	66	0	0	0	420	353	67			
3300 Bakeout System Mods CSU (Raki)	2	5	5	4	1	141	135	153	-5	-18	0	0	0	160	178	-18			
3400 Gas Delivery System Mods (Blanchard)	0	0	0	0	0	102	58	83	-44	-25	0	0	0	102	127	-25			
4100 Center Stack Diagnostics (Kaiba)	0	0	30	0	-30	836	765	803	-70	-37	0	0	0	836	873	-37			
4500 MPTS VV Modification (Labik)	0	0	0	0	0	1,137	1,137	1,597	0	-461	0	0	0	1,137	1,597	-461			
5000 CSU Power Systems (Raki)	13	83	115	70	-32	5,711	5,140	3,648	-571	1,492	0	0	0	5,735	4,628	1,108			
5200 DCPS (Stevenson)	39	99	151	60	-52	2,691	2,426	3,606	-265	-1,180	0	0	0	2,692	4,015	-1,323			
5501 Coil Bus Runs (Atnafu)	137	28	83	-109	-55	1,957	1,343	1,459	-614	-116	0	0	0	2,051	2,167	-116			
6100 Control Sys Data Acquisition (Sichta)	47	28	17	-19	11	901	702	672	-200	29	0	0	0	994	1,108	-114			
7200 Center Stack Management (Dudek)	18	18	14	0	4	1,568	1,568	1,286	0	282	0	0	0	1,624	1,382	242			
8200 CS & Coil Supt Struct Install (Perry)	268	106	126	-162	-20	6,841	6,280	5,672	-561	608	0	0	0	7,114	6,300	814			
8210 Field Supervision & Oversight (Perry)	28	28	24	0	3	1,342	1,342	1,153	0	189	0	0	0	1,426	1,366	61			
8250 Remove/Install Centerstack (Perry)	145	0	0	-145	0	1,025	306	91	-719	216	0	0	0	1,368	1,323	46			
4501 Bay A and L RWM Coil (Labik)	0	32	21	32	12	154	142	103	-12	39	0	0	0	154	127	27			
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	99	99	61	0	38	0	0	0	99	61	38			
2425 BL Relocation (Cropper)	0	0	1	0	-1	1,803	1,743	1,231	-60	512	0	0	0	1,803	1,268	535			
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)	0	14	34	14	-20	1,979	1,946	1,588	-33	358	0	0	0	1,979	1,646	333			
2450 2nd NBI Services (Cropper)	65	174	97	109	77	4,823	4,472	3,976	-351	496	0	0	0	4,950	4,304	647			
2460 2nd NBI Armor (Tresemer)	0	0	27	0	-27	761	754	1,010	-7	-257	0	0	0	761	1,027	-267			
2470 2nd NBI Power (Raki)	36	7	41	-29	-34	3,471	3,172	2,799	-299	372	0	0	0	3,492	3,242	250			
2475 2nd NBI Controls (Cropper)	0	25	52	25	-27	2,611	1,945	1,565	-666	379	0	0	0	2,611	2,181	430			
2480 2nd NBI/TVPS Duct (Blanchard)	0	0	4	0	-4	2,094	2,087	2,453	-7	-366	0	0	0	2,094	2,460	-366			
2485 Vacuum Pumping System (Blanchard)	5	0	0	-5	0	335	358	404	23	-46	0	0	0	388	434	-46			
2490 NTC Equipment Relocations (Perry)	43	110	67	67	43	3,148	2,577	2,573	-571	4	0	0	0	3,311	3,307	4			
7300 NB2 Management (Stevenson)	21	21	12	0	9	1,038	1,038	851	0	187	0	0	0	1,103	945	158			
7400 Health Physics Support (Stevenson)	20	20	105	0	-85	2,387	2,387	2,459	0	-71	0	0	0	2,449	2,700	-251			
7100 Project Management & Integration (Strykowski)	95	95	80	0	15	6,001	6,001	6,283	0	-282	0	0	0	6,412	6,912	-500			
7710 NSTX-U HP and Other Allocations (Strykowski)	30	30	-3	0	33	2,752	2,752	2,536	0	217	0	0	0	2,847	2,833	14			
7900 Integrated System (Gentile)	0	0	0	0	0	63	11	4	-53	7	0	0	0	78	52	26			
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)	1,690	1,675	1,909	-15	-234	85,308	79,137	81,755	-6,171	-2,618	0	0	0	87,984	92,374	-4,390			
f. MANAGEMENT RESERVE														0					
g. TOTAL	1,690	1,675	1,909	-15	-234	85,308	79,137	81,755	-6,171	-2,618	0	0	0	87,984					

CONTRACT PERFORMANCE REPORT FORMAT 3 - BASELINE													FORM APPROVED				
											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) 2014 / 06 / 01						
b. LOCATION (Address and ZIP Code) Princeton, New Jersey			b. NUMBER DE-AC02-09CH11466				b. PHASE CD-3				b. TO (YYYYMMDD) 2014 / 06 / 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 10,667		c. CURRENT NEGOTIATED COST (a. + b.) 87,984		d. ESTIMATED COST OF AUTHORIZED UNPRICED WORK 0		e. CONTRACT BUDGET BASE (c. + d.) 87,984		f. TOTAL ALLOCATED BUDGET 88,202		g. DIFFERENCE (e. - f.) -218				
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 31JUL2014 (4)	+2 31AUG2014 (5)	+3 30SEP2014 (6)	+4 31OCT2014 (7)	+5 30NOV2014 (8)	+6 31DEC2014 (9)	31JAN2015 (10)	28FEB2015 (11)	31MAR2015 (12)	30APR2015 (13)	31MAY2015 (14)				
a. PERFORMANCE MEASUREMENT	83,618	1,690	1,186	975	338	27	0	0	0	0	0	0	0	0	0	0	87,834
b. BASELINE CHANGES AUTHORIZED DURING REPORTING PERIOD ECP-117																	150
c. PERFORMANCE MEASUREMENT BASELINE (End of Period)	85,308		1,127	1,184	338	27	0	0	0	0	0	0	0	0	0	0	87,984
7. MANAGEMENT RESERVE																	0
8. TOTAL																	87,984

