CLASSIFICATION (When Filled In)

CONTRACT PERFORMANCE REPORT
FORMAT 5 - Explanations and Problem Analysis

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) 2013 / 04 / 01
b. LOCATION (Address and ZIP Code) Princeton, New Jersey	b. NUMBER DE-AC02-09CH11466		b. PHASE CD-3		b. TO (YYYYMMDD) 2013 / 04 / 30
	c. TYPE M&O	d. SHARE RATIO	c. EVMS ACCEPTANCE No X Yes (YYYYMMDI 2011 / 12 / 20		

5. Evaluation

1.4 / 4500 MPTS VV Modification

	Budget	Earned	Actuals	SV in $	SV in %	CV in $	CV in %	SPI	CPI
Current:	38	20	47	-18	-47%	-27	-132%	0.53	0.43
Cumulative:	1,095	952	1,297	-142	-13%	-345	-36%	0.87	0.73
	BAC	EAC	VAC in $	VAC in %	TCPI to BAC	TCPI to EAC			
At Complete:	1,137	1,614	-478	-42%	-	0.58			

Explanation of Variance/Description of Problem:
This has been explained in the past. The overconstraint due to the reconfigured laser path resulted in a very complex design. The FEA package to accommodate all loads on a global model was developed by personnel working on the MPTS since the FEA tool was not ready in the time frame required by MPTS. The optics analysis was an order of magnitude greater than estimated. There was far too much job scope included all of which was impacted by the general overconstraint. Design drafting was greatly underestimated part of the problem being hardware that had difficulty dealing with the very large model which defines MPTS.

Impact:
Much greater cost and time.The EAC is $1614K

Corrective Action:
None required at this time. The project has postponed the installation of the Bay FG port plug to July 2013. The parts are ready for FG. The diagnostics vacuum interfaces for the Bay L port are being assembled. The RWM coil and Locked mode coil for Bay AL have an initial mock up fabricated but access to the area is restricted at this time. The Locked mode coil reconfiguration has not started yet. The tFIDA heavy wall tube has been fabricated and about 1/2 of the fixture for installation is designed.+

Monthly Summary (to include technical causes of VARs, Impacts) and Corrective Action(s):
The $317K ETC appears to be sufficient to complete this job.

Prepared by: G. Labik George Labik Digitally signed by George Labik DN: cn=George Labik, o=PPPL, ou=Engineering, email=glabik@pppl.gov, c=US Date: 2013.05.30 15:47:35 -04'00' **Date: 30 May 2013** **Approved by:** **Date:**

{CostProject.Classification}
CLASSIFICATION (When Filled In)

CONTRACT PERFORMANCE REPORT
FORMAT 5 - Explanations and Problem Analysis

FORM APPROVED
OMB No. 0704-0188

1. CONTRACTOR	**2. CONTRACT**		**3. PROGRAM**	**4. REPORT PERIOD**
a. NAME {CostProject.ContractorName}	**a. NAME** {CostProject.ContractName}		**a. NAME** {CostProject.Description}	**a. FROM (YYYYMMDD)** {CostProject.PeriodStartDate}
b. LOCATION (Address and ZIP Code) {CostProject.ContractorLocation}	**b. NUMBER** {CostProject.ContractNumber}		**b. PHASE** {CostProject.ContractPhase}	**b. TO (YYYYMMDD)** {CostProject.StatusDate}
	c. TYPE {CostProject.Contr	**d. SHARE RATIO** {CostProject.ShareR	**c. EVMS ACCEPTANCE** **{=if(CostProject.E No** **{=if(CostProject.EvmsAc Yes** **(YYYYMMDI** {=if(CostProject.Ev	

5. Evaluation

{=CONCATENATE(REPT(" ",CriteriaN.Level-1),"CriteriaN.Id"," CriteriaN.Description")}

	{Term.Budget}	**{Term.Earned}**	**{Term.Actuals}**	**SV in {CostProjec**	**SV in %**	**CV in {CostProject.CurrencySymb**	**CV in %**	**SPI**	**CPI**
Current:	t1.Period2.Value}	Set2.Period2.Value}	Set3.Period2.Value}	,J47,V,ValueBoth)}	-4],S,P,J47,P,PercentBoth)}	GHT(Cell[R,C-4],C,P,J47,V,ValueBoth)}	ercentBoth)}	/ Cell[R, C-7]),"-")}	Cell[R,C-7] / Cell[R, C-6]),"-")}
Cumulative:	t1.Period2.Value)}	et2.Period2.Value)}	et3.Period2.Value)}	,J47,V,ValueBoth)}	-4],S,C,J47,P,PercentBoth)}	GHT(Cell[R,C-4],C,C,J47,V,ValueBoth)}	ercentBoth)}	/ Cell[R, C-7]),"-")}	Cell[R,C-7] / Cell[R, C-6]),"-")}
	{Term.BAC}	**{Term.EAC}**	**VAC in {CostProje**	**VAC in %**	**TCPI to {Term.BAC}**	**TCPI to {Term.EAC}**			
At Complete:	t1.Period3.Value)}	et4.Period3.Value)}	A,J47,V,ValueBoth)}	47,P,PercentBoth)}	R,C-4] - Cell[R-2,C-2])),"-")}	C-4])/(Cell[R,C-4] - Cell[R-2,C-3])),"-")}			

Explanation of Variance/Description of Problem:
{Narrative.Explanation}

Impact:
{Narrative.Impact}

Corrective Action:
{Narrative.CorrectiveAction}

Monthly Summary (to include technical causes of VARs, Impacts) and Corrective Action(s):
{Narrative.MonthlySummary}

Prepared by: **Date:** **Approved by:** **Date:**

Date	18 Label	Hours
3/31/2013	PREVIOUS	8192
4/30/2013	TODATE	176
12/31/2020	ATCOMPLETE	15800

Code File	Code	Threshold CV Value At Co
NSTXUWBS	1	$0.00
NSTXUWBS	1.1	$0.00
NSTXUWBS	1.2	$0.00
NSTXUWBS	1.3	$0.00
NSTXUWBS	1.4	$0.00
NSTXUWBS	1.5	$0.00
NSTXUWBS	1.6	$0.00
NSTXUWBS	1.7	$0.00
NSTXUWBS	1.8	$0.00

Threshold CV Value At Co	Threshold CV % At Compl	Threshold CV % At Compl	Threshold CV Value Cumu
$0.00	0	0	$0.00
$0.00	0	0	$0.00
$0.00	0	0	$0.00
$0.00	0	0	$0.00
$0.00	0	0	$0.00
$0.00	0	0	$0.00
$0.00	0	0	$0.00
$0.00	0	0	$0.00
$0.00	0	0	$0.00

Threshold CV Value Cumu	Threshold CV % Cumulati	Threshold CV % Cumulati	Threshold CV Value Curre
$0.00	15	10	$0.00
$0.00	15	10	$0.00
$0.00	15	10	$0.00
$0.00	15	10	$0.00
$0.00	15	10	$0.00
$0.00	15	10	$0.00
$0.00	15	10	$0.00
$0.00	15	10	$0.00
$0.00	15	10	$0.00

Threshold CV Value Curre	Threshold CV % Current P	Threshold CV % Current P	Threshold SV Value Cumu
$0.00	0	0	$0.00
$0.00	0	0	$0.00
$0.00	0	0	$0.00
$0.00	0	0	$0.00
$0.00	0	0	$0.00
$0.00	0	0	$0.00
$0.00	0	0	$0.00
$0.00	0	0	$0.00
$0.00	0	0	$0.00

Threshold SV Value Cumu	Threshold SV % Cumulativ	Threshold SV % Cumulativ	Threshold SV Value Curre
$0.00	15	10	$0.00
$0.00	15	10	$0.00
$0.00	15	10	$0.00
$0.00	15	10	$0.00
$0.00	15	10	$0.00
$0.00	15	10	$0.00
$0.00	15	10	$0.00
$0.00	15	10	$0.00
$0.00	15	10	$0.00

Threshold SV Value Curre	Threshold SV % Current P	Threshold SV % Current Period Unfavorable
$0.00	0	0
$0.00	0	0
$0.00	0	0
$0.00	0	0
$0.00	0	0
$0.00	0	0
$0.00	0	0
$0.00	0	0
$0.00	0	0

Control Account	Category	Narrative

Control Account	Cost Set	Date	Value
1.1 / 1000	BCWS	3/31/2013	$405.46
1.1 / 1000	BCWS	4/30/2013	$16.99
1.1 / 1000	BCWS	12/31/2020	$282.83
1.1 / 1000	BCWP	3/31/2013	$405.46
1.1 / 1000	BCWP	4/30/2013	$16.99
1.1 / 1000	ACWP	3/31/2013	$450.48
1.1 / 1000	ACWP	4/30/2013	$10.40
1.1 / 1000	EAC	3/31/2013	$450.48
1.1 / 1000	EAC	4/30/2013	$10.40
1.1 / 1000	EAC	12/31/2020	$283.00
1.1 / 1001	BCWS	3/31/2013	$1,896.85
1.1 / 1001	BCWS	4/30/2013	$38.31
1.1 / 1001	BCWS	12/31/2020	$174.82
1.1 / 1001	BCWP	3/31/2013	$1,692.96
1.1 / 1001	BCWP	4/30/2013	$5.48
1.1 / 1001	ACWP	3/31/2013	$1,366.14
1.1 / 1001	ACWP	4/30/2013	$8.35
1.1 / 1001	EAC	3/31/2013	$1,366.14
1.1 / 1001	EAC	4/30/2013	$8.35
1.1 / 1001	EAC	12/31/2020	$388.00
1.1 / 1002	BCWS	3/31/2013	$549.19
1.1 / 1002	BCWS	4/30/2013	$54.77
1.1 / 1002	BCWS	12/31/2020	$35.19
1.1 / 1002	BCWP	3/31/2013	$540.87
1.1 / 1002	BCWP	4/30/2013	$57.41
1.1 / 1002	ACWP	3/31/2013	$469.44
1.1 / 1002	ACWP	4/30/2013	$19.29
1.1 / 1002	EAC	3/31/2013	$469.44
1.1 / 1002	EAC	4/30/2013	$19.29
1.1 / 1002	EAC	12/31/2020	$41.00
1.1 / 1200	BCWS	3/31/2013	$3,377.13
1.1 / 1200	BCWS	4/30/2013	$51.29
1.1 / 1200	BCWS	12/31/2020	$344.94
1.1 / 1200	BCWP	3/31/2013	$3,531.99
1.1 / 1200	BCWP	4/30/2013	$7.91
1.1 / 1200	ACWP	3/31/2013	$4,284.72
1.1 / 1200	ACWP	4/30/2013	$13.07
1.1 / 1200	EAC	3/31/2013	$4,284.72
1.1 / 1200	EAC	4/30/2013	$48.15
1.1 / 1200	EAC	12/31/2020	$82.92
1.1 / 1300	BCWS	3/31/2013	$1,289.51
1.1 / 1300	BCWS	4/30/2013	$86.71
1.1 / 1300	BCWS	12/31/2020	$507.35
1.1 / 1300	BCWP	3/31/2013	$1,290.07
1.1 / 1300	BCWP	4/30/2013	$86.15
1.1 / 1300	ACWP	3/31/2013	$1,552.07

1.1 / 1300	ACWP	4/30/2013	$154.67
1.1 / 1300	EAC	3/31/2013	$1,552.07
1.1 / 1300	EAC	4/30/2013	$154.67
1.1 / 1300	EAC	12/31/2020	$1,065.00
1.1 / 1301	BCWS	3/31/2013	$400.47
1.1 / 1301	BCWS	12/31/2020	$70.06
1.1 / 1301	BCWP	3/31/2013	$265.97
1.1 / 1301	ACWP	3/31/2013	$263.98
1.1 / 1301	ACWP	4/30/2013	$30.04
1.1 / 1301	EAC	3/31/2013	$263.98
1.1 / 1301	EAC	4/30/2013	$30.04
1.1 / 1301	EAC	12/31/2020	$205.00
1.1 / 1302	BCWS	3/31/2013	$251.89
1.1 / 1302	BCWS	4/30/2013	$6.67
1.1 / 1302	BCWS	12/31/2020	$613.57
1.1 / 1302	BCWP	3/31/2013	$54.79
1.1 / 1302	ACWP	3/31/2013	$41.88
1.1 / 1302	EAC	3/31/2013	$99.72
1.1 / 1302	EAC	4/30/2013	$60.59
1.1 / 1302	EAC	12/31/2020	$699.57
1.1 / 1303	BCWS	3/31/2013	$352.88
1.1 / 1303	BCWP	3/31/2013	$352.88
1.1 / 1303	ACWP	3/31/2013	$225.08
1.1 / 1303	EAC	3/31/2013	$224.57
1.1 / 1304	BCWS	3/31/2013	$2,823.08
1.1 / 1304	BCWS	12/31/2020	$786.79
1.1 / 1304	BCWP	3/31/2013	$2,380.94
1.1 / 1304	BCWP	4/30/2013	$377.90
1.1 / 1304	ACWP	3/31/2013	$2,530.03
1.1 / 1304	ACWP	4/30/2013	$312.44
1.1 / 1304	EAC	3/31/2013	$2,530.03
1.1 / 1304	EAC	4/30/2013	$312.44
1.1 / 1304	EAC	12/31/2020	$852.00
1.1 / 1305	BCWS	3/31/2013	$5,052.75
1.1 / 1305	BCWS	4/30/2013	$205.93
1.1 / 1305	BCWS	12/31/2020	$1,121.12
1.1 / 1305	BCWP	3/31/2013	$4,416.70
1.1 / 1305	BCWP	4/30/2013	$319.57
1.1 / 1305	ACWP	3/31/2013	$6,324.55
1.1 / 1305	ACWP	4/30/2013	$336.58
1.1 / 1305	EAC	3/31/2013	$6,324.55
1.1 / 1305	EAC	4/30/2013	$336.58
1.1 / 1305	EAC	12/31/2020	$1,686.00
1.1 / 1306	BCWS	3/31/2013	$331.14
1.1 / 1306	BCWS	4/30/2013	$71.58
1.1 / 1306	BCWS	12/31/2020	$421.36
1.1 / 1306	BCWP	3/31/2013	$331.14

1.1 / 1306	ACWP	3/31/2013	$473.16
1.1 / 1306	EAC	3/31/2013	$473.16
1.1 / 1306	EAC	12/31/2020	$493.00
1.1 / 1307	BCWS	3/31/2013	$1,306.05
1.1 / 1307	BCWS	4/30/2013	$32.33
1.1 / 1307	BCWS	12/31/2020	$45.43
1.1 / 1307	BCWP	3/31/2013	$1,020.79
1.1 / 1307	BCWP	4/30/2013	$13.58
1.1 / 1307	ACWP	3/31/2013	$1,077.08
1.1 / 1307	ACWP	4/30/2013	$18.97
1.1 / 1307	EAC	3/31/2013	$1,077.08
1.1 / 1307	EAC	4/30/2013	$18.97
1.1 / 1307	EAC	12/31/2020	$349.00
1.1 / 1310	BCWS	3/31/2013	$441.92
1.1 / 1310	BCWP	3/31/2013	$441.92
1.1 / 1310	ACWP	3/31/2013	$441.92
1.1 / 1310	EAC	3/31/2013	$441.92
1.2 / 2300	BCWS	3/31/2013	$84.20
1.2 / 2300	BCWP	3/31/2013	$84.20
1.2 / 2300	ACWP	3/31/2013	$28.72
1.2 / 2300	EAC	3/31/2013	$29.09
1.2 / 2420	BCWS	3/31/2013	$3.73
1.2 / 2420	BCWS	12/31/2020	$95.47
1.2 / 2420	BCWP	3/31/2013	$99.20
1.2 / 2420	ACWP	3/31/2013	$61.36
1.2 / 2420	EAC	3/31/2013	$61.36
1.2 / 2425	BCWS	3/31/2013	$1,575.11
1.2 / 2425	BCWS	4/30/2013	$114.21
1.2 / 2425	BCWS	12/31/2020	$113.56
1.2 / 2425	BCWP	3/31/2013	$1,231.22
1.2 / 2425	BCWP	4/30/2013	$159.10
1.2 / 2425	ACWP	3/31/2013	$891.00
1.2 / 2425	ACWP	4/30/2013	$80.23
1.2 / 2425	EAC	3/31/2013	$891.00
1.2 / 2425	EAC	4/30/2013	$80.23
1.2 / 2425	EAC	12/31/2020	$413.00
1.2 / 2430	BCWS	3/31/2013	$2,057.05
1.2 / 2430	BCWP	3/31/2013	$2,057.05
1.2 / 2430	ACWP	3/31/2013	$2,069.94
1.2 / 2430	EAC	3/31/2013	$2,069.94
1.2 / 2440	BCWS	3/31/2013	$1,718.19
1.2 / 2440	BCWS	4/30/2013	$20.00
1.2 / 2440	BCWS	12/31/2020	$240.59
1.2 / 2440	BCWP	3/31/2013	$1,832.20
1.2 / 2440	BCWP	4/30/2013	$6.60
1.2 / 2440	ACWP	3/31/2013	$1,406.25
1.2 / 2440	ACWP	4/30/2013	$29.90

1.2 / 2440	EAC	3/31/2013	$1,406.25
1.2 / 2440	EAC	4/30/2013	$29.90
1.2 / 2440	EAC	12/31/2020	$163.00
1.2 / 2450	BCWS	3/31/2013	$869.19
1.2 / 2450	BCWS	4/30/2013	$147.48
1.2 / 2450	BCWS	12/31/2020	$3,710.36
1.2 / 2450	BCWP	3/31/2013	$1,761.75
1.2 / 2450	BCWP	4/30/2013	$186.90
1.2 / 2450	ACWP	3/31/2013	$1,601.15
1.2 / 2450	ACWP	4/30/2013	$137.18
1.2 / 2450	EAC	3/31/2013	$1,601.15
1.2 / 2450	EAC	4/30/2013	$137.18
1.2 / 2450	EAC	12/31/2020	$3,036.00
1.2 / 2460	BCWS	3/31/2013	$479.76
1.2 / 2460	BCWS	4/30/2013	$3.48
1.2 / 2460	BCWS	12/31/2020	$277.31
1.2 / 2460	BCWP	3/31/2013	$637.18
1.2 / 2460	ACWP	3/31/2013	$826.95
1.2 / 2460	ACWP	4/30/2013	$14.52
1.2 / 2460	EAC	3/31/2013	$826.95
1.2 / 2460	EAC	4/30/2013	$14.52
1.2 / 2460	EAC	12/31/2020	$87.00
1.2 / 2470	BCWS	3/31/2013	$631.73
1.2 / 2470	BCWS	4/30/2013	$113.84
1.2 / 2470	BCWS	12/31/2020	$2,589.31
1.2 / 2470	BCWP	3/31/2013	$1,079.11
1.2 / 2470	BCWP	4/30/2013	$1.76
1.2 / 2470	ACWP	3/31/2013	$935.58
1.2 / 2470	ACWP	4/30/2013	$45.17
1.2 / 2470	EAC	3/31/2013	$935.58
1.2 / 2470	EAC	4/30/2013	$45.17
1.2 / 2470	EAC	12/31/2020	$2,242.00
1.2 / 2475	BCWS	3/31/2013	$1,515.51
1.2 / 2475	BCWS	4/30/2013	$121.23
1.2 / 2475	BCWS	12/31/2020	$974.51
1.2 / 2475	BCWP	3/31/2013	$1,625.68
1.2 / 2475	ACWP	3/31/2013	$1,325.25
1.2 / 2475	ACWP	4/30/2013	$6.40
1.2 / 2475	EAC	3/31/2013	$1,325.25
1.2 / 2475	EAC	4/30/2013	$6.40
1.2 / 2475	EAC	12/31/2020	$1,018.00
1.2 / 2480	BCWS	3/31/2013	$989.44
1.2 / 2480	BCWS	4/30/2013	$170.60
1.2 / 2480	BCWS	12/31/2020	$956.70
1.2 / 2480	BCWP	3/31/2013	$1,621.54
1.2 / 2480	BCWP	4/30/2013	$28.92
1.2 / 2480	ACWP	3/31/2013	$1,917.76

1.2 / 2480	ACWP	4/30/2013	$54.79
1.2 / 2480	EAC	3/31/2013	$1,917.76
1.2 / 2480	EAC	4/30/2013	$54.79
1.2 / 2480	EAC	12/31/2020	$601.00
1.2 / 2485	BCWS	3/31/2013	$90.32
1.2 / 2485	BCWS	12/31/2020	$297.40
1.2 / 2485	BCWP	3/31/2013	$291.29
1.2 / 2485	ACWP	3/31/2013	$341.56
1.2 / 2485	ACWP	4/30/2013	$2.03
1.2 / 2485	EAC	3/31/2013	$351.75
1.2 / 2485	EAC	4/30/2013	$12.70
1.2 / 2485	EAC	12/31/2020	$77.14
1.2 / 2490	BCWS	3/31/2013	$1,663.28
1.2 / 2490	BCWS	4/30/2013	$21.53
1.2 / 2490	BCWS	12/31/2020	$1,790.16
1.2 / 2490	BCWP	3/31/2013	$1,780.94
1.2 / 2490	ACWP	3/31/2013	$1,730.50
1.2 / 2490	ACWP	4/30/2013	$51.50
1.2 / 2490	EAC	3/31/2013	$1,852.61
1.2 / 2490	EAC	4/30/2013	$179.43
1.2 / 2490	EAC	12/31/2020	$1,383.96
1.3 / 3200	BCWS	3/31/2013	$74.10
1.3 / 3200	BCWS	12/31/2020	$121.13
1.3 / 3200	BCWP	3/31/2013	$68.09
1.3 / 3200	ACWP	3/31/2013	$37.61
1.3 / 3200	EAC	3/31/2013	$63.96
1.3 / 3200	EAC	4/30/2013	$7.43
1.3 / 3200	EAC	12/31/2020	$93.22
1.3 / 3300	BCWS	3/31/2013	$4.76
1.3 / 3300	BCWS	12/31/2020	$74.42
1.3 / 3300	BCWP	3/31/2013	$54.77
1.3 / 3300	ACWP	3/31/2013	$43.86
1.3 / 3300	EAC	3/31/2013	$67.45
1.3 / 3300	EAC	4/30/2013	$12.66
1.3 / 3300	EAC	12/31/2020	$112.76
1.3 / 3400	BCWS	3/31/2013	$41.03
1.3 / 3400	BCWS	12/31/2020	$61.26
1.3 / 3400	BCWP	3/31/2013	$39.00
1.3 / 3400	BCWP	4/30/2013	$1.01
1.3 / 3400	ACWP	3/31/2013	$33.61
1.3 / 3400	ACWP	4/30/2013	$1.60
1.3 / 3400	EAC	3/31/2013	$33.61
1.3 / 3400	EAC	4/30/2013	$1.60
1.3 / 3400	EAC	12/31/2020	$62.00
1.4 / 4100	BCWS	3/31/2013	$630.71
1.4 / 4100	BCWS	4/30/2013	$38.00
1.4 / 4100	BCWS	12/31/2020	$166.88

1.4 / 4100	BCWP	3/31/2013	$597.43
1.4 / 4100	BCWP	4/30/2013	$17.39
1.4 / 4100	ACWP	3/31/2013	$457.39
1.4 / 4100	ACWP	4/30/2013	$14.58
1.4 / 4100	EAC	3/31/2013	$457.39
1.4 / 4100	EAC	4/30/2013	$14.58
1.4 / 4100	EAC	12/31/2020	$221.00
1.4 / 4500	BCWS	3/31/2013	$1,056.63
1.4 / 4500	BCWS	4/30/2013	$37.98
1.4 / 4500	BCWS	12/31/2020	$42.05
1.4 / 4500	BCWP	3/31/2013	$932.17
1.4 / 4500	BCWP	4/30/2013	$20.09
1.4 / 4500	ACWP	3/31/2013	$1,250.65
1.4 / 4500	ACWP	4/30/2013	$46.64
1.4 / 4500	EAC	3/31/2013	$1,250.65
1.4 / 4500	EAC	4/30/2013	$46.64
1.4 / 4500	EAC	12/31/2020	$317.00
1.5 / 5000	BCWS	3/31/2013	$2,389.82
1.5 / 5000	BCWS	4/30/2013	$66.33
1.5 / 5000	BCWS	12/31/2020	$3,279.34
1.5 / 5000	BCWP	3/31/2013	$2,758.87
1.5 / 5000	BCWP	4/30/2013	$53.91
1.5 / 5000	ACWP	3/31/2013	$2,507.72
1.5 / 5000	ACWP	4/30/2013	$21.70
1.5 / 5000	EAC	3/31/2013	$2,507.72
1.5 / 5000	EAC	4/30/2013	$21.70
1.5 / 5000	EAC	12/31/2020	$2,748.00
1.5 / 5200	BCWS	3/31/2013	$1,712.39
1.5 / 5200	BCWS	4/30/2013	$93.70
1.5 / 5200	BCWS	12/31/2020	$716.47
1.5 / 5200	BCWP	3/31/2013	$1,034.42
1.5 / 5200	BCWP	4/30/2013	$97.58
1.5 / 5200	ACWP	3/31/2013	$1,341.23
1.5 / 5200	ACWP	4/30/2013	$186.48
1.5 / 5200	EAC	3/31/2013	$1,341.23
1.5 / 5200	EAC	4/30/2013	$186.48
1.5 / 5200	EAC	12/31/2020	$1,471.00
1.5 / 5501	BCWS	3/31/2013	$490.26
1.5 / 5501	BCWS	4/30/2013	$170.74
1.5 / 5501	BCWS	12/31/2020	$1,244.58
1.5 / 5501	BCWP	3/31/2013	$551.99
1.5 / 5501	BCWP	4/30/2013	$10.63
1.5 / 5501	ACWP	3/31/2013	$519.92
1.5 / 5501	ACWP	4/30/2013	$20.66
1.5 / 5501	EAC	3/31/2013	$519.92
1.5 / 5501	EAC	4/30/2013	$20.66
1.5 / 5501	EAC	12/31/2020	$1,366.00

1.6 / 6100	BCWS	3/31/2013	$189.62
1.6 / 6100	BCWS	4/30/2013	$2.27
1.6 / 6100	BCWS	12/31/2020	$764.20
1.6 / 6100	BCWP	3/31/2013	$316.69
1.6 / 6100	BCWP	4/30/2013	$10.90
1.6 / 6100	ACWP	3/31/2013	$292.41
1.6 / 6100	ACWP	4/30/2013	$21.45
1.6 / 6100	EAC	3/31/2013	$292.41
1.6 / 6100	EAC	4/30/2013	$21.45
1.6 / 6100	EAC	12/31/2020	$680.00
1.7 / 7100	BCWS	3/31/2013	$4,575.14
1.7 / 7100	BCWS	4/30/2013	$91.04
1.7 / 7100	BCWS	12/31/2020	$1,745.88
1.7 / 7100	BCWP	3/31/2013	$4,575.14
1.7 / 7100	BCWP	4/30/2013	$91.04
1.7 / 7100	ACWP	3/31/2013	$4,726.33
1.7 / 7100	ACWP	4/30/2013	$118.61
1.7 / 7100	EAC	3/31/2013	$4,726.33
1.7 / 7100	EAC	4/30/2013	$118.61
1.7 / 7100	EAC	12/31/2020	$2,274.00
1.7 / 7200	BCWS	3/31/2013	$1,041.02
1.7 / 7200	BCWS	4/30/2013	$18.38
1.7 / 7200	BCWS	12/31/2020	$422.71
1.7 / 7200	BCWP	3/31/2013	$1,041.02
1.7 / 7200	BCWP	4/30/2013	$18.38
1.7 / 7200	ACWP	3/31/2013	$967.21
1.7 / 7200	ACWP	4/30/2013	$10.74
1.7 / 7200	EAC	3/31/2013	$967.21
1.7 / 7200	EAC	4/30/2013	$10.74
1.7 / 7200	EAC	12/31/2020	$478.00
1.7 / 7300	BCWS	3/31/2013	$720.03
1.7 / 7300	BCWS	4/30/2013	$21.34
1.7 / 7300	BCWS	12/31/2020	$361.60
1.7 / 7300	BCWP	3/31/2013	$720.03
1.7 / 7300	BCWP	4/30/2013	$21.34
1.7 / 7300	ACWP	3/31/2013	$631.39
1.7 / 7300	ACWP	4/30/2013	$16.20
1.7 / 7300	EAC	3/31/2013	$631.39
1.7 / 7300	EAC	4/30/2013	$16.20
1.7 / 7300	EAC	12/31/2020	$361.00
1.7 / 7400	BCWS	3/31/2013	$2,017.98
1.7 / 7400	BCWS	4/30/2013	$31.33
1.7 / 7400	BCWS	12/31/2020	$399.54
1.7 / 7400	BCWP	3/31/2013	$2,017.98
1.7 / 7400	BCWP	4/30/2013	$31.33
1.7 / 7400	ACWP	3/31/2013	$1,437.19
1.7 / 7400	ACWP	4/30/2013	$93.09

1.7 / 7400	EAC	3/31/2013	$1,437.19
1.7 / 7400	EAC	4/30/2013	$93.09
1.7 / 7400	EAC	12/31/2020	$400.00
1.7 / 7710	BCWS	3/31/2013	$2,270.99
1.7 / 7710	BCWS	4/30/2013	$33.88
1.7 / 7710	BCWS	12/31/2020	$542.30
1.7 / 7710	BCWP	3/31/2013	$2,270.99
1.7 / 7710	BCWP	4/30/2013	$33.88
1.7 / 7710	ACWP	3/31/2013	$1,897.19
1.7 / 7710	ACWP	4/30/2013	$42.13
1.7 / 7710	EAC	3/31/2013	$1,897.19
1.7 / 7710	EAC	4/30/2013	$42.13
1.7 / 7710	EAC	12/31/2020	$543.00
1.7 / 7900	BCWS	3/31/2013	$8.21
1.7 / 7900	BCWS	4/30/2013	$0.15
1.7 / 7900	BCWS	12/31/2020	$69.80
1.7 / 7900	BCWP	3/31/2013	$8.21
1.7 / 7900	BCWP	4/30/2013	$0.15
1.7 / 7900	ACWP	3/31/2013	$3.96
1.7 / 7900	EAC	3/31/2013	$14.48
1.7 / 7900	EAC	4/30/2013	$3.68
1.7 / 7900	EAC	12/31/2020	$55.80
1.8 / 8200	BCWS	3/31/2013	$3,222.35
1.8 / 8200	BCWS	4/30/2013	$264.75
1.8 / 8200	BCWS	12/31/2020	$3,681.58
1.8 / 8200	BCWP	3/31/2013	$3,150.84
1.8 / 8200	BCWP	4/30/2013	$163.19
1.8 / 8200	ACWP	3/31/2013	$3,467.67
1.8 / 8200	ACWP	4/30/2013	$154.26
1.8 / 8200	EAC	3/31/2013	$3,467.67
1.8 / 8200	EAC	4/30/2013	$154.26
1.8 / 8200	EAC	12/31/2020	$4,207.00
1.8 / 8210	BCWS	3/31/2013	$813.79
1.8 / 8210	BCWS	4/30/2013	$46.31
1.8 / 8210	BCWS	12/31/2020	$566.39
1.8 / 8210	BCWP	3/31/2013	$813.79
1.8 / 8210	BCWP	4/30/2013	$46.31
1.8 / 8210	ACWP	3/31/2013	$701.90
1.8 / 8210	ACWP	4/30/2013	$38.72
1.8 / 8210	EAC	3/31/2013	$701.90
1.8 / 8210	EAC	4/30/2013	$38.72
1.8 / 8210	EAC	12/31/2020	$566.00
1.8 / 8250	BCWS	3/31/2013	$165.86
1.8 / 8250	BCWS	12/31/2020	$807.36
1.8 / 8250	BCWP	3/31/2013	$70.20
1.8 / 8250	ACWP	3/31/2013	$1.86
1.8 / 8250	EAC	3/31/2013	$1.86

1.8 / 8250	EAC	12/31/2020	$903.00

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