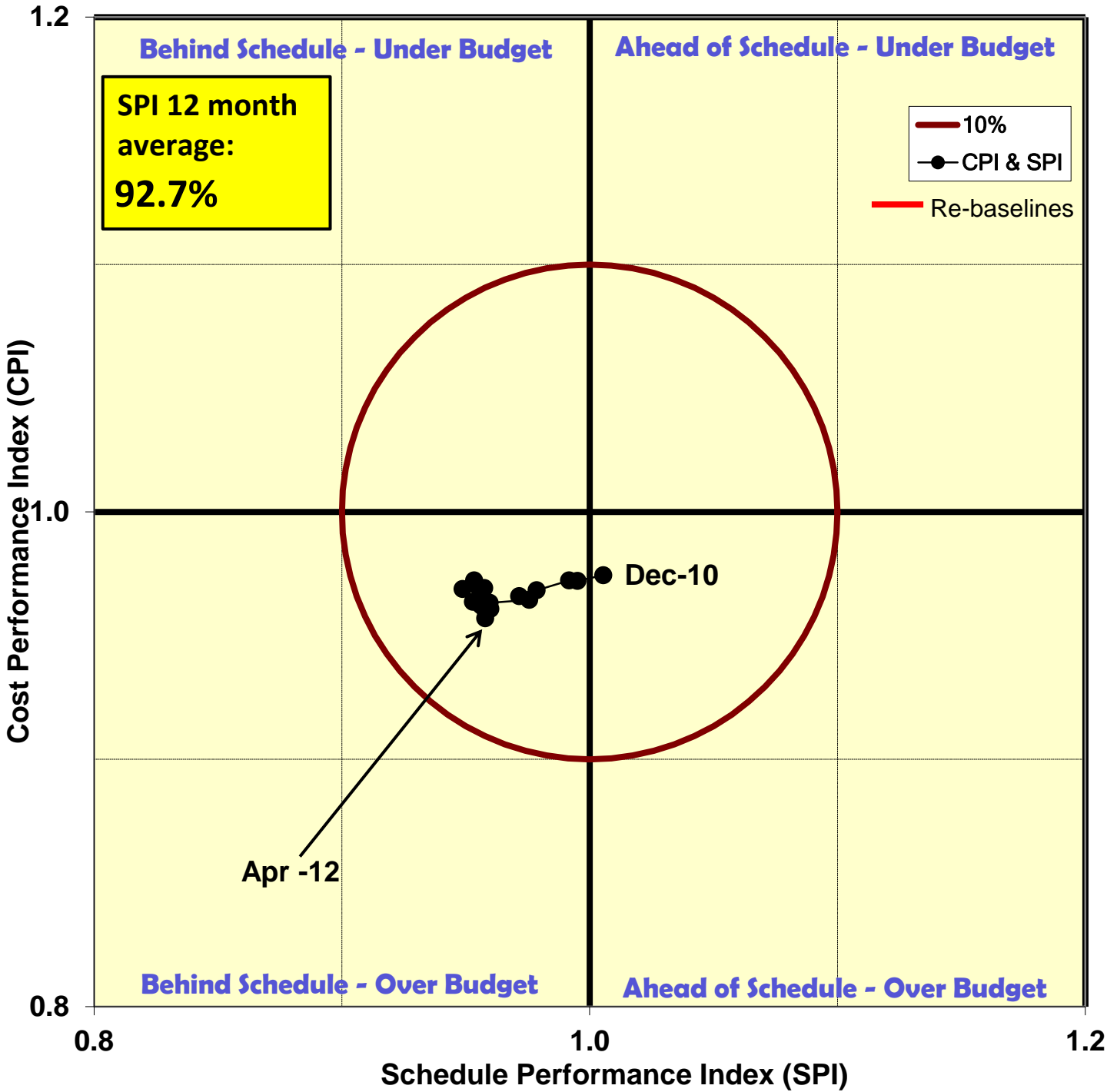


# 12 GeV Upgrade NP Project Total



	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	183,524	3,228
BCWP	175,790	2,728
ACWP	183,680	3,564
Sv	(7,734)	(500)
Cv	(7,890)	(836)
SPI	0.958	0.845
CPI	0.957	0.765

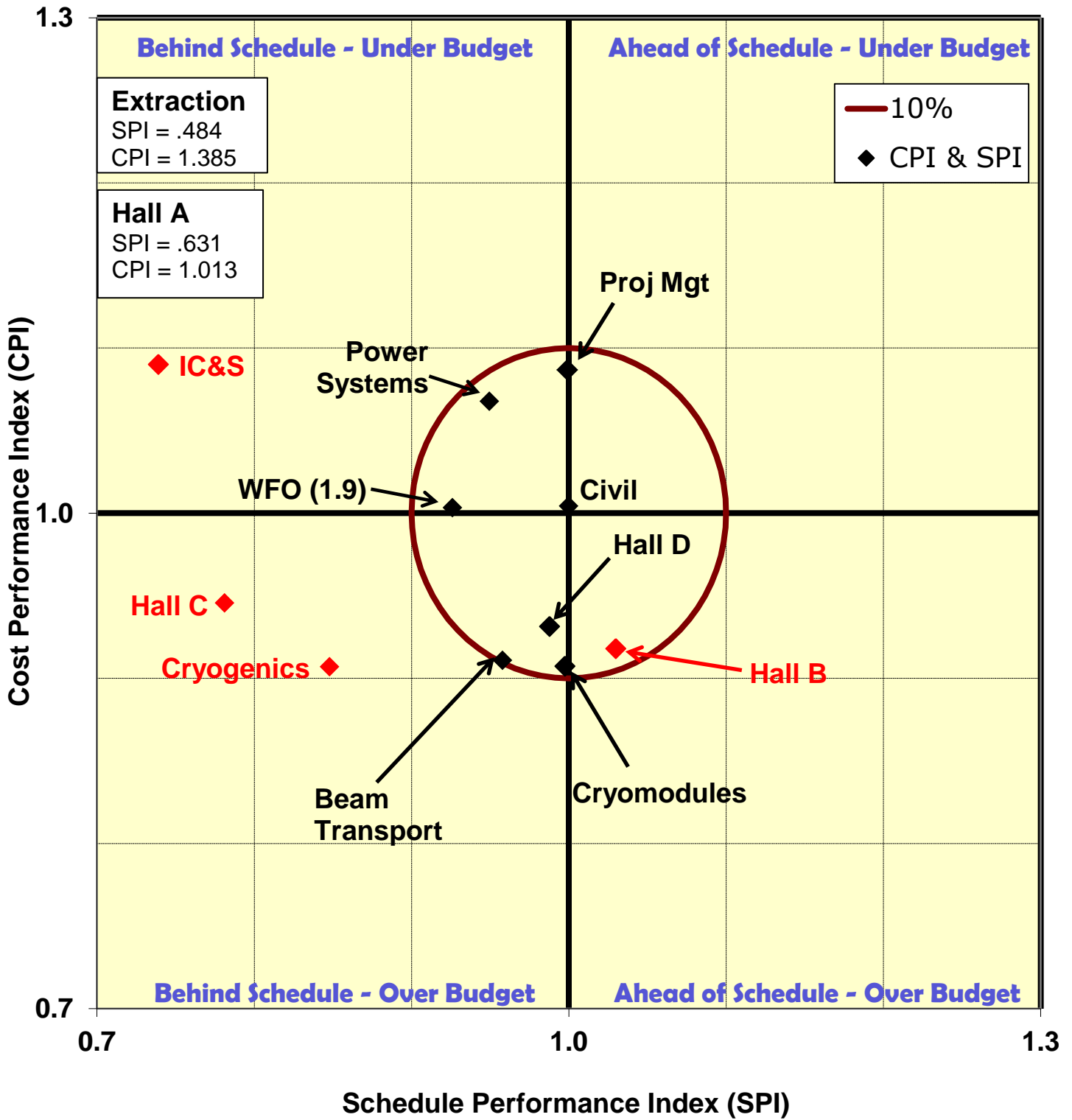
Percent Obligated

**74.3%**

Percent Complete

**61.6%**

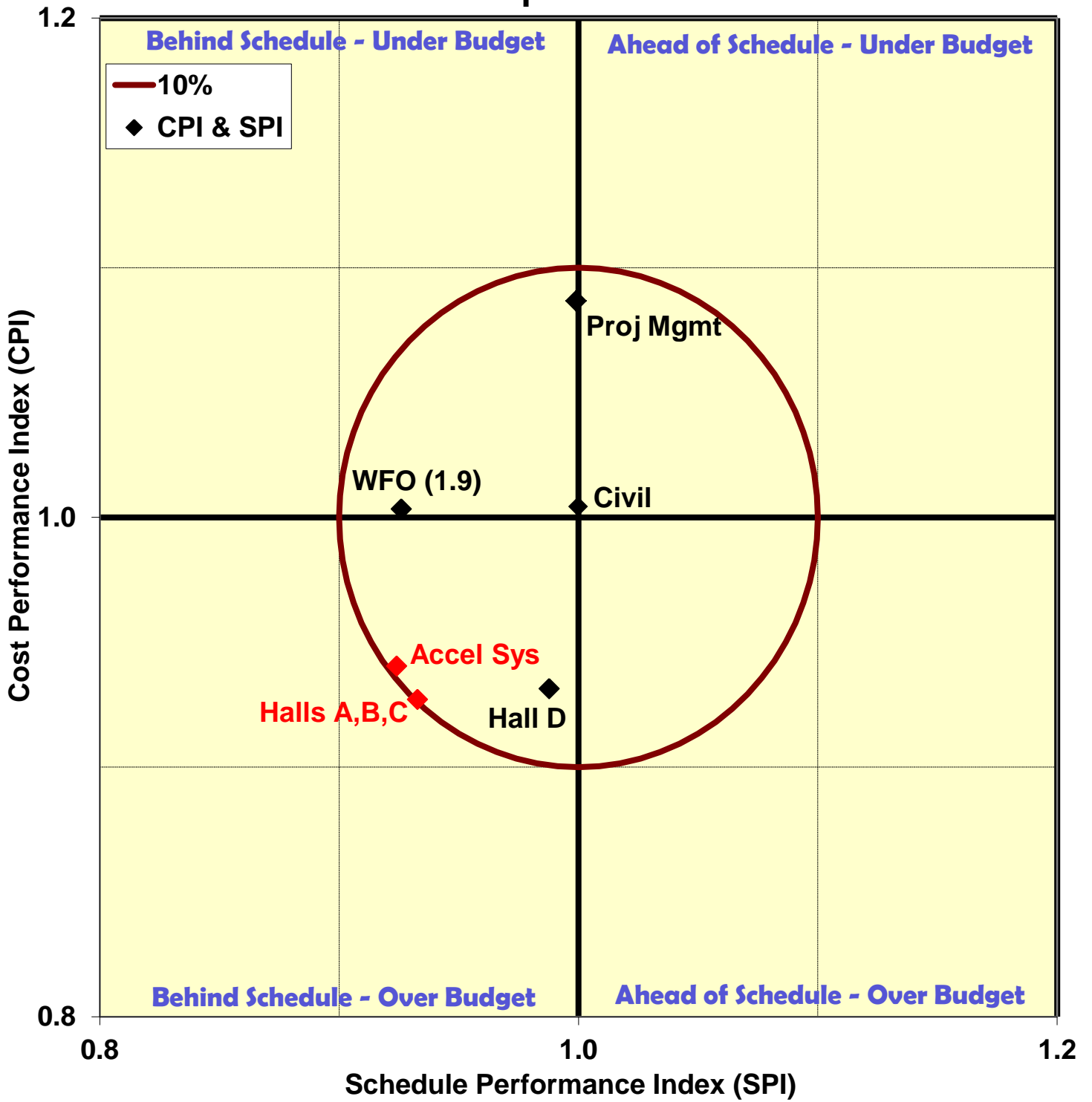
# 12 GeV Upgrade Construction - April - 2012



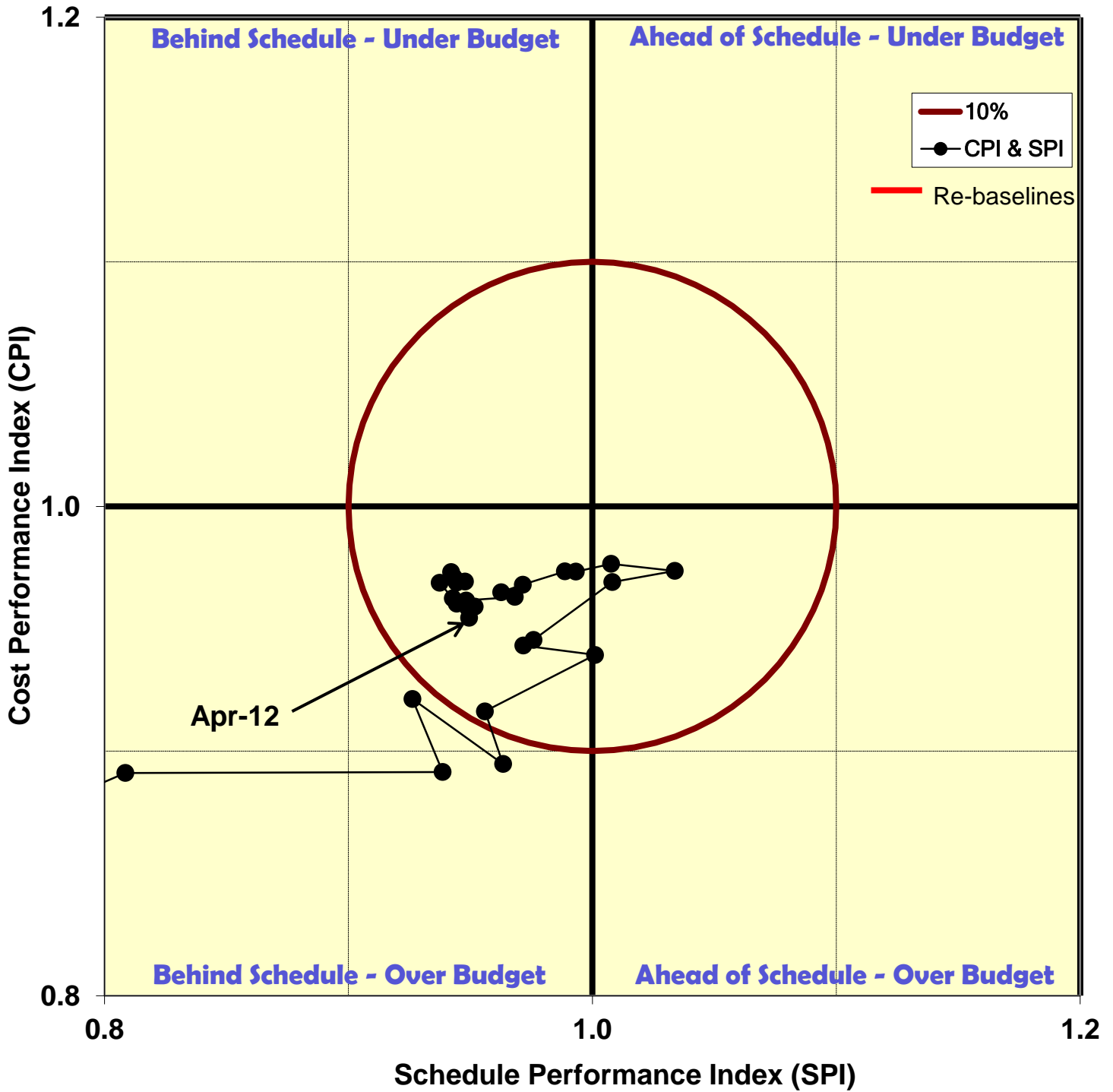
Problems

# 12 GeV Upgrade Construction @ Level 2

## April - 2012



# 12 GeV Upgrade NP Construction

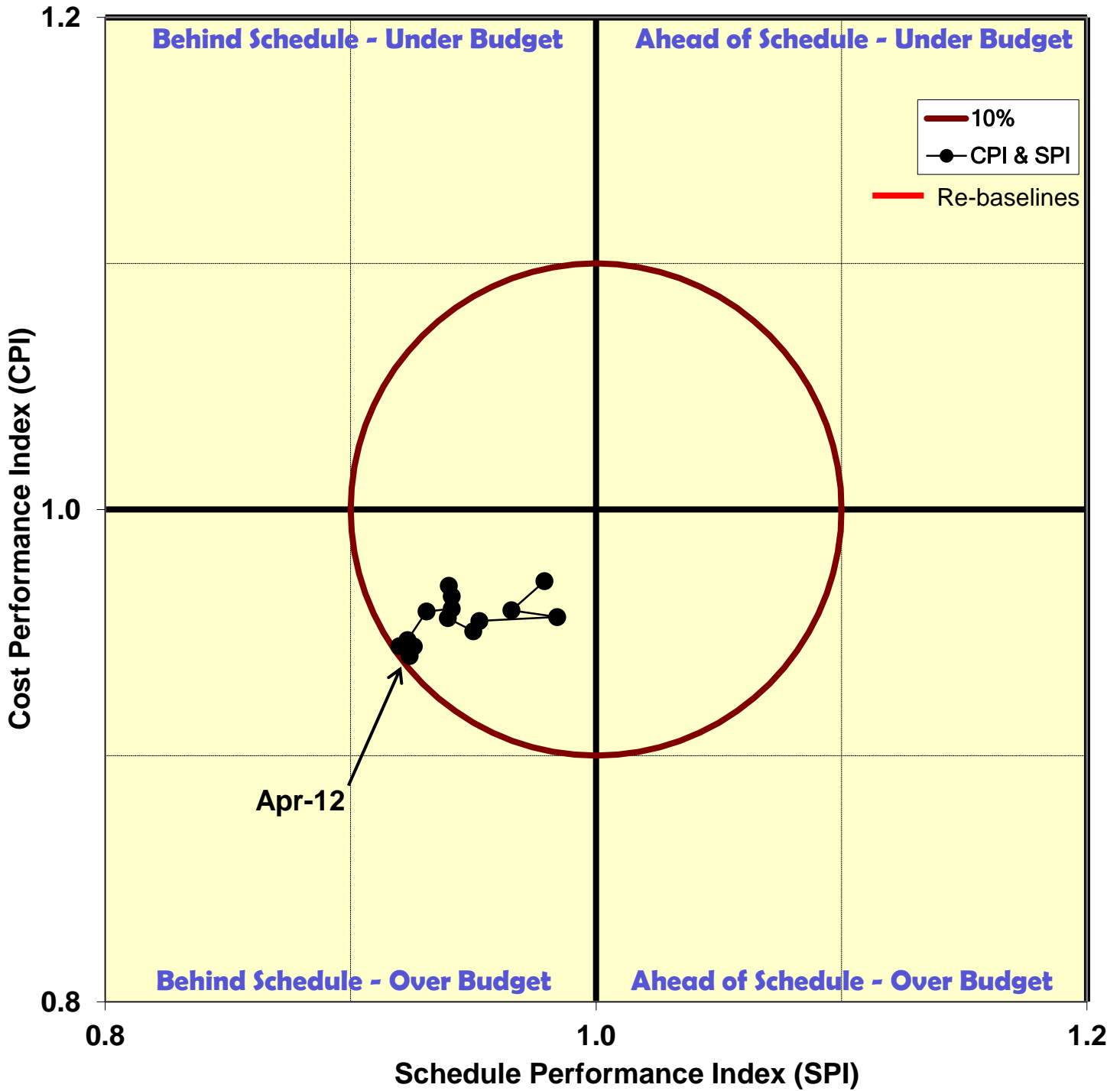


	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	153,008	3,228
BCWP	145,274	2,728
ACWP	152,190	3,564
Sv	(7,734)	(500)
Cv	(6,916)	(836)
SPI	0.949	0.845
CPI	0.955	0.765

Percent Complete

**59.2%**

# 12 GeV Upgrade - Construction Accel Systems

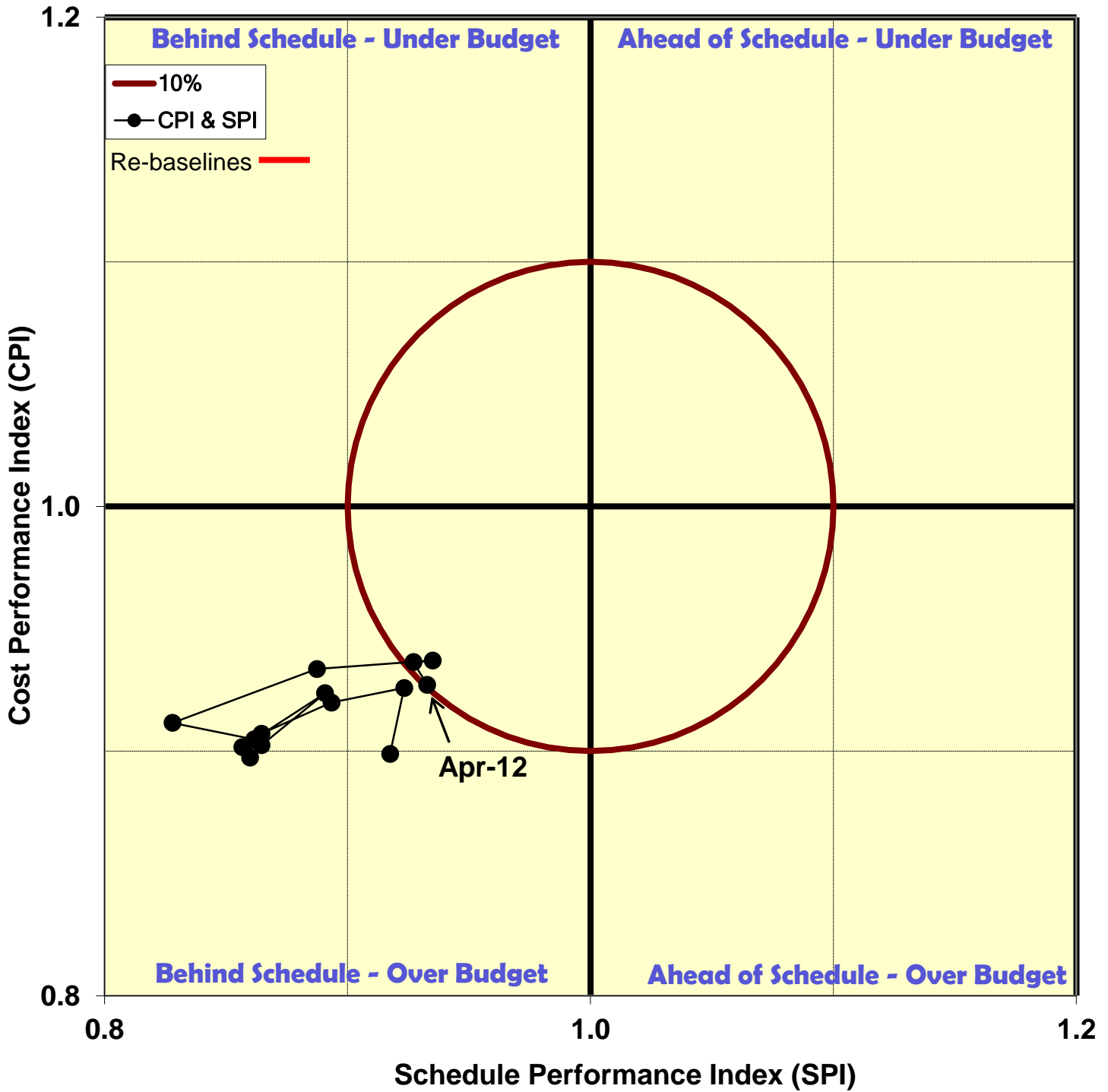


	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	77,014	1,029
BCWP	71,162	819
ACWP	75,666	1,175
Sv	(5,852)	(209)
Cv	(4,504)	(356)
SPI	0.924	0.797
CPI	0.940	0.697

Percent Complete

**75.5%**

# 12 GeV Upgrade Construction-Upgrade Halls A,B, C

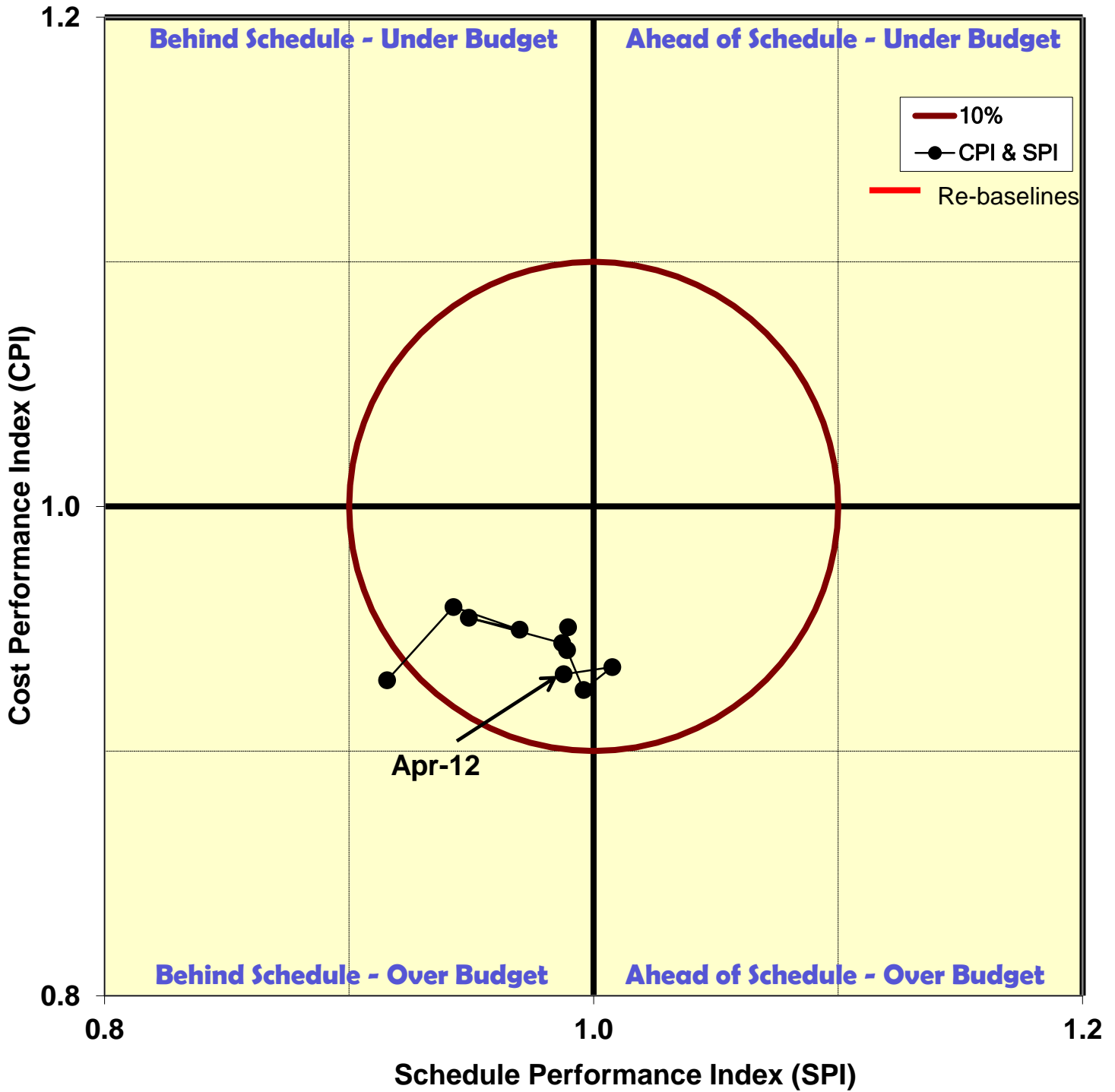


	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	24,703	1,295
BCWP	23,040	1,339
ACWP	24,852	1,676
Sv	(1,662)	43
Cv	(1,812)	(338)
SPI	0.933	1.033
CPI	0.927	0.799

Percent Complete

**33.9%**

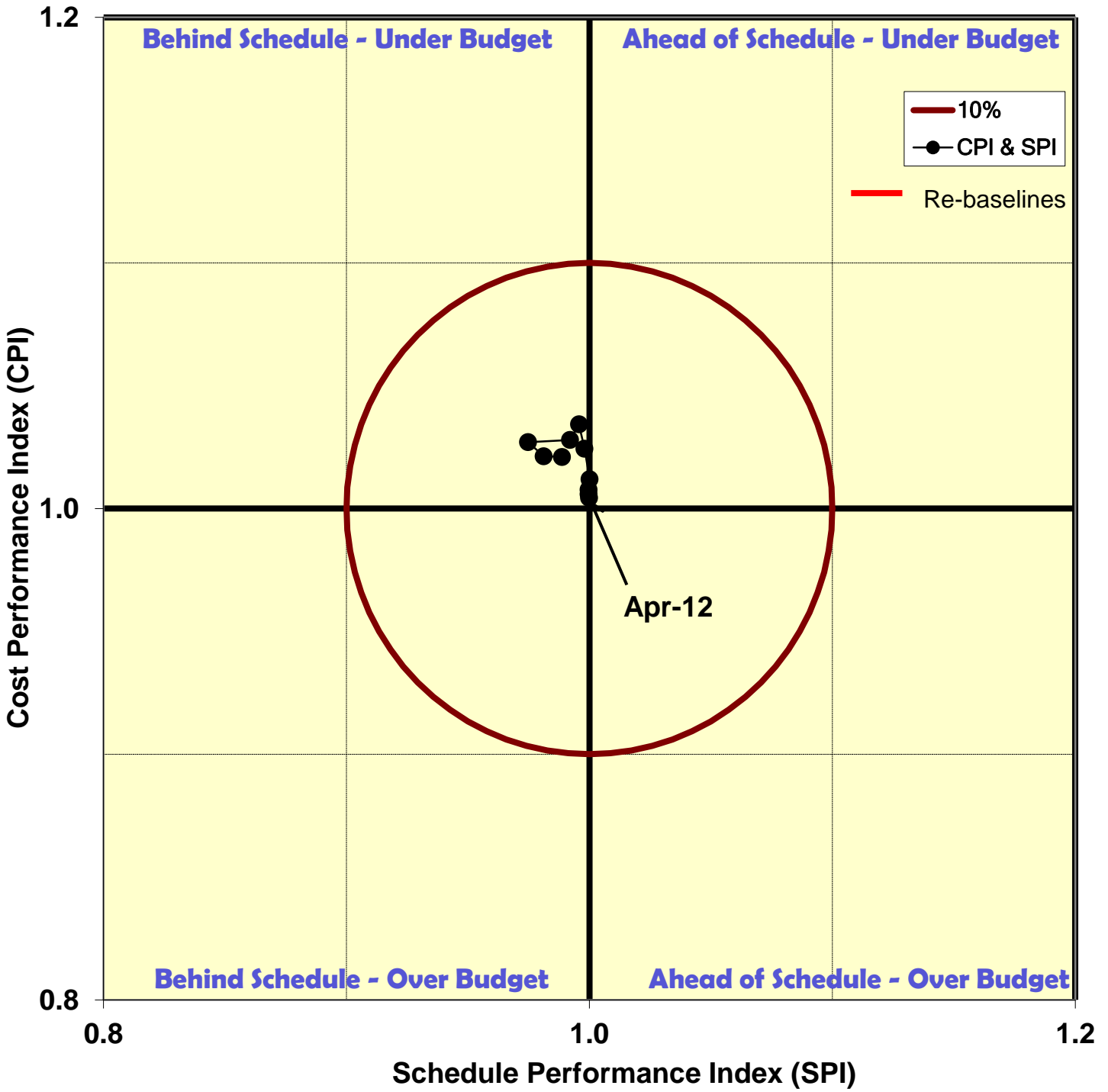
# 12 GeV Upgrade Construction - Hall D



	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	17,056	750
BCWP	16,847	417
ACWP	18,087	503
Sv	(209)	(333)
Cv	(1,240)	(86)
SPI	0.988	0.556
CPI	0.931	0.829

Percent Complete  
**38.1%**

# 12 GeV Upgrade Construction - Civil



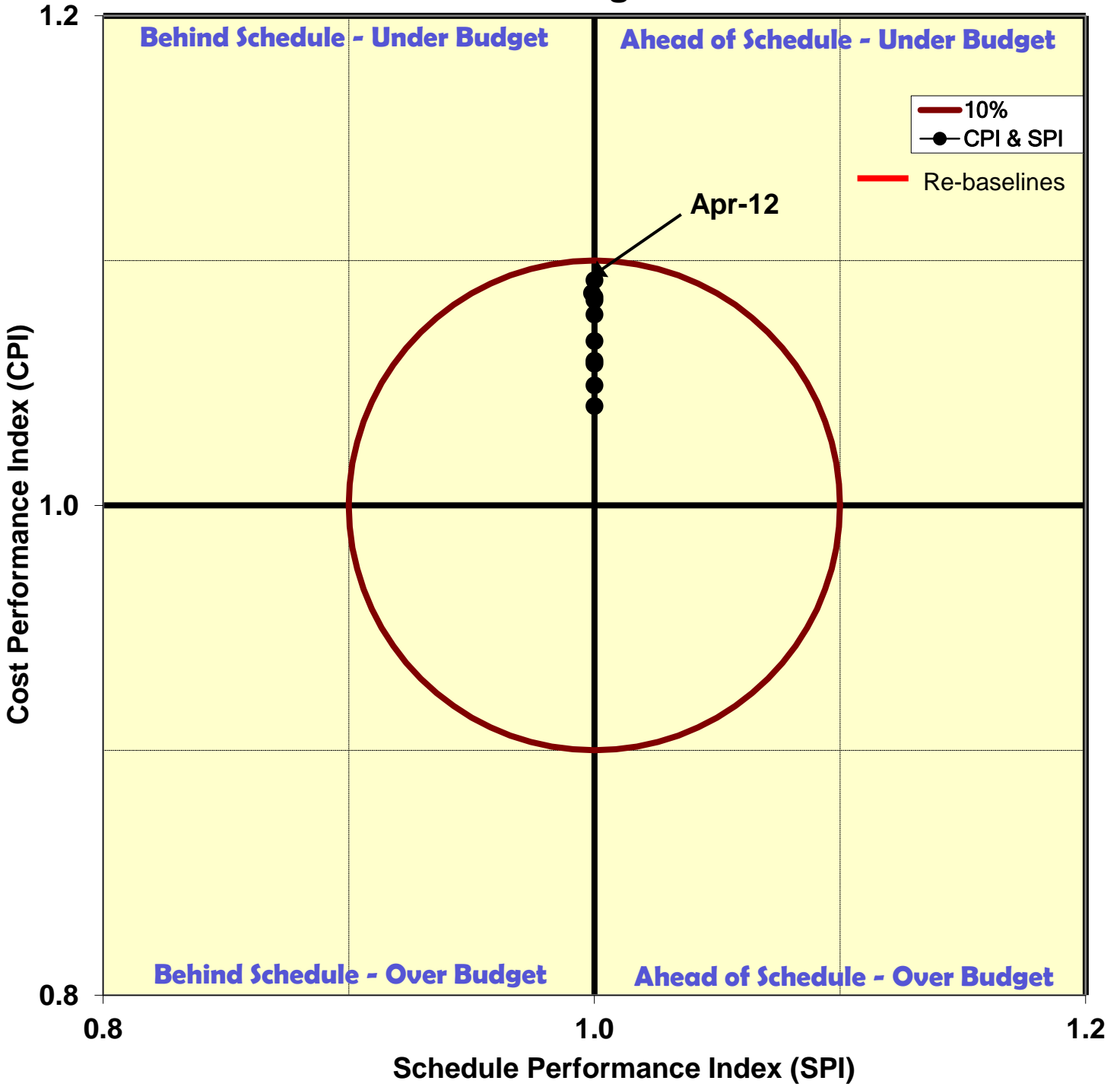
	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	27,735	0
BCWP	27,730	5
ACWP	27,609	45
Sv	(5)	5
Cv	121	(40)
SPI	1.000	0.000
CPI	1.004	0.108

Percent Complete

**93.2%**



# 12 GeV Upgrade Construction - Project Management

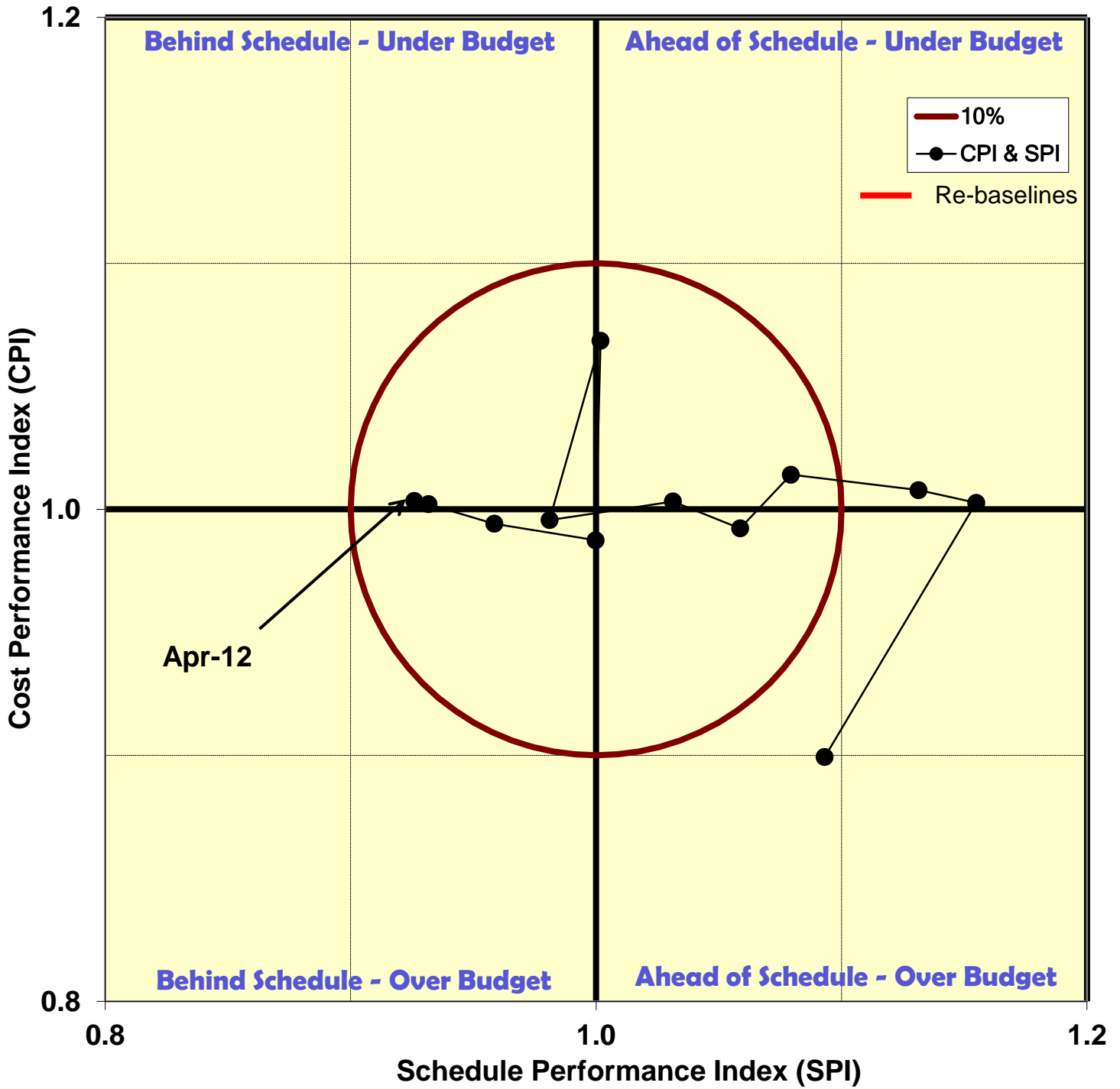


	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	6,501	154
BCWP	6,495	148
ACWP	5,977	164
Sv	(6)	(6)
Cv	518	(16)
SPI	0.999	0.960
CPI	1.087	0.902

Percent Complete

70.5%

# 12 GeV Upgrade Construction - WFO Funding (1.9)

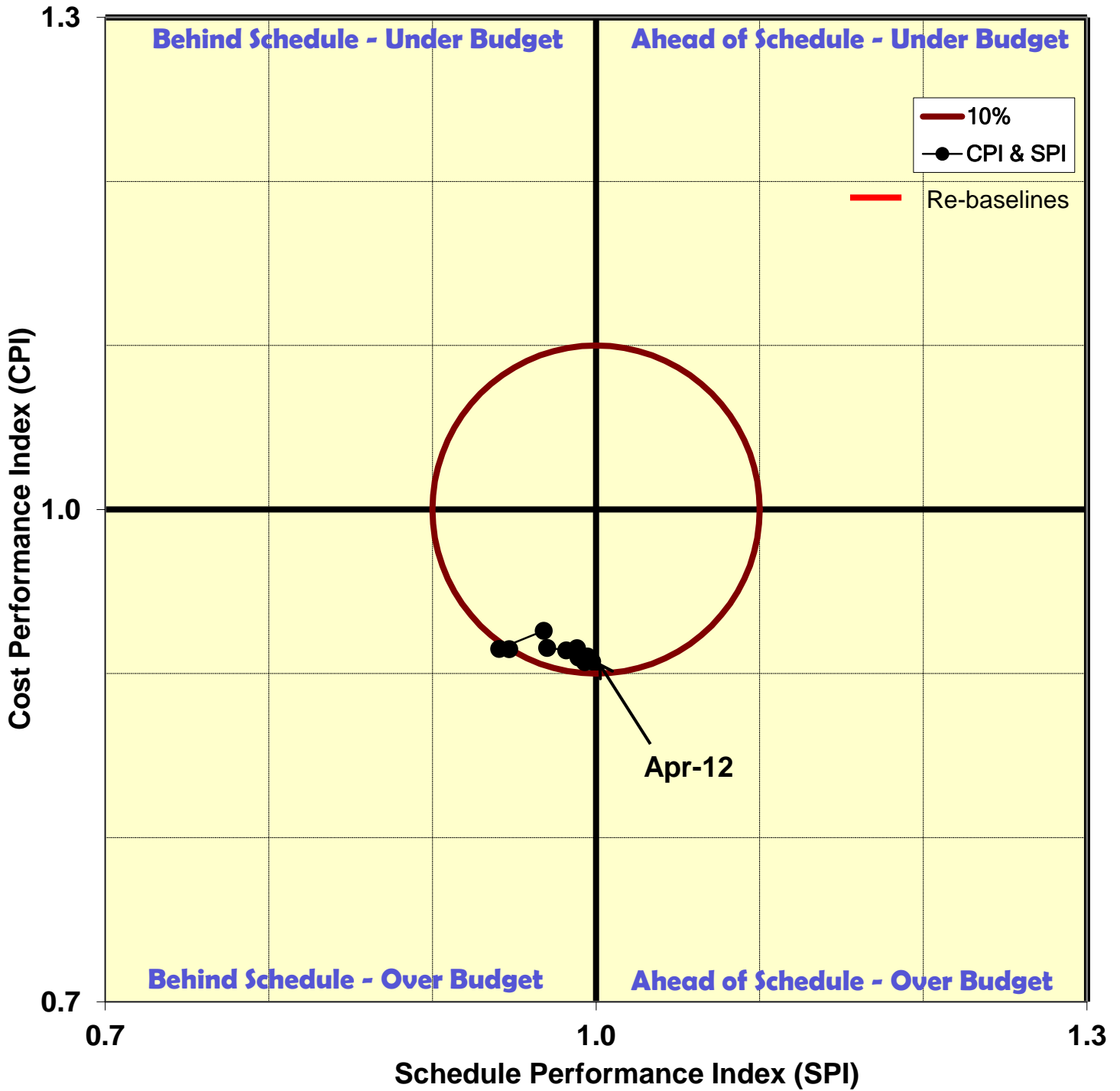


	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	8,335	92
BCWP	7,717	38
ACWP	7,691	28
Sv	(617)	(54)
Cv	26	10
SPI	0.926	0.414
CPI	1.003	1.349

Percent Complete

**88.2%**

# 12 GeV Upgrade Construction - Cryomodules

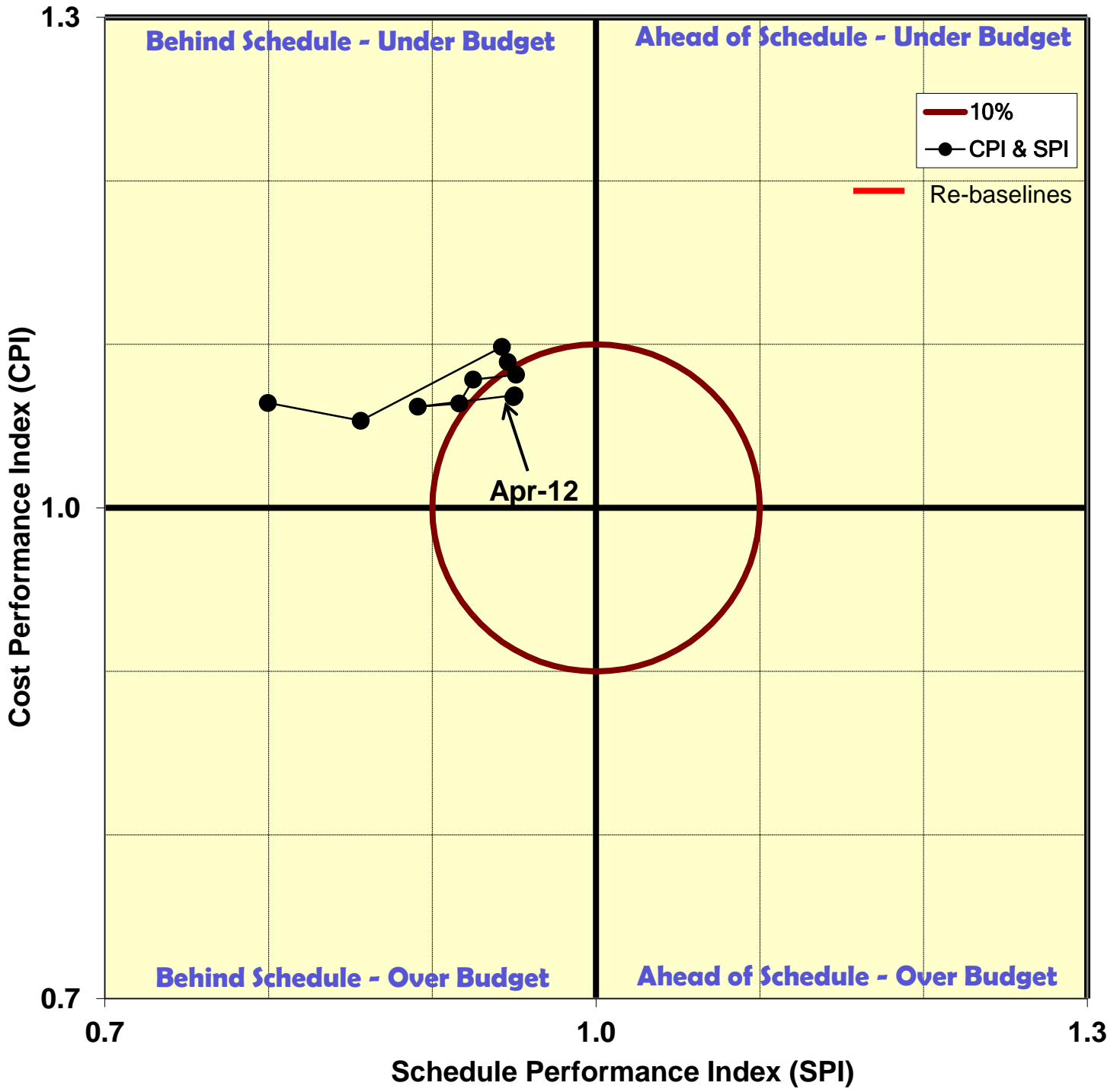


	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	22,211	77
BCWP	22,155	138
ACWP	24,418	235
Sv	(55)	61
Cv	(2,262)	(97)
SPI	0.998	1.791
CPI	0.907	0.588

Percent Complete

**93.4%**

# 12 GeV Upgrade Construction - Power Systems

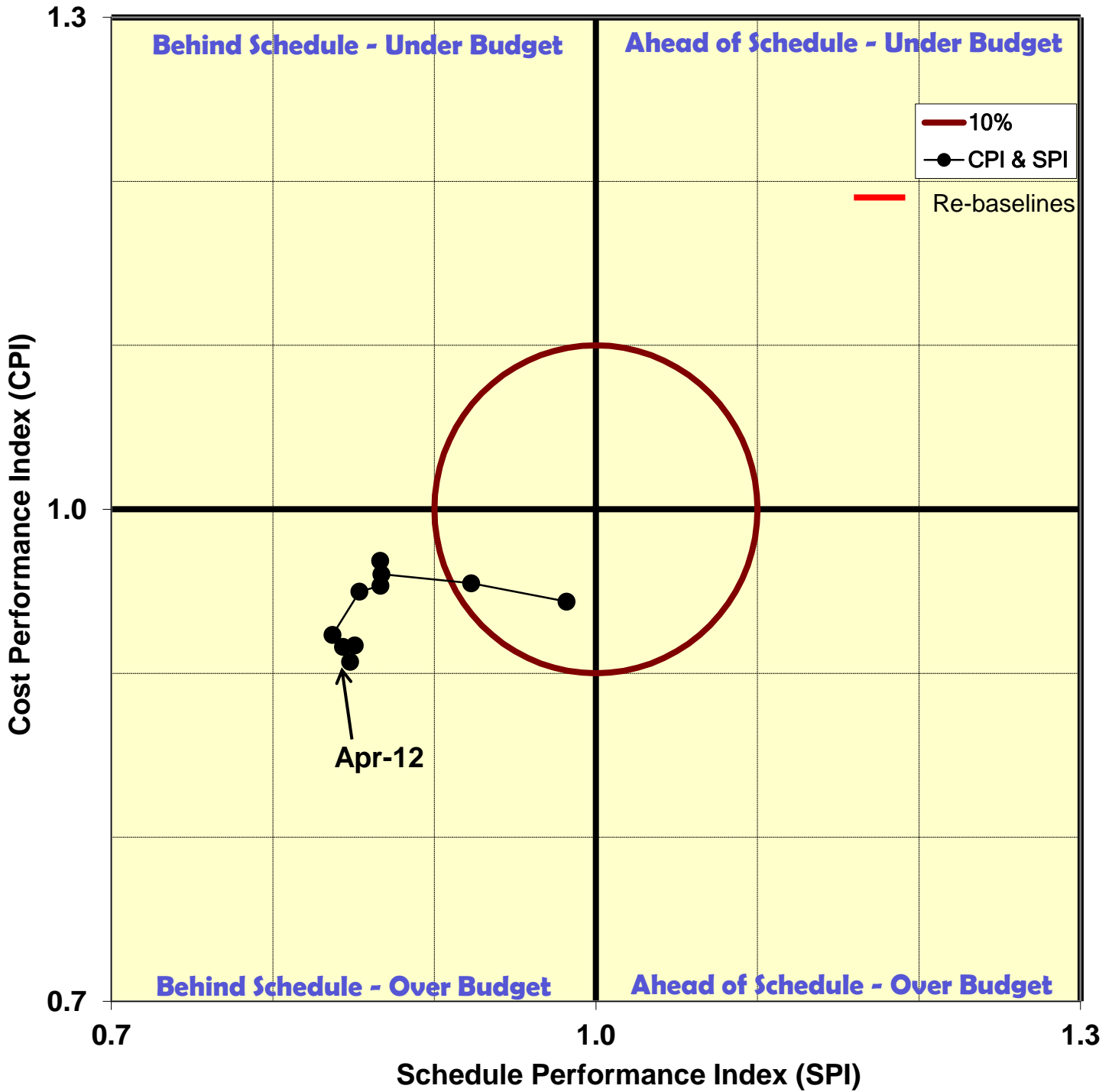


	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	14,078	63
BCWP	13,366	49
ACWP	12,518	59
Sv	(712)	(14)
Cv	849	(9)
SPI	0.949	0.783
CPI	1.068	0.842

Percent Complete

**68.0%**

# 12 GeV Upgrade Construction - Cryogenics

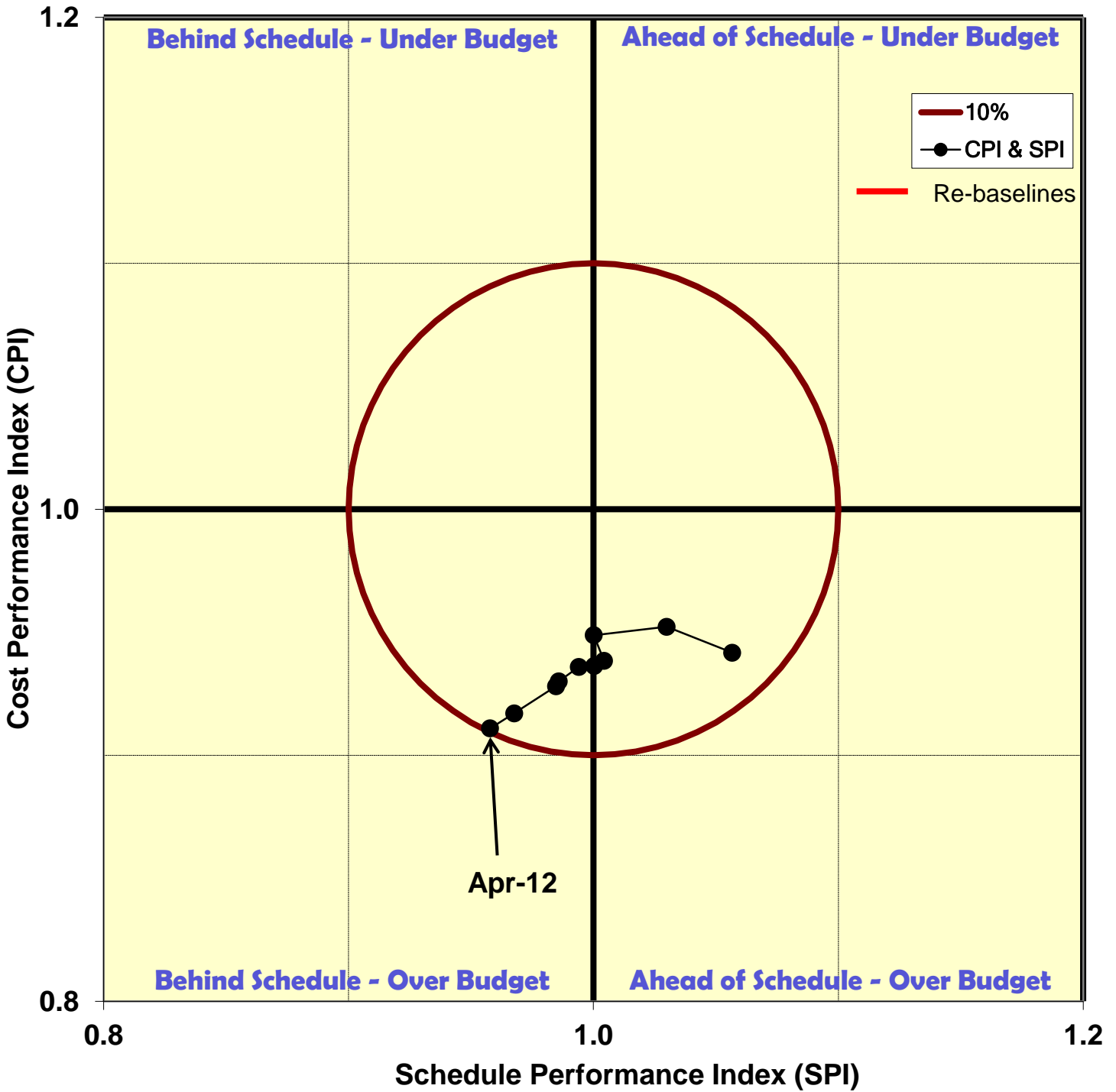


	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	22,552	246
BCWP	19,120	143
ACWP	21,079	385
Sv	(3,432)	(103)
Cv	(1,959)	(242)
SPI	0.848	0.582
CPI	0.969	0.372

Percent Complete

**79.3%**

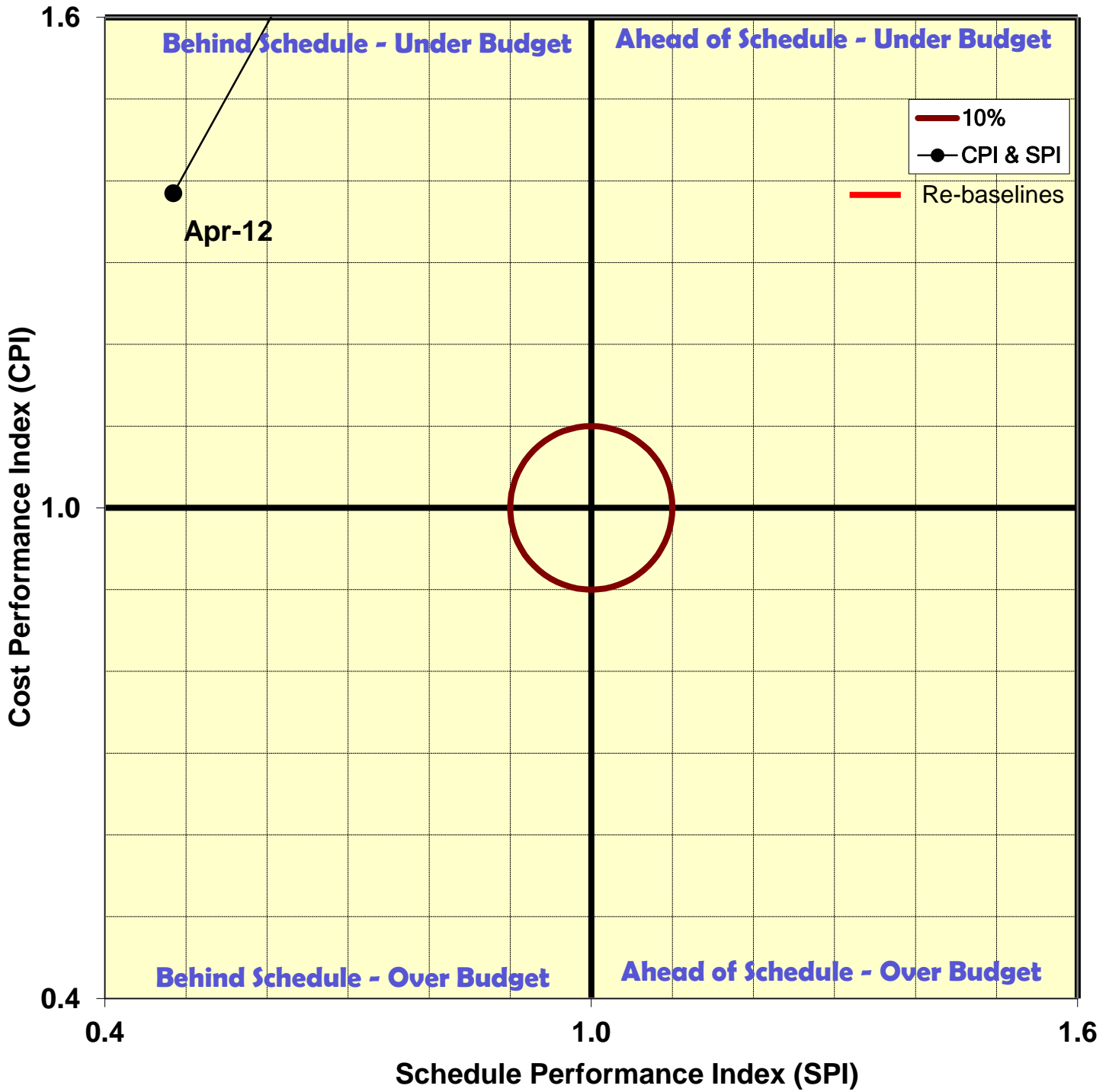
# 12 GeV Upgrade Construction - Beam Transport



	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	14,647	322
BCWP	14,029	168
ACWP	15,400	286
Sv	(618)	(155)
Cv	(1,371)	(118)
SPI	0.958	0.681
CPI	0.911	0.587

Percent Complete  
**70.8%**

# 12 GeV Upgrade Construction - Extraction

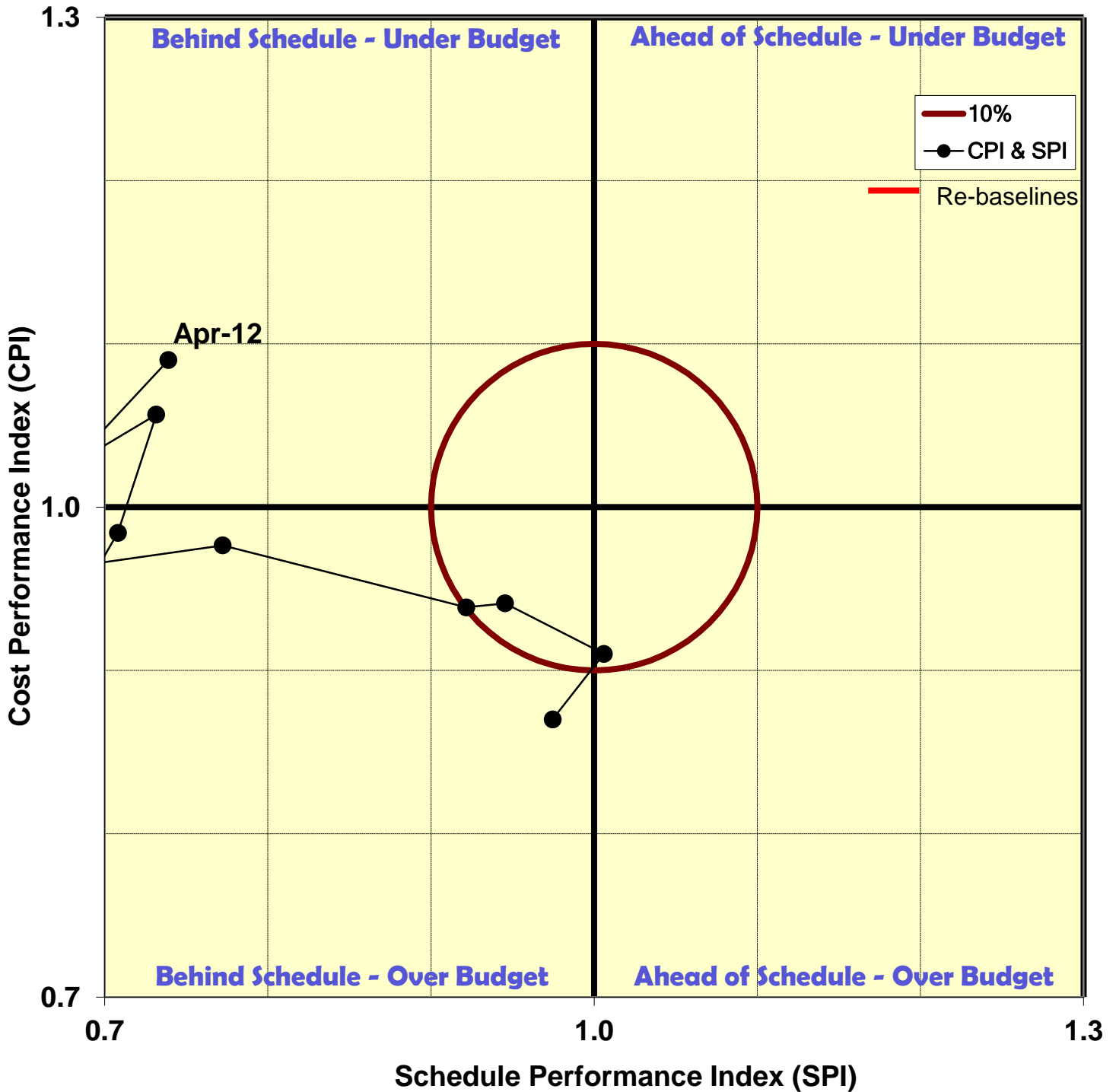


	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	449	122
BCWP	217	0
ACWP	165	30
Sv	(231)	(122)
Cv	52	(30)
SPI	0.484	0.000
CPI	1.385	0.000

Percent Complete

**36.7%**

# 12 GeV Upgrade Construction - IC&S



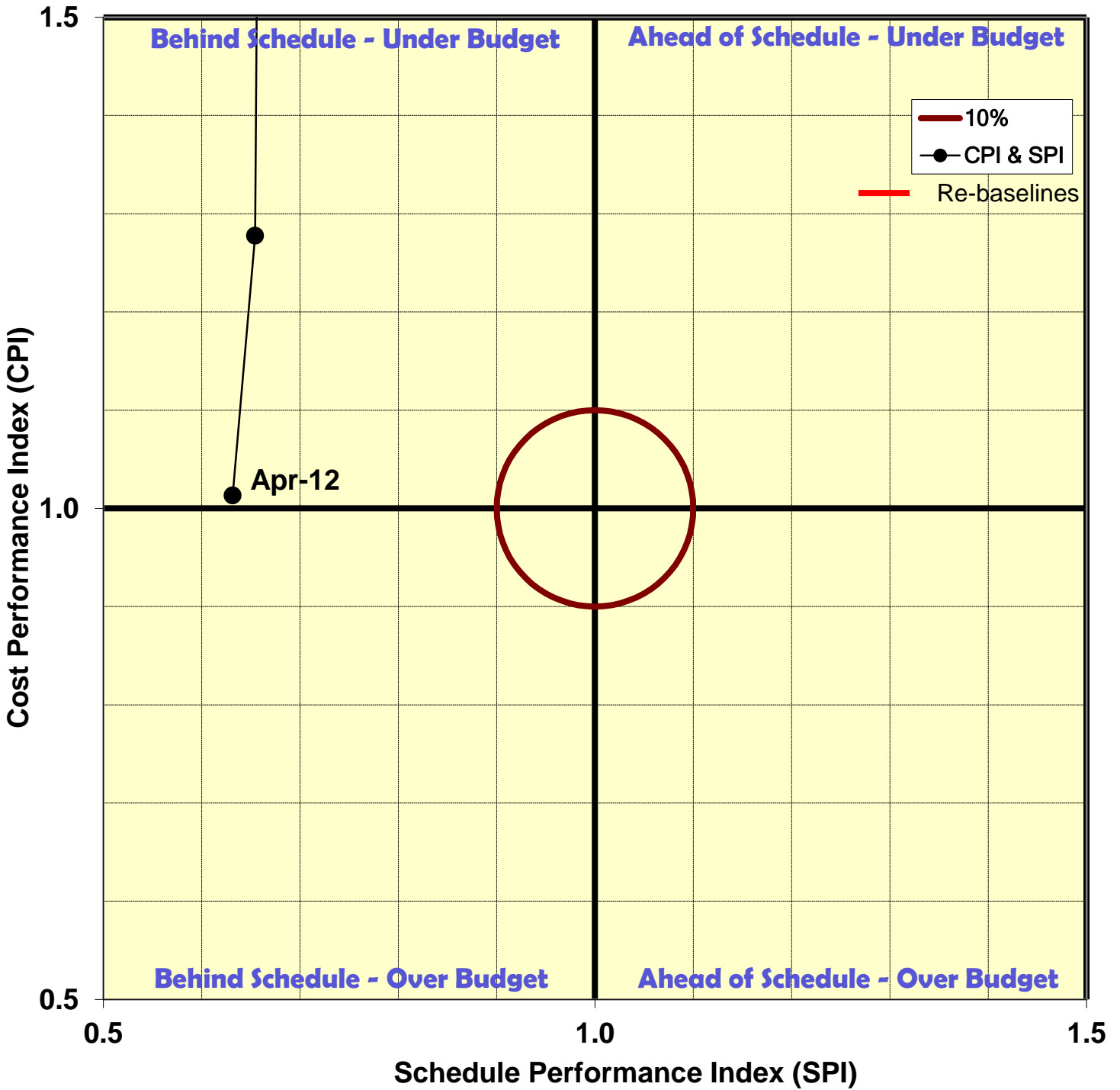
	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	3,077	198
BCWP	2,274	321
ACWP	2,086	180
Sv	(803)	123
Cv	188	141
SPI	0.541	1.622
CPI	0.967	1.779

Percent Complete

**35.8%**



# 12 GeV Upgrade Construction - Hall A

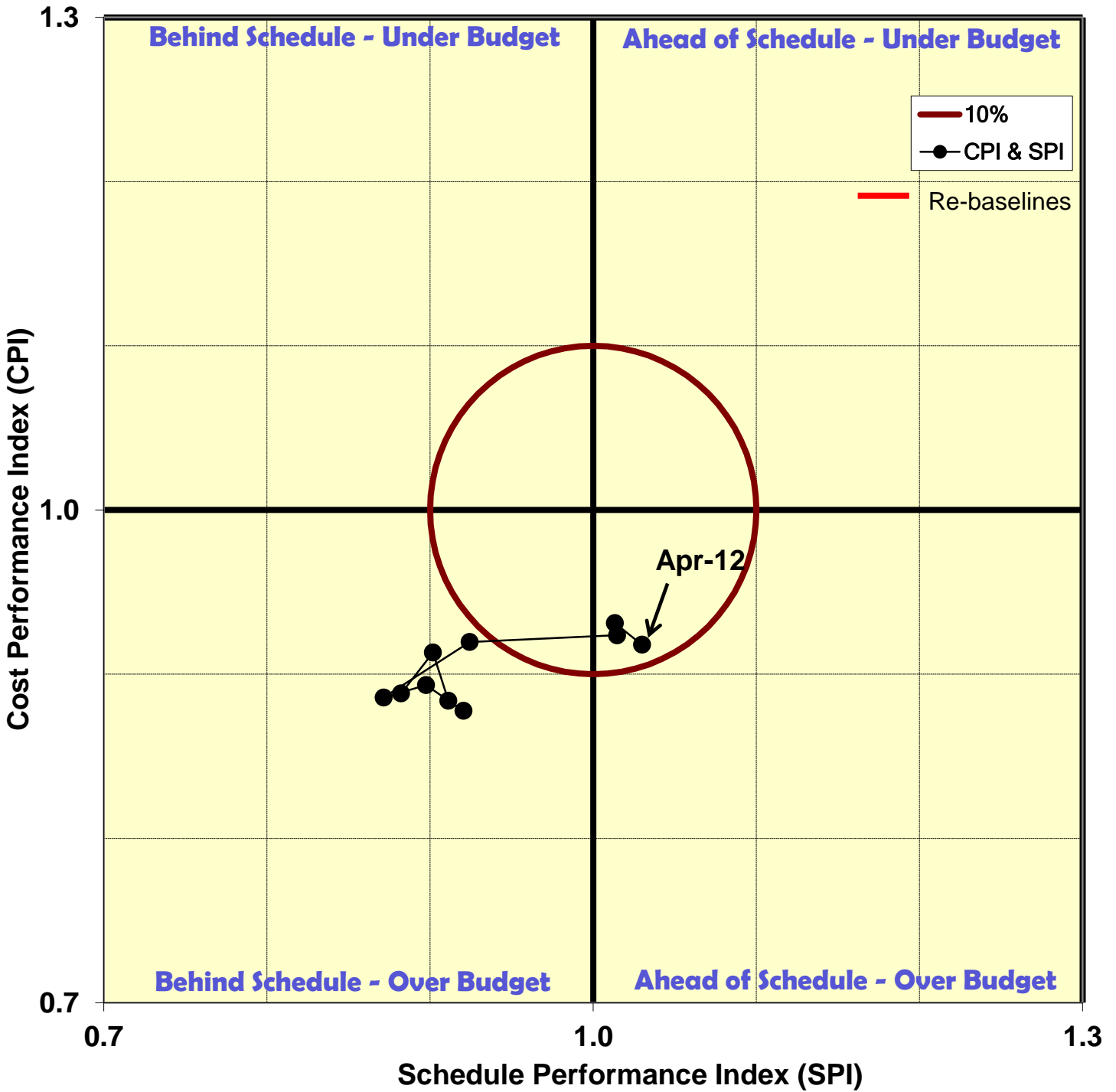


	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	257	19
BCWP	162	7
ACWP	160	38
Sv	-95	-13
Cv	2	-32
SPI	0.631	0.352
CPI	1.013	0.177

Percent Complete

**27.6%**

# 12 GeV Upgrade Construction - Hall B

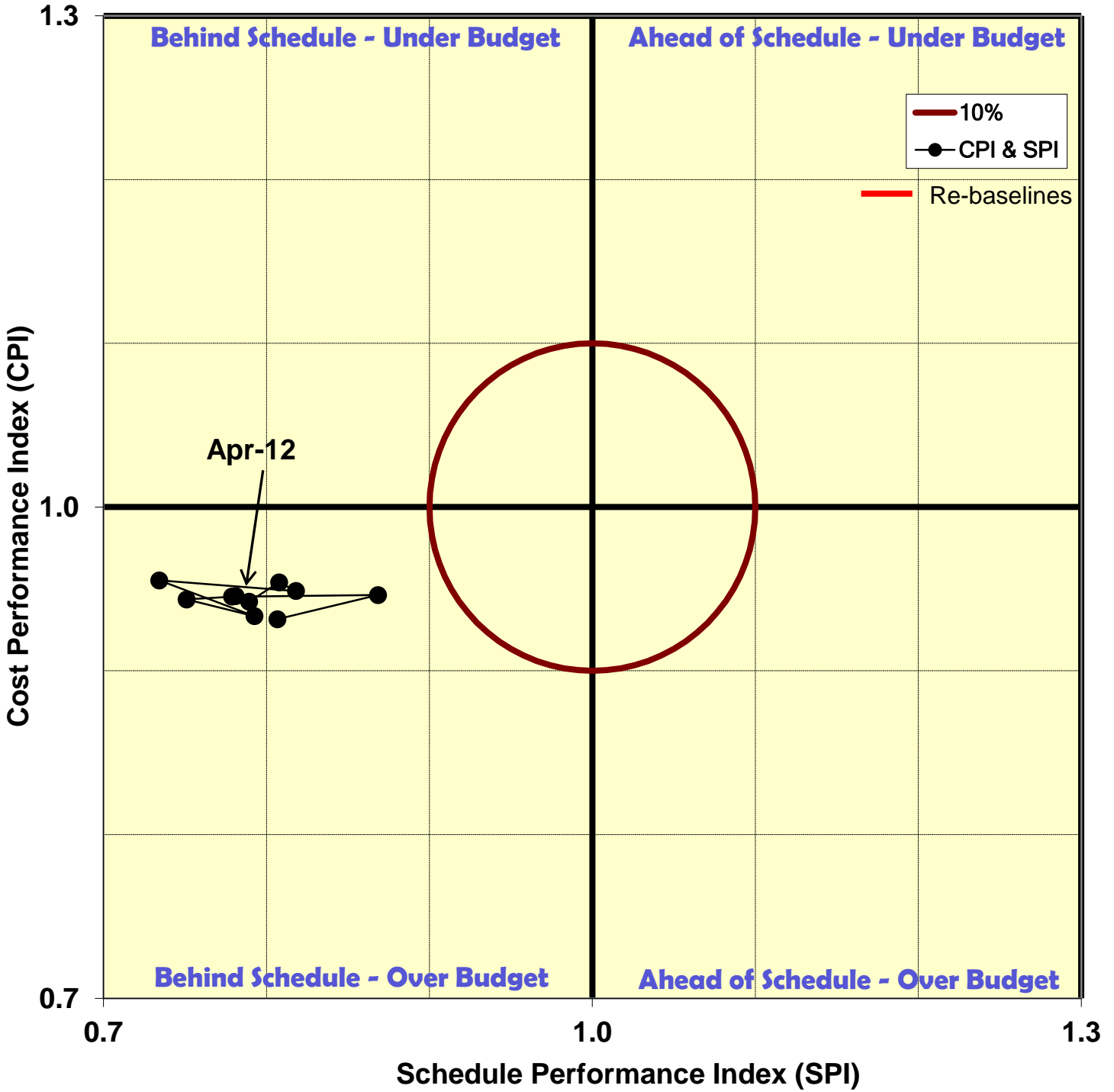


	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	15,212	664
BCWP	15,666	926
ACWP	17,066	1,235
Sv	454	261
Cv	(1,399)	(309)
SPI	1.030	1.393
CPI	0.918	0.750

Percent Complete

**37.9%**

# 12 GeV Upgrade Construction - Hall C

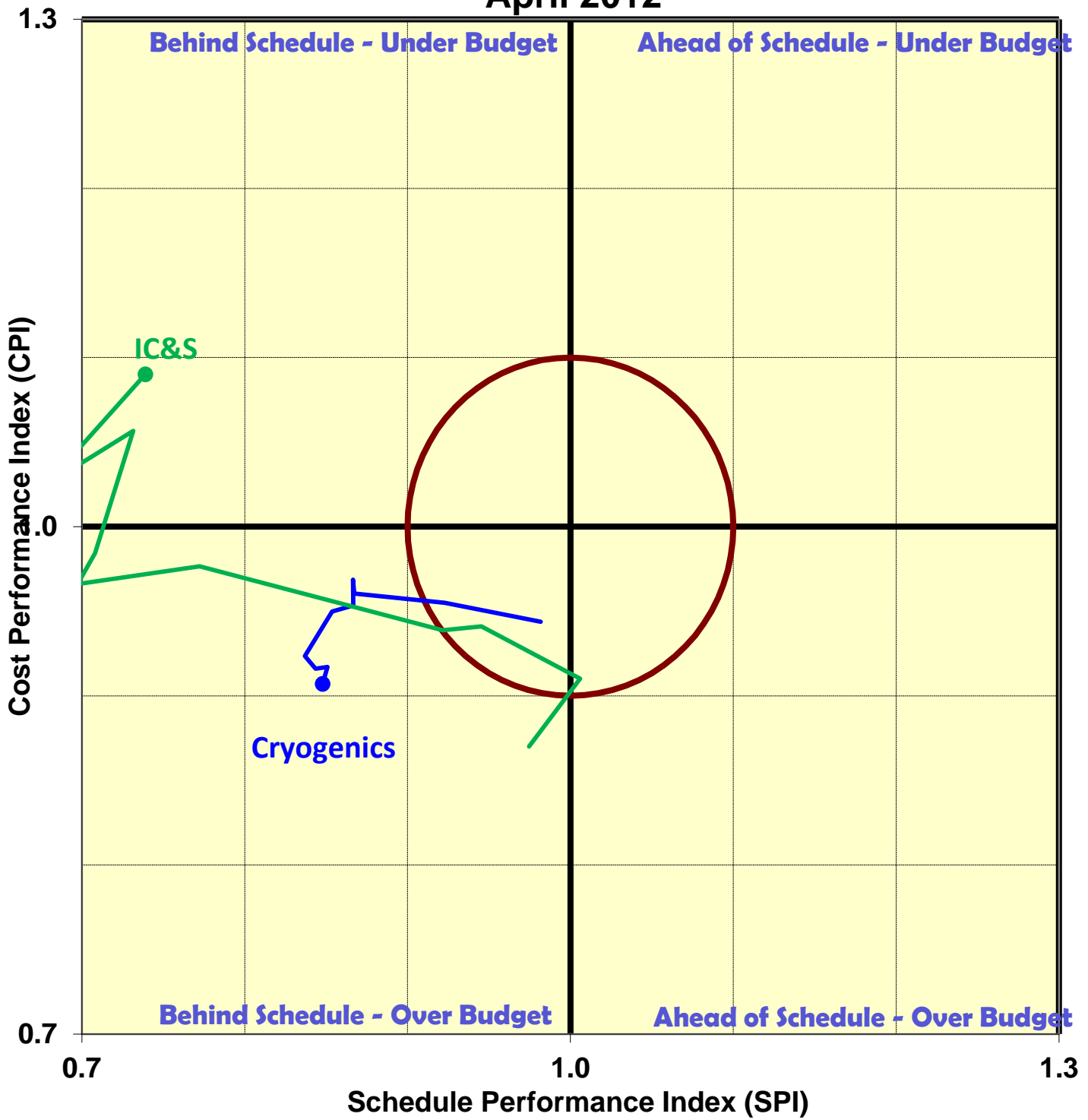


	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	9,234	612
BCWP	7,212	406
ACWP	7,626	403
Sv	(2,021)	(205)
Cv	(1,240)	3
SPI	0.781	0.664
CPI	0.946	1.007

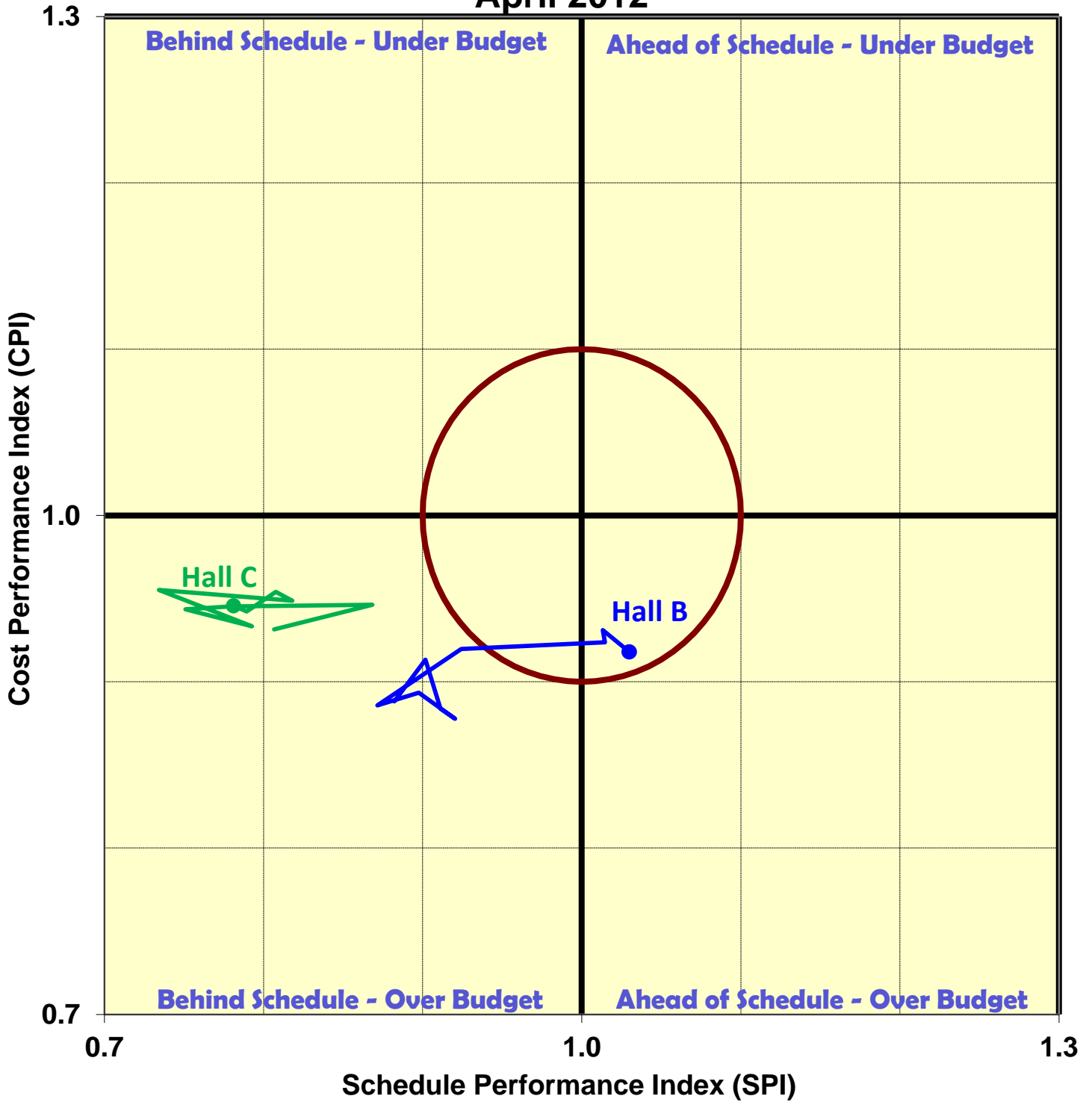
Percent Complete

**27.6%**

# 12 GeV Upgrade - Problems - Accelerator Systems April 2012



# 12 GeV Upgrade - Problems - Physics April 2012



# 12 GeV Upgrade Project Total

