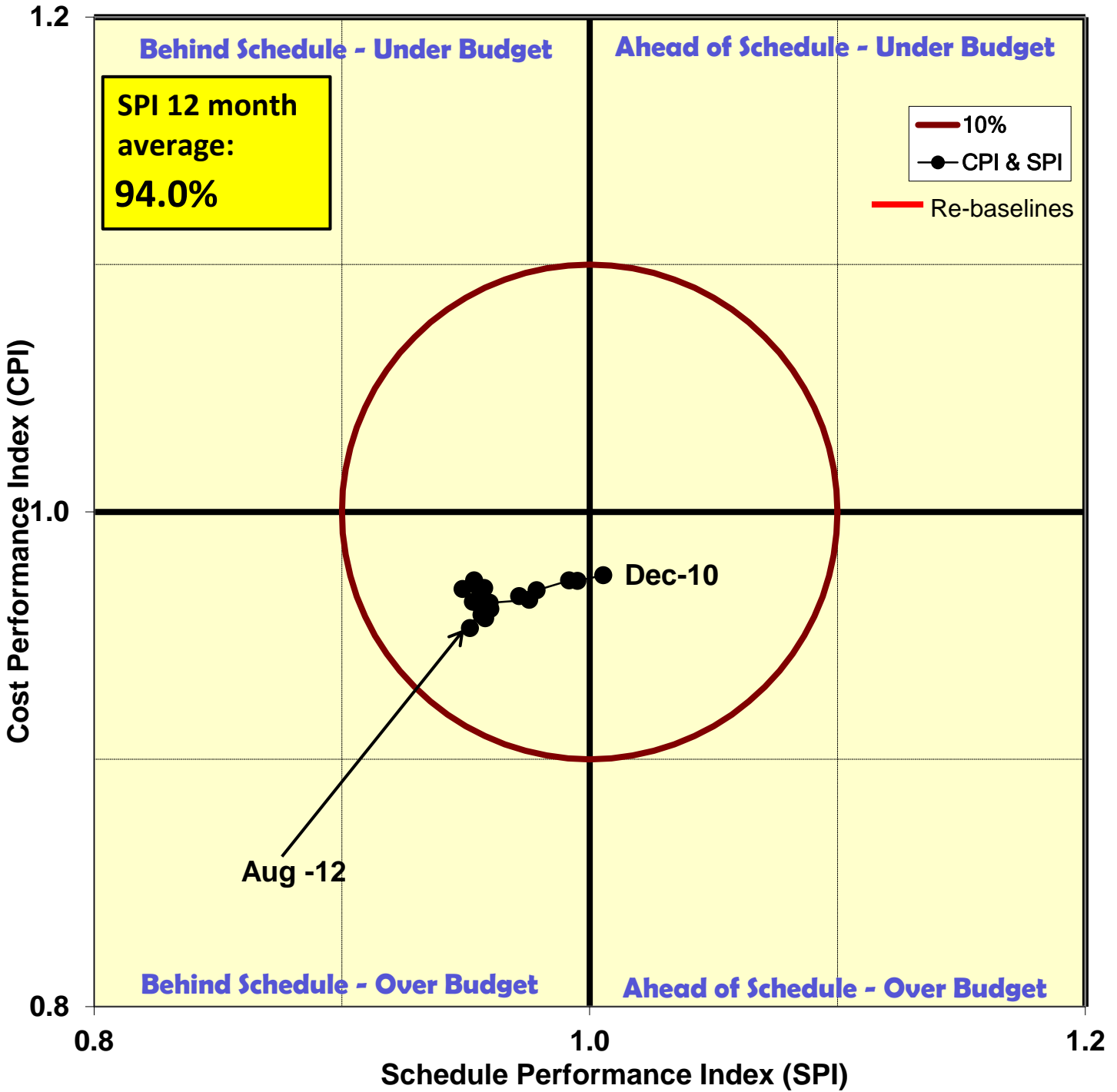


# 12 GeV Upgrade NP Project Total



	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	202,209	5,153
BCWP	192,429	3,994
ACWP	201,911	5,946
Sv	(9,780)	(1,159)
Cv	(9,482)	(1,952)
SPI	0.952	0.775
CPI	0.953	0.672

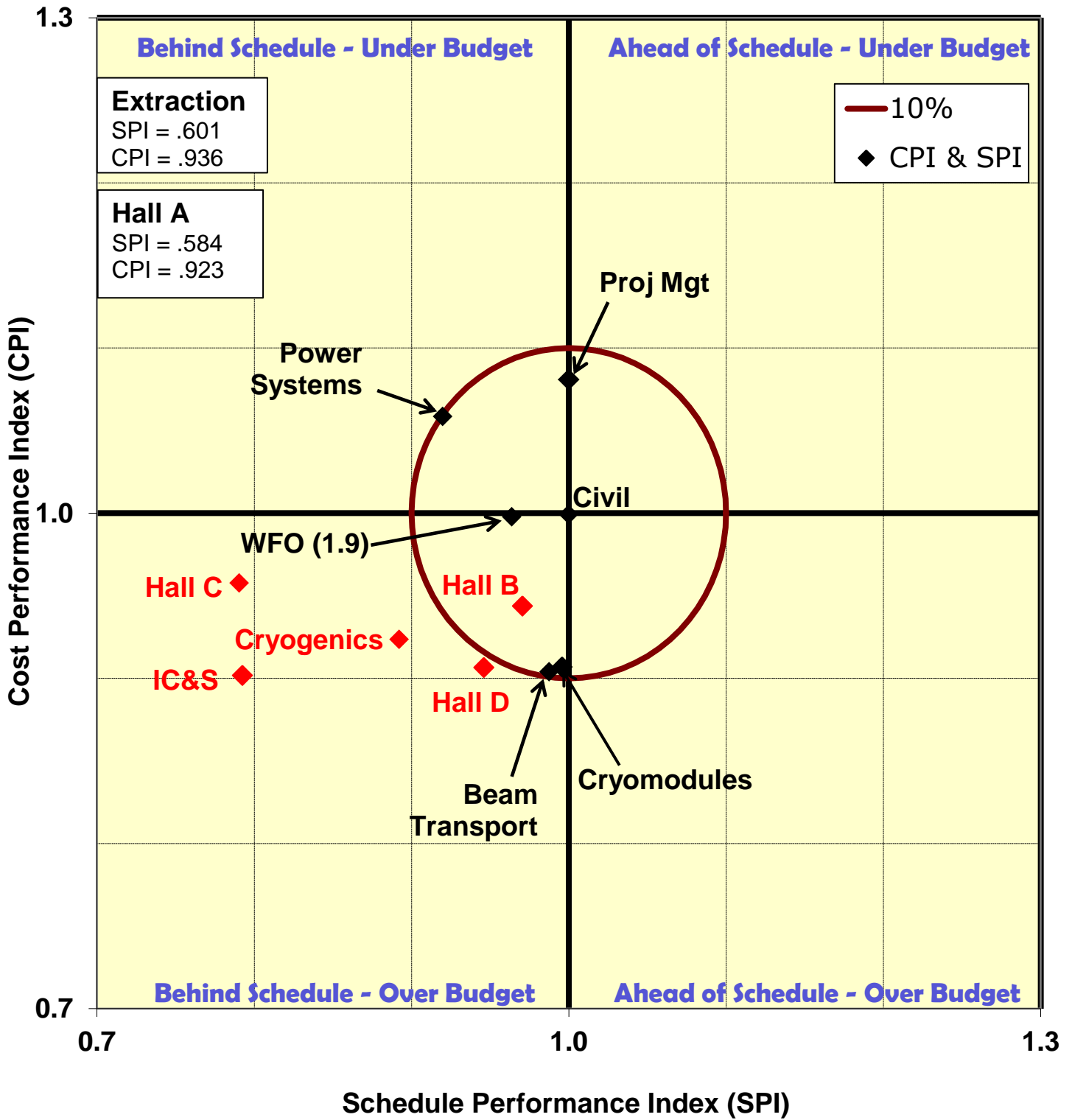
Percent Obligated

**79.1%**

Percent Complete

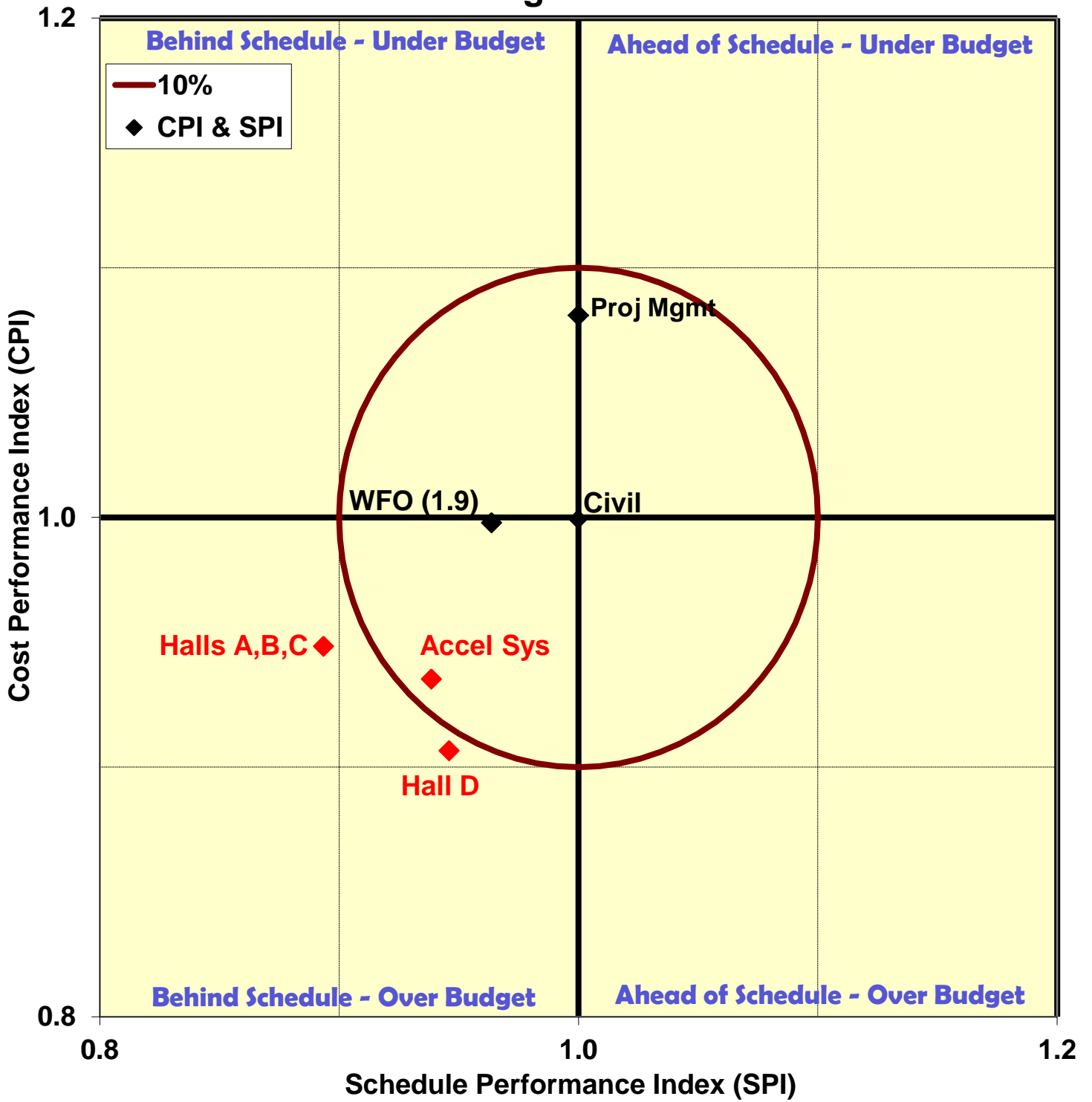
**67.1%**

# 12 GeV Upgrade Construction - August 2012

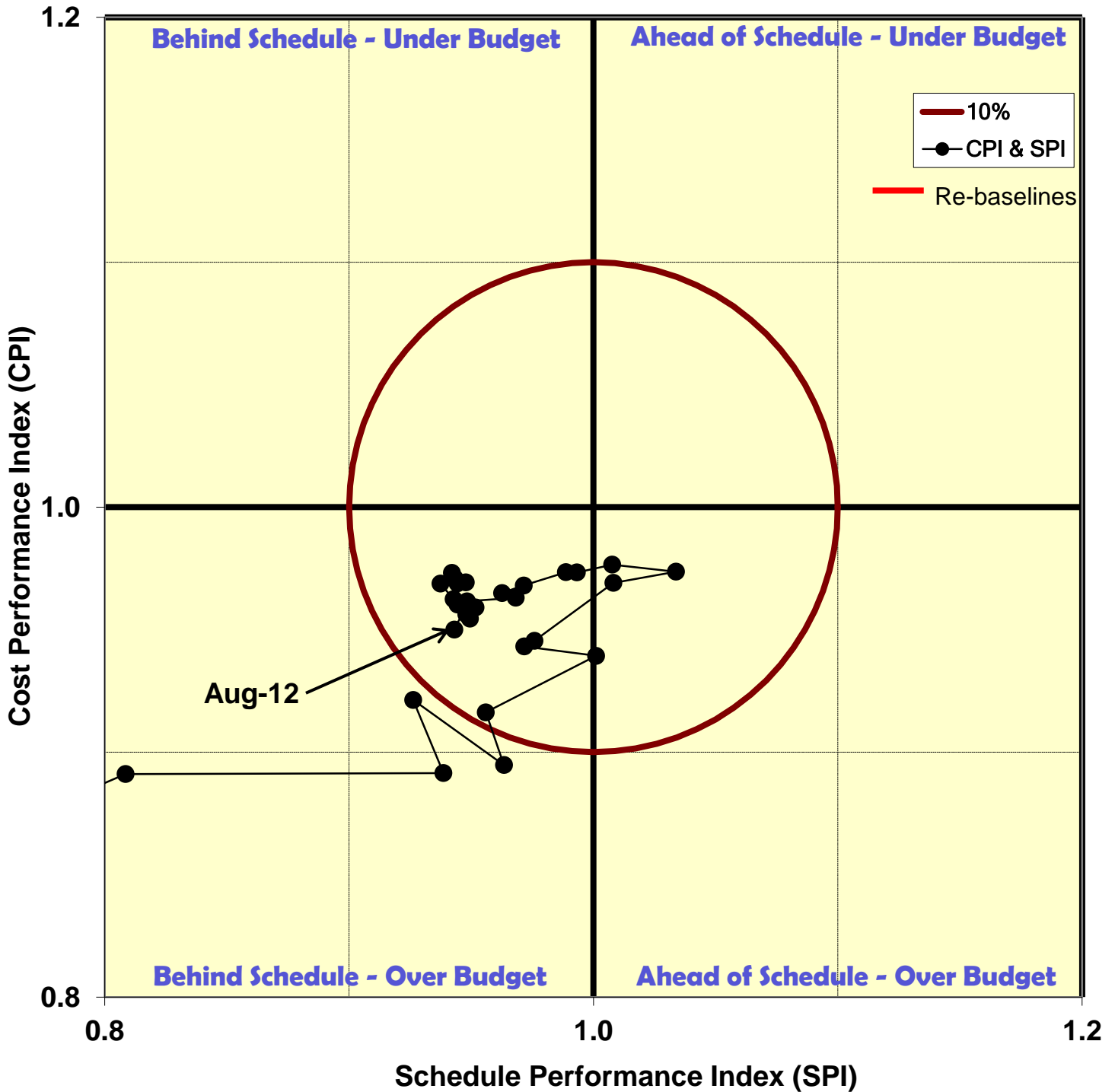


Problems

# 12 GeV Upgrade Construction @ Level 2 August - 2012



# 12 GeV Upgrade NP Construction

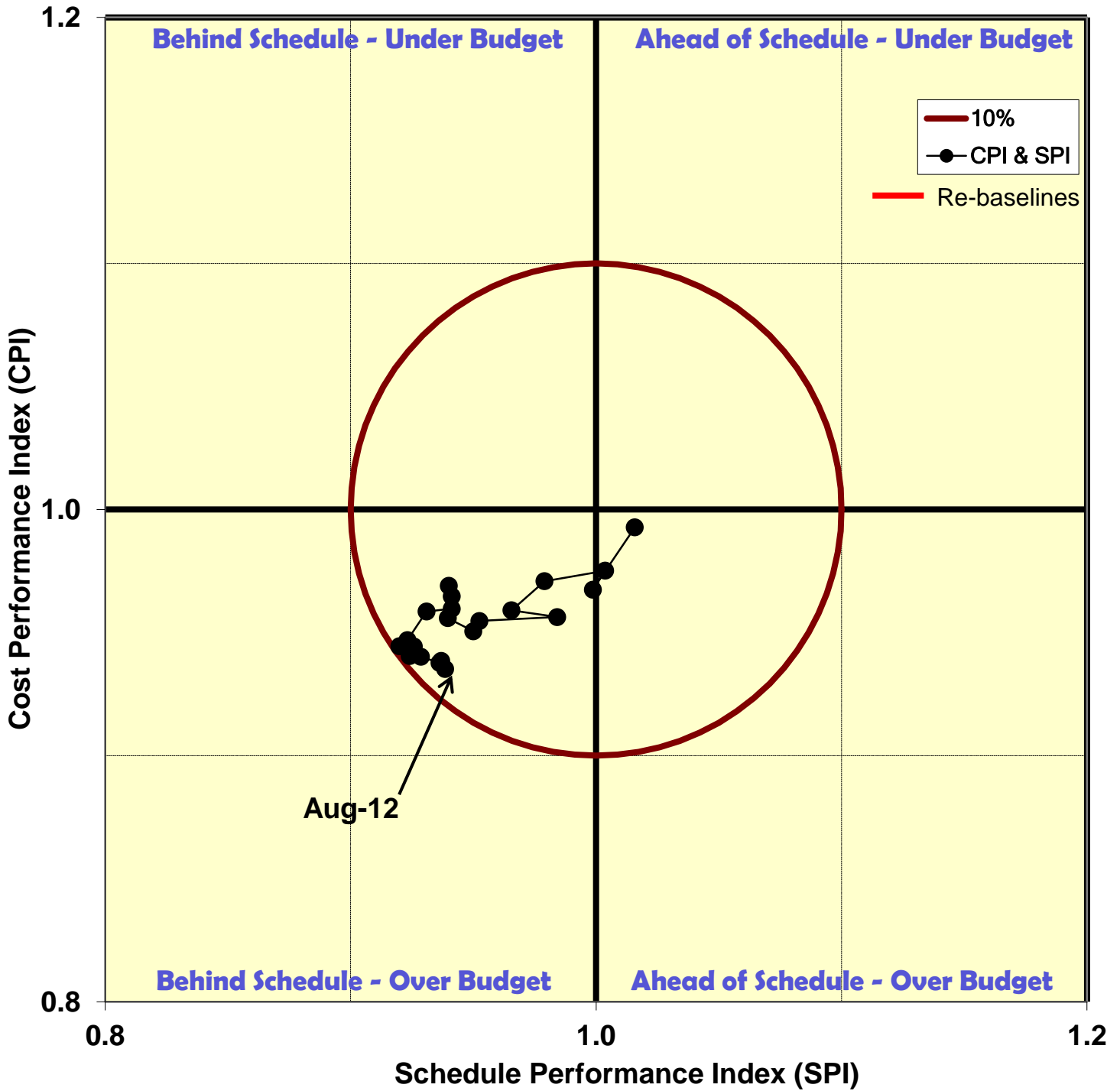


	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	171,693	5,153
BCWP	161,913	3,994
ACWP	170,421	5,946
Sv	(9,780)	(1,159)
Cv	(8,508)	(1,952)
SPI	0.943	0.775
CPI	0.950	0.672

Percent Complete

**65.6%**

# 12 GeV Upgrade - Construction Accel Systems

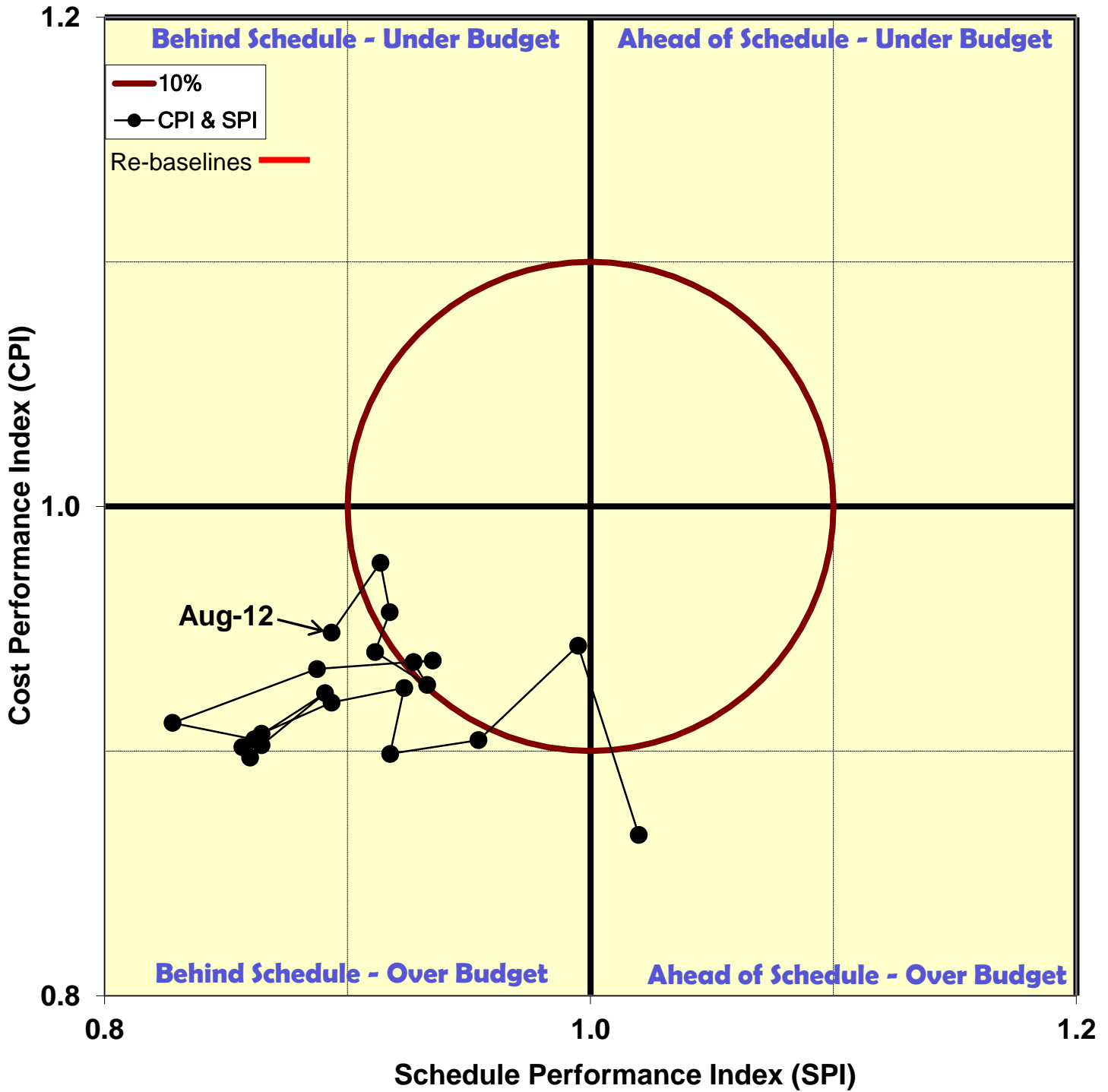


	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	81,986	1,314
BCWP	76,946	1,367
ACWP	82,272	1,739
Sv	(5,040)	52
Cv	(5,326)	(373)
SPI	0.939	1.040
CPI	0.935	0.786

Percent Complete

**79.7%**

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

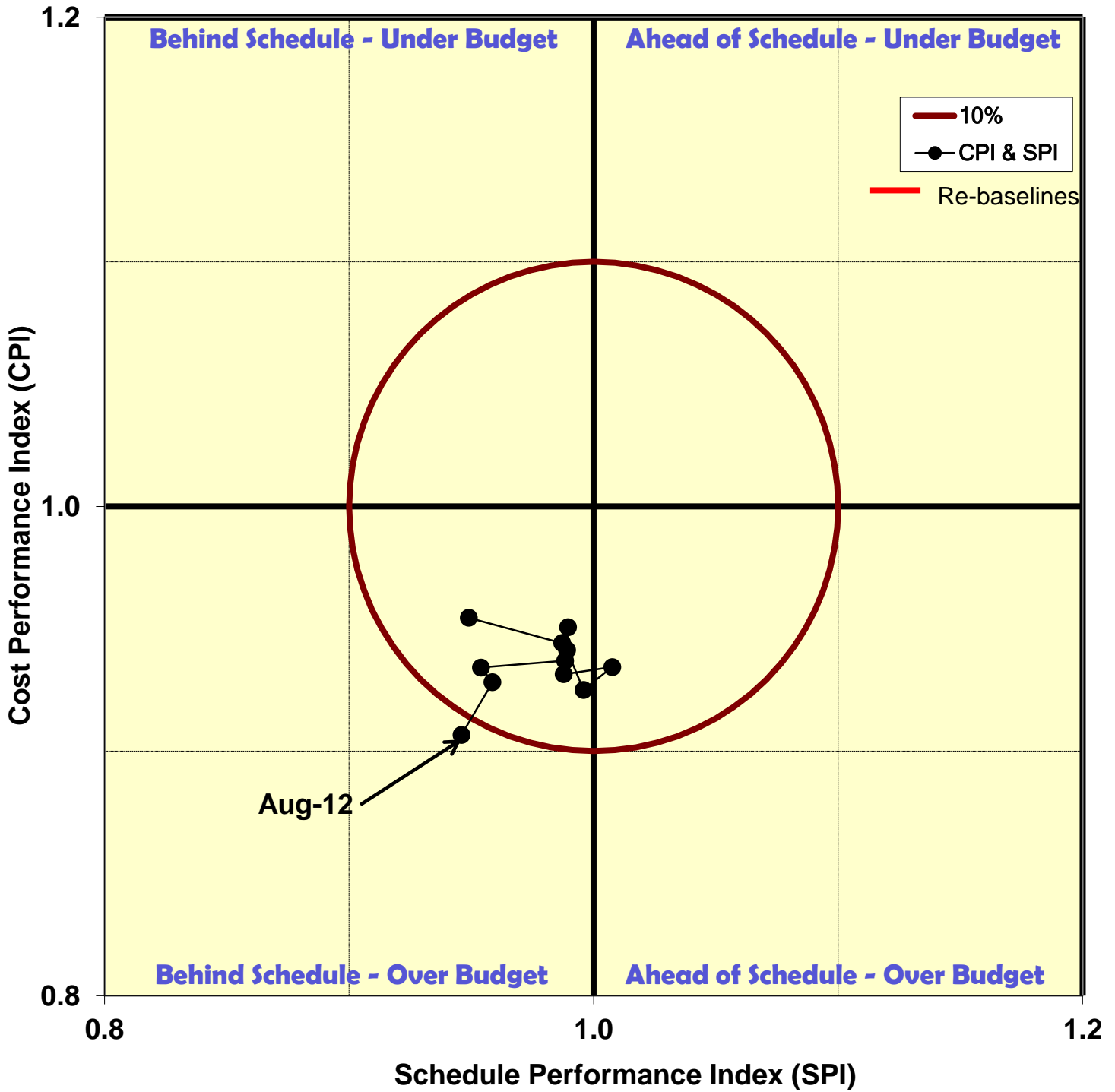


	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	33,739	2,554
BCWP	30,145	1,657
ACWP	31,785	2,627
Sv	(3,595)	(897)
Cv	(1,640)	(970)
SPI	0.893	0.649
CPI	0.948	0.631

Percent Complete

**43.8%**

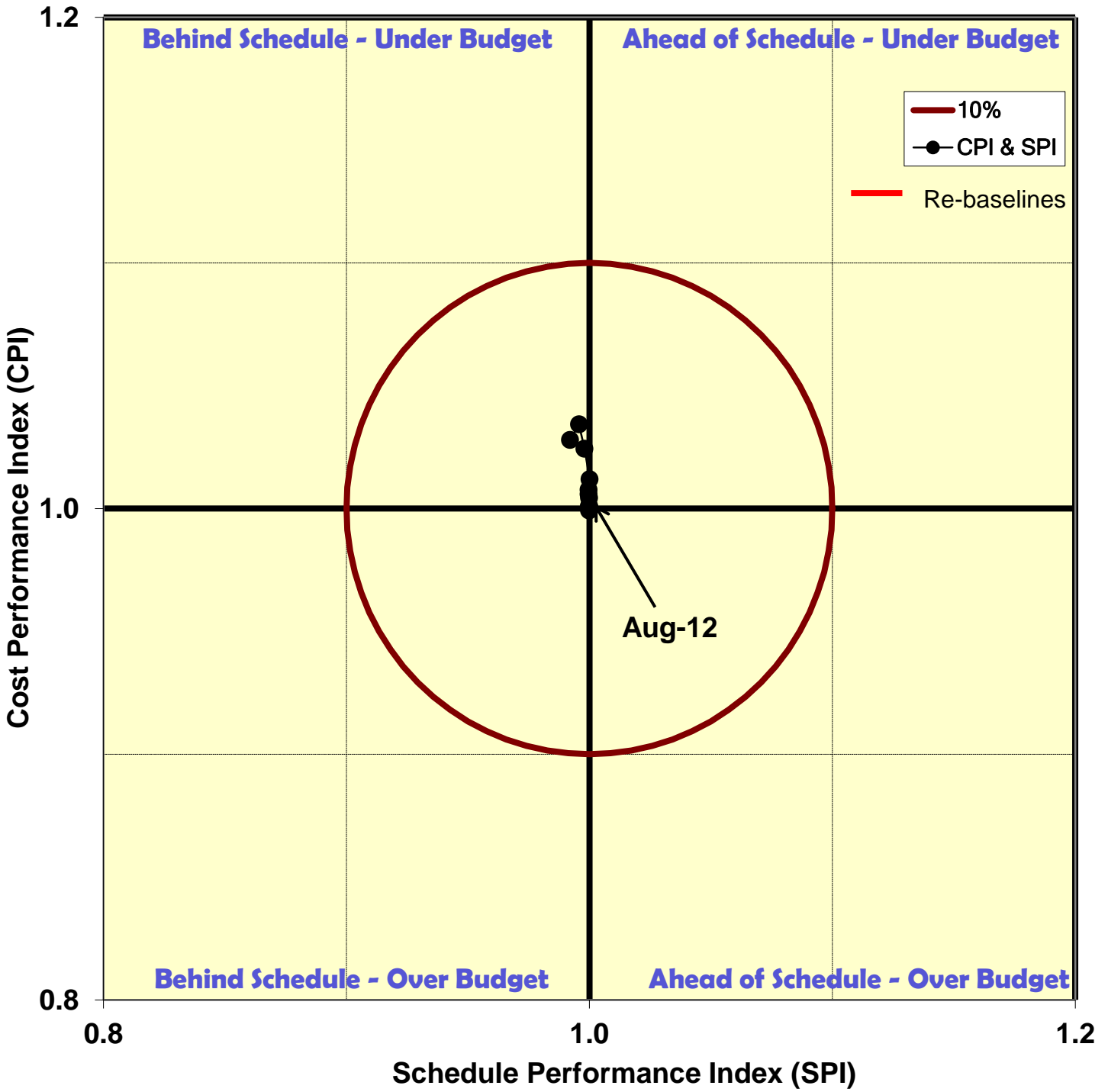
# 12 GeV Upgrade Construction - Hall D



	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	21,092	1,115
BCWP	19,952	801
ACWP	22,008	1,374
Sv	(1,140)	(314)
Cv	(2,056)	(573)
SPI	0.946	0.719
CPI	0.907	0.583

Percent Complete  
**43.6%**

# 12 GeV Upgrade Construction - Civil



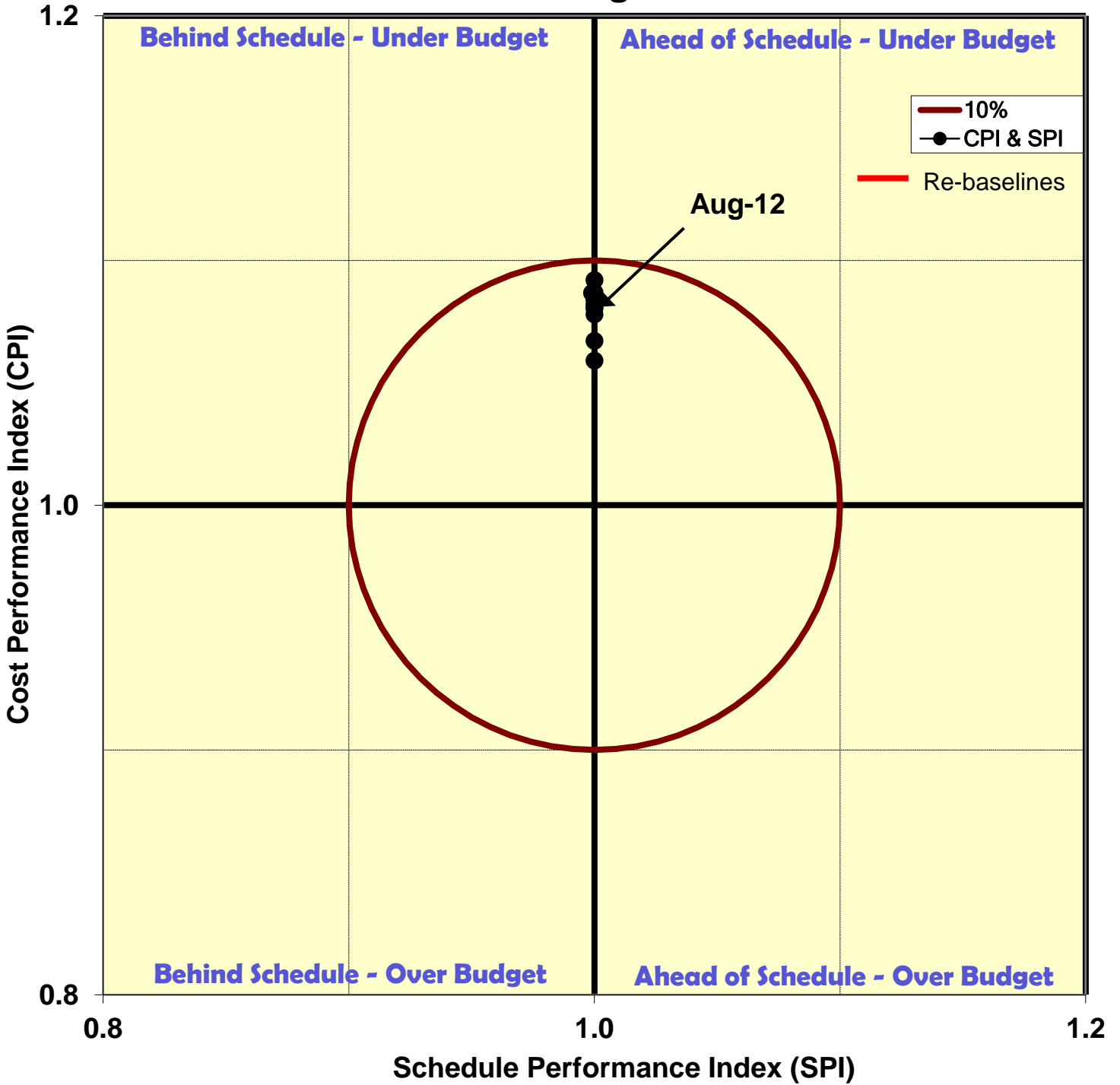
	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	27,735	0
BCWP	27,730	0
ACWP	27,750	43
Sv	(5)	0
Cv	(20)	(43)
SPI	1.000	0.000
CPI	0.999	0.000

Percent Complete

**91.8%**



# 12 GeV Upgrade Construction - Project Management

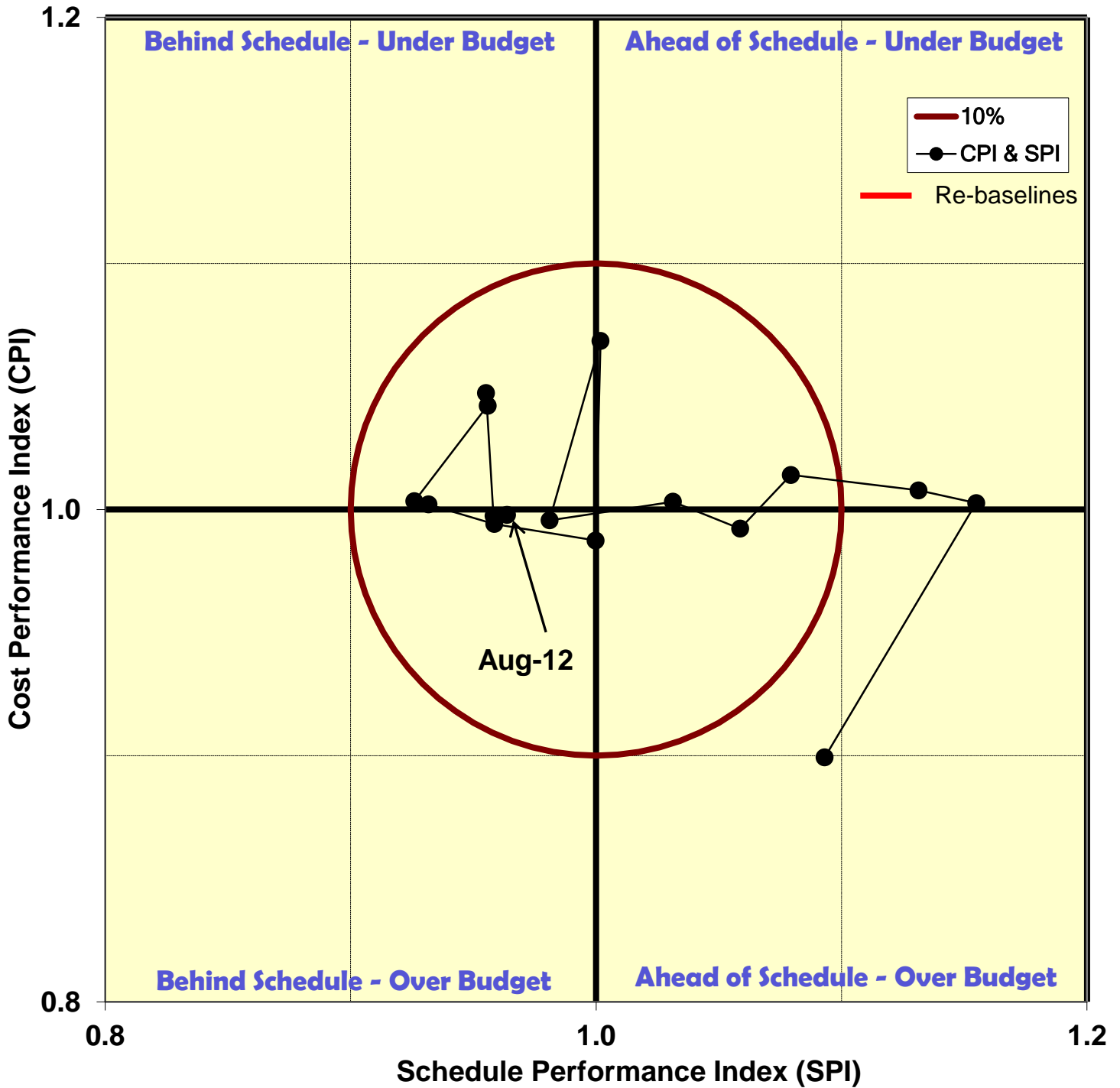


	<u>CUM \$K</u>	<u>Monthly \$K</u>
<b>BCWS</b>	7,141	169
<b>BCWP</b>	7,141	169
<b>ACWP</b>	6,606	162
<b>Sv</b>	0	(0)
<b>Cv</b>	534	7
<b>SPI</b>	1.000	1.000
<b>CPI</b>	1.081	1.040

Percent Complete

77.6%

# 12 GeV Upgrade Construction - WFO Funding (1.9)

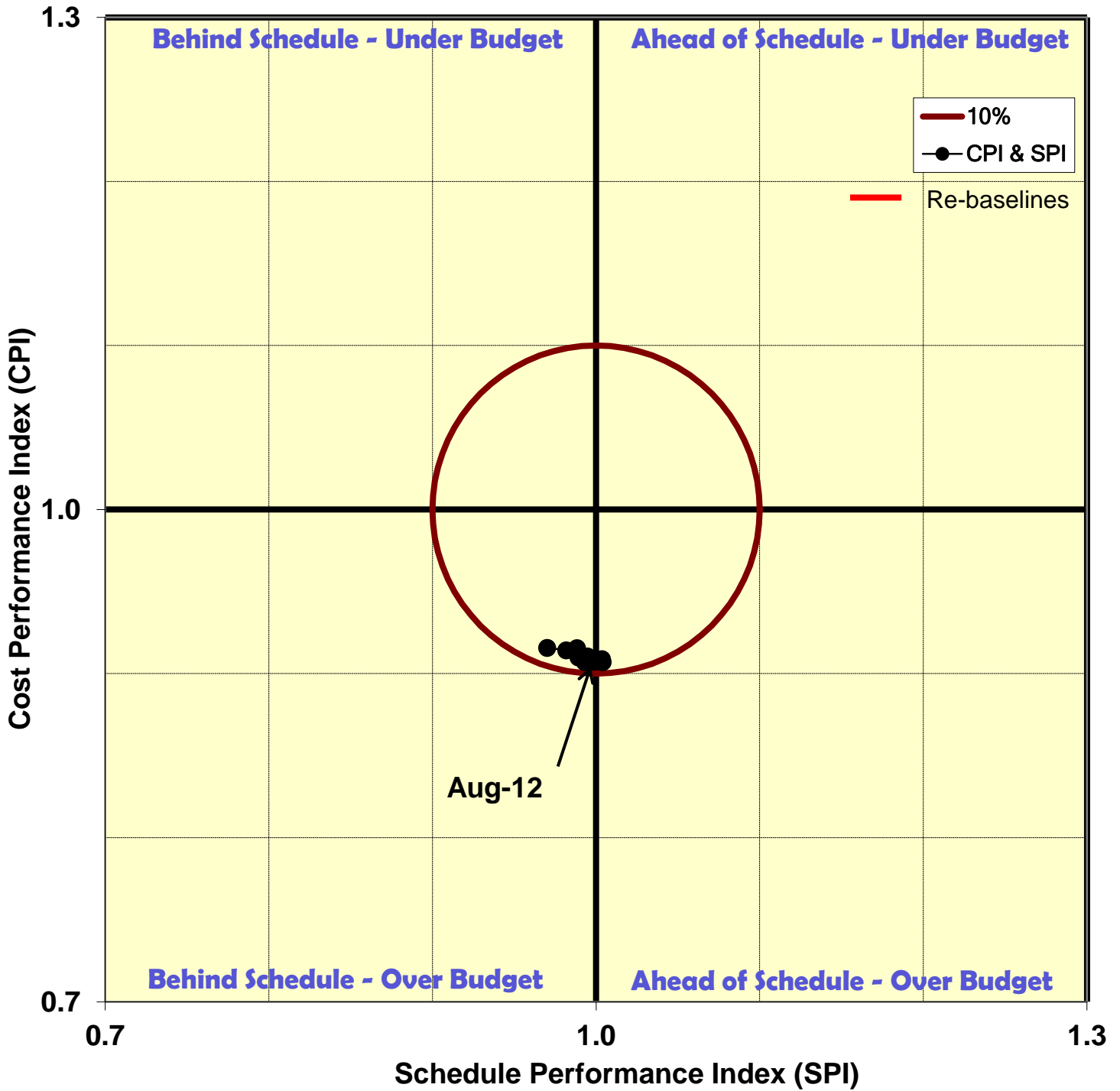


	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	8,577	28
BCWP	8,266	74
ACWP	8,283	71
Sv	(312)	46
Cv	(18)	3
SPI	0.964	2.630
CPI	0.998	1.043

Percent Complete

**94.5%**

# 12 GeV Upgrade Construction - Cryomodules

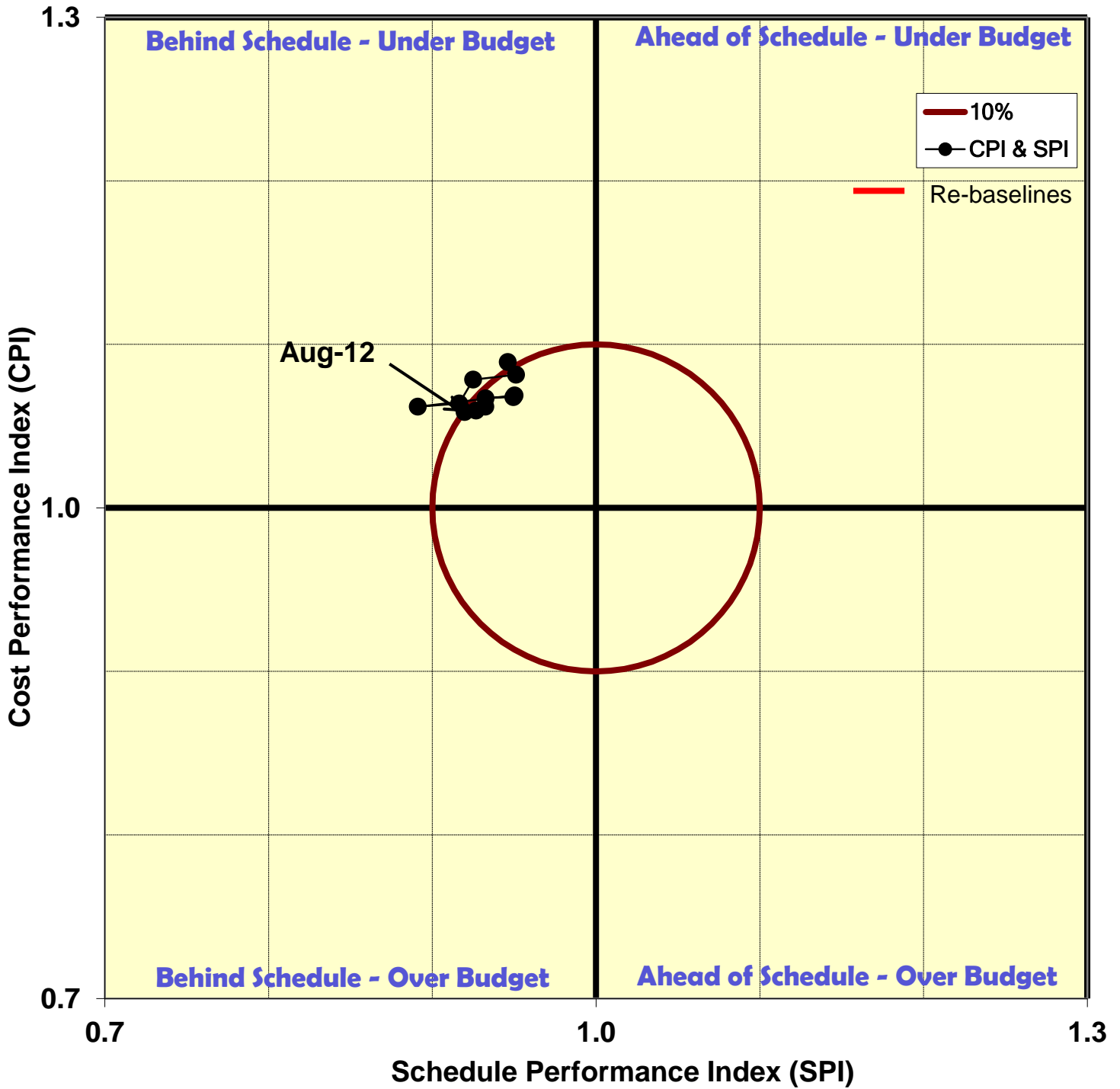


	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	22,805	165
BCWP	22,707	109
ACWP	25,038	162
Sv	(98)	(57)
Cv	(2,331)	(53)
SPI	0.996	0.658
CPI	0.907	0.671

Percent Complete

**95.7%**

# 12 GeV Upgrade Construction - Power Systems

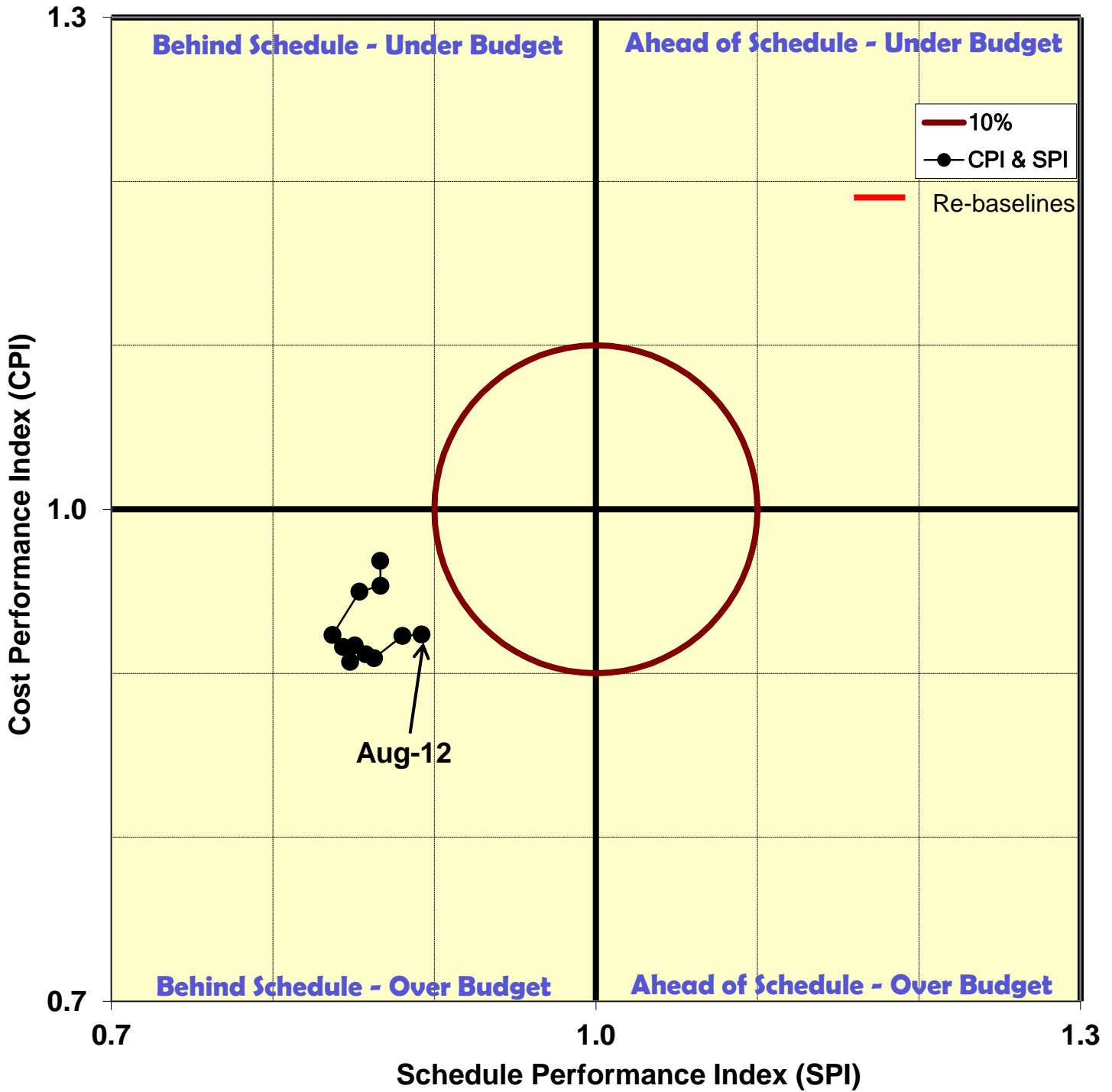


	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	15,298	228
BCWP	14,070	106
ACWP	13,291	112
Sv	(1,228)	(122)
Cv	779	(6)
SPI	0.920	0.465
CPI	1.059	0.951

Percent Complete

**72.0%**

# 12 GeV Upgrade Construction - Cryogenics

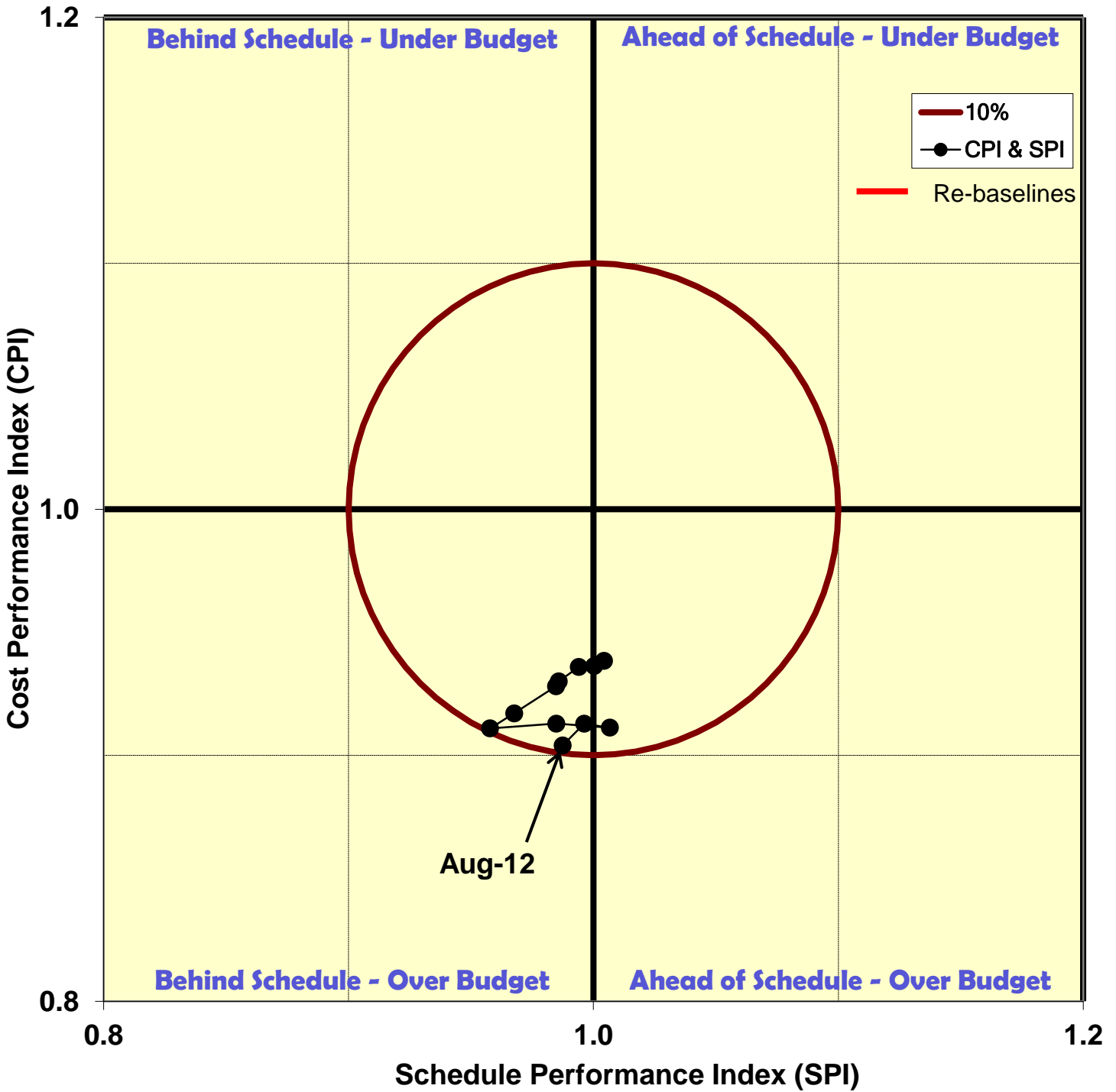


	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	23,204	40
BCWP	20,699	309
ACWP	22,411	316
Sv	(2,505)	269
Cv	(1,711)	(7)
SPI	0.892	7.799
CPI	0.924	0.978

Percent Complete

**85.8%**

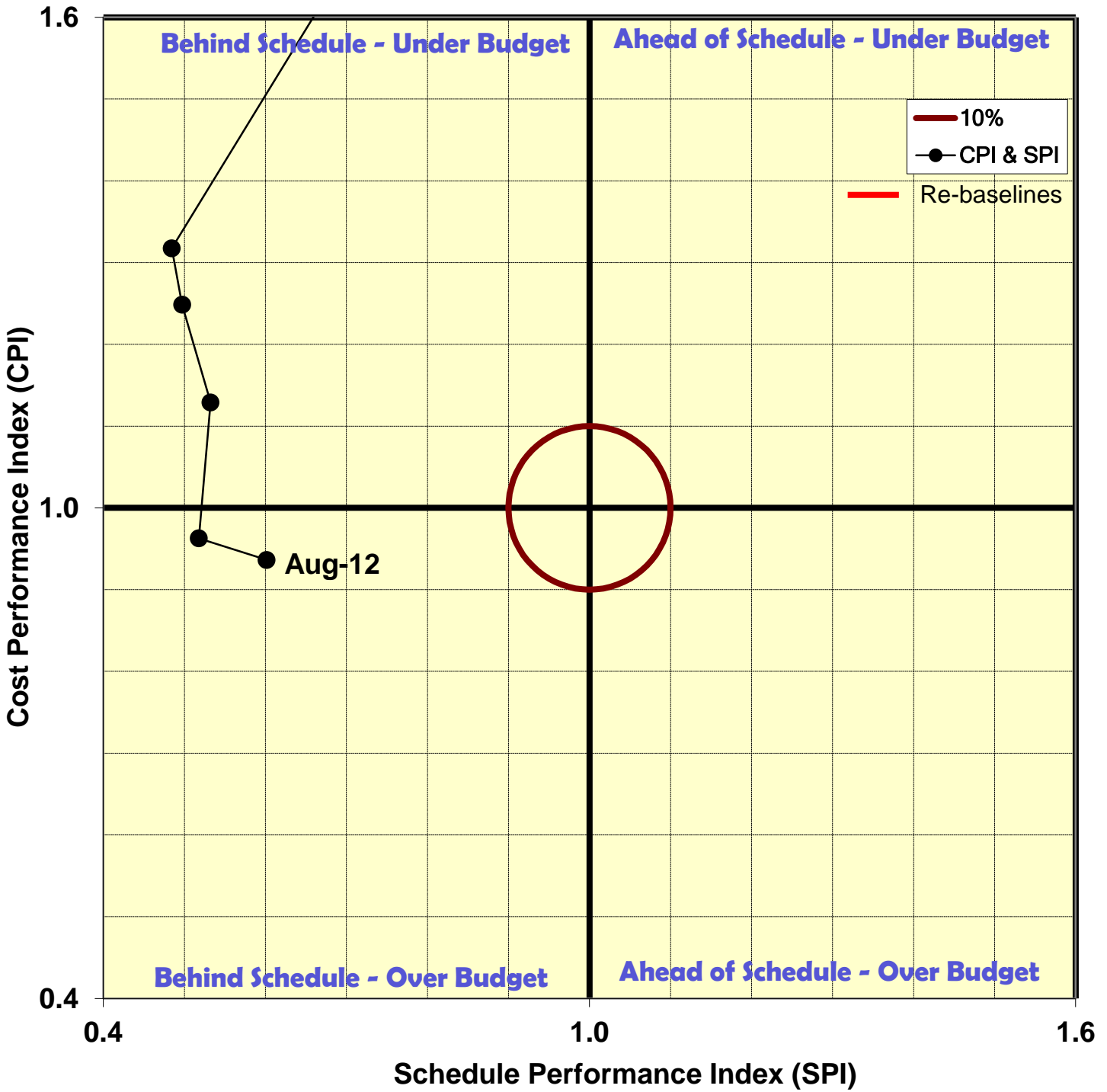
# 12 GeV Upgrade Construction - Beam Transport



	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	16,340	700
BCWP	16,135	554
ACWP	17,847	779
Sv	(205)	(146)
Cv	(1,713)	(224)
SPI	0.987	0.792
CPI	0.904	0.712

Percent Complete  
**79.2%**

# 12 GeV Upgrade Construction - Extraction

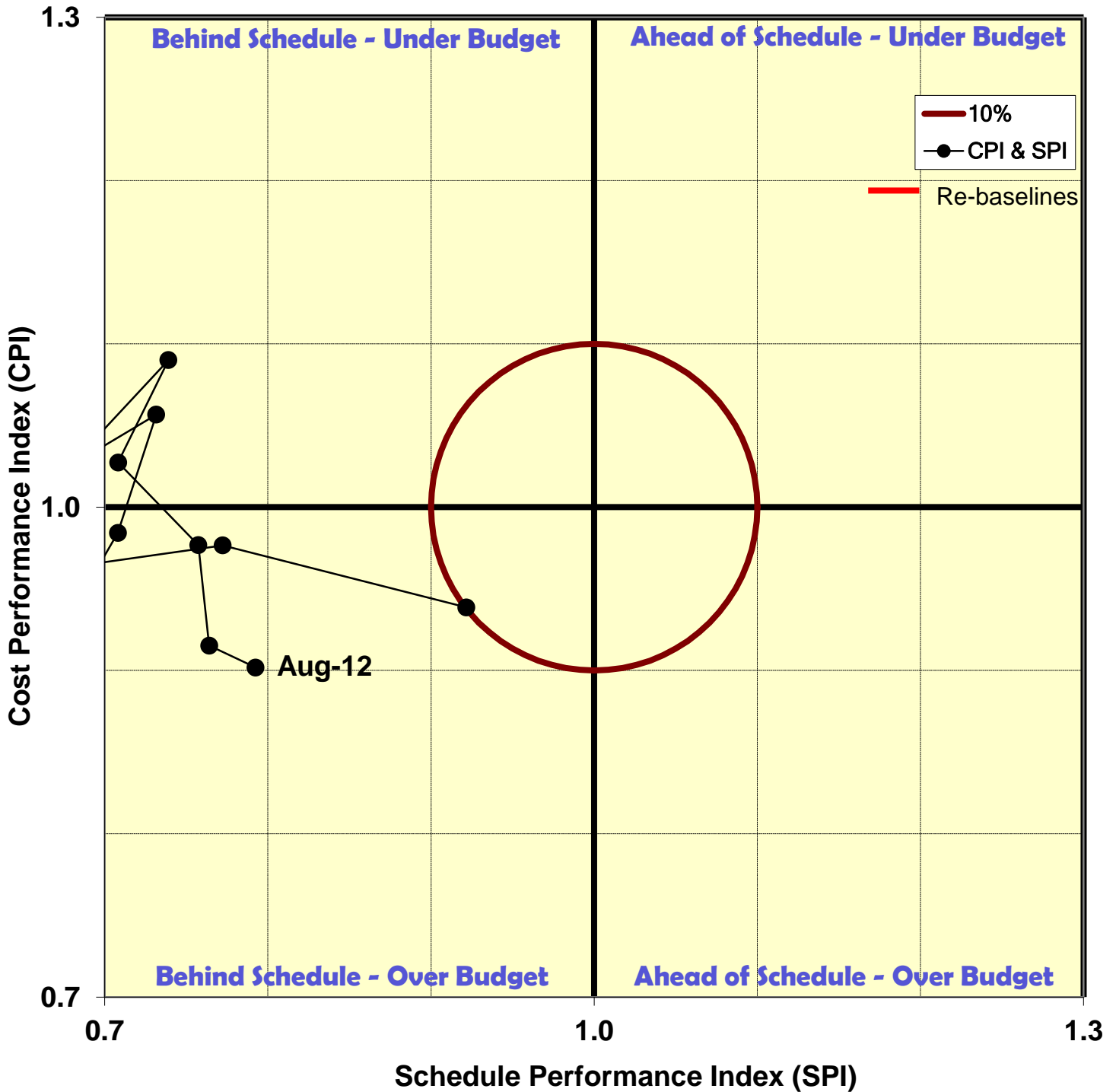


	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	541	12
BCWP	325	51
ACWP	347	63
Sv	(215)	40
Cv	(22)	(12)
SPI	0.601	4.348
CPI	0.936	0.817

Percent Complete

**55.0%**

# 12 GeV Upgrade Construction - IC&S



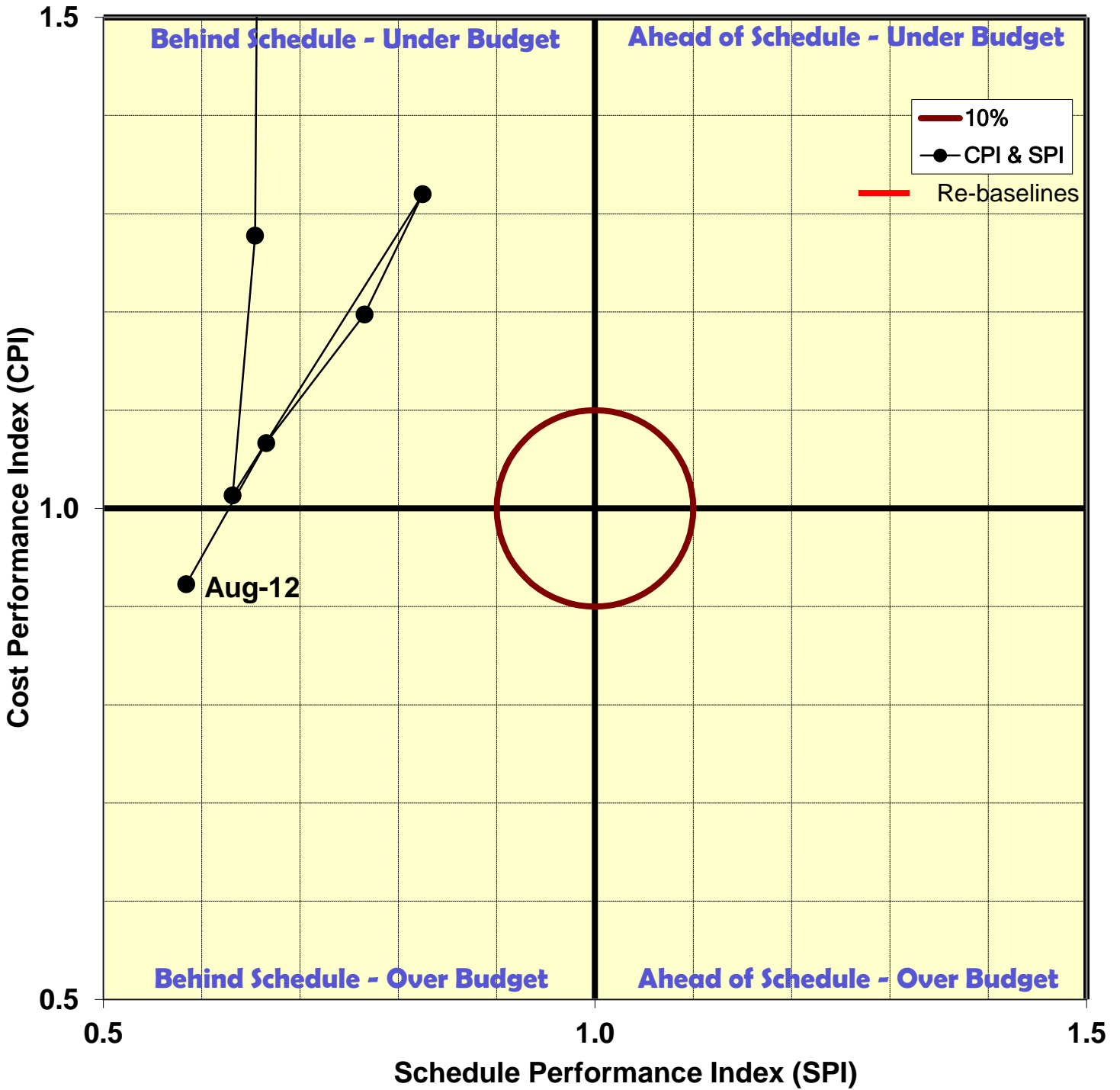
	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	3,797	169
BCWP	3,009	237
ACWP	3,337	308
Sv	(788)	68
Cv	(328)	(71)
SPI	0.792	1.403
CPI	0.902	0.770

Percent Complete

**46.9%**



# 12 GeV Upgrade Construction - Hall A

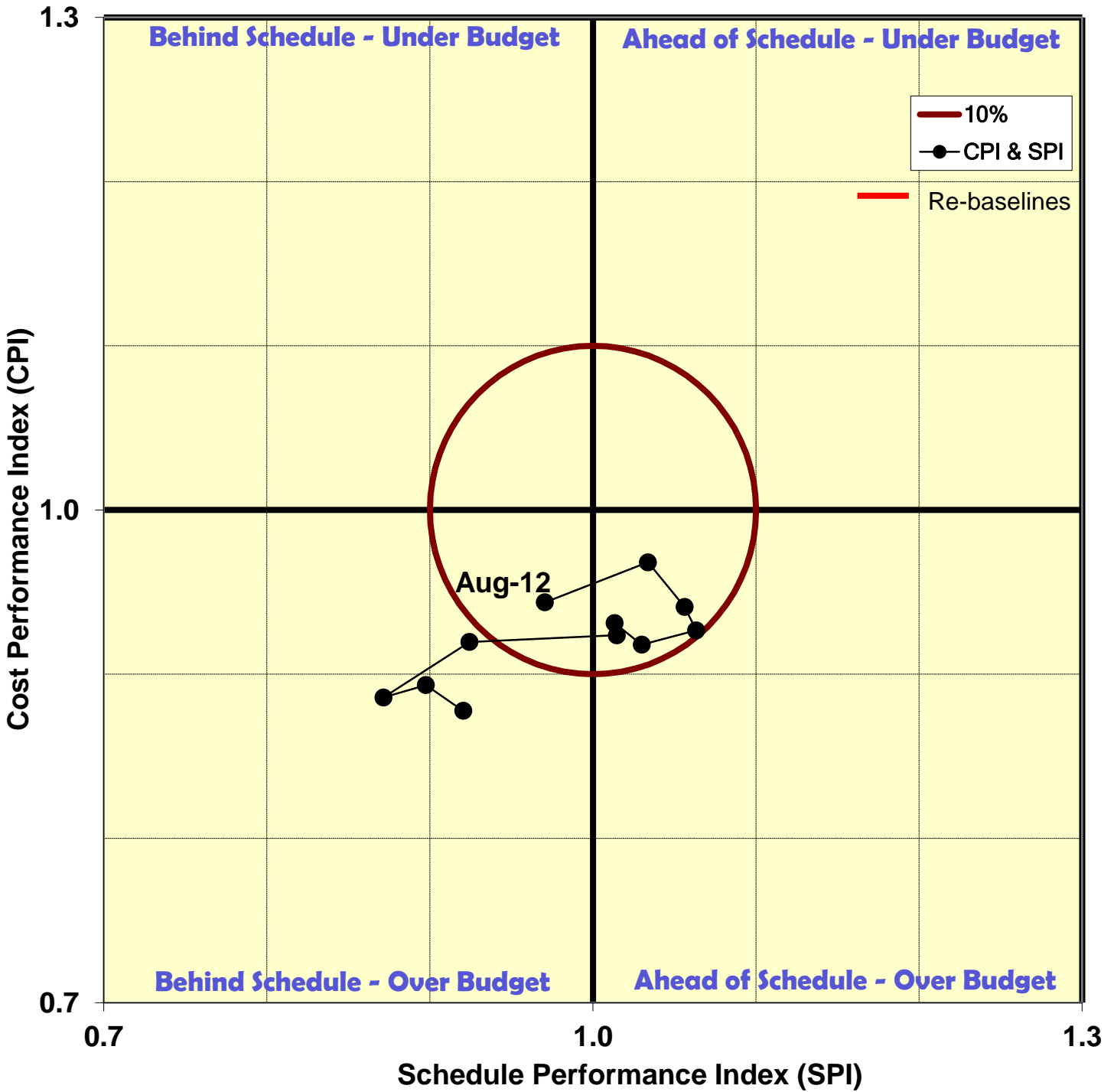


	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	537	85
BCWP	314	13
ACWP	340	58
Sv	-223	-72
Cv	-26	-45
SPI	0.584	0.152
CPI	0.923	0.224

Percent Complete

**53.4%**

# 12 GeV Upgrade Construction - Hall B



	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	19,928	1,614
BCWP	19,340	410
ACWP	20,491	939
Sv	(588)	(1,205)
Cv	(1,152)	(529)
SPI	0.970	0.254
CPI	0.944	0.436

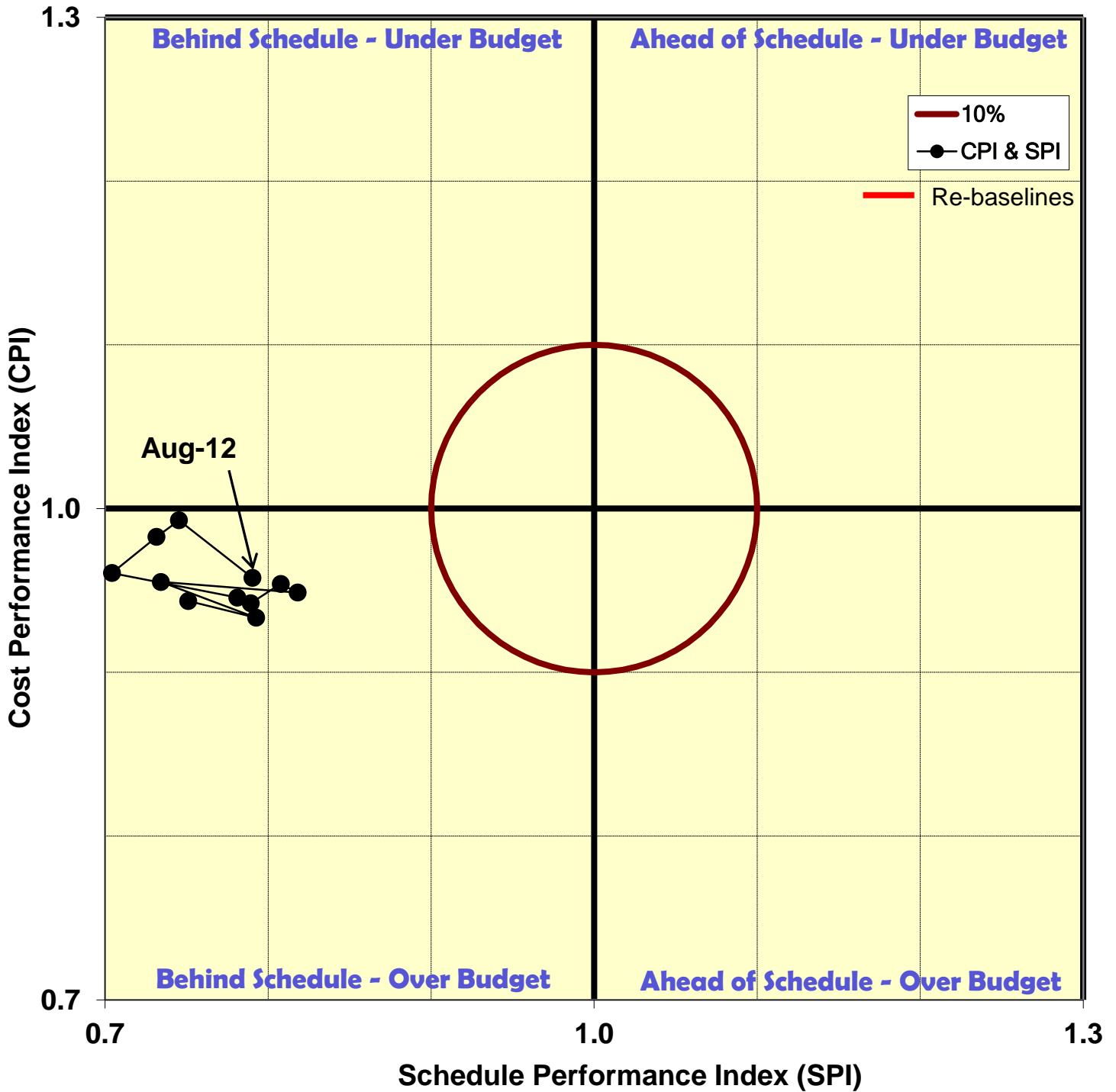
Percent Obligated

**65.7%**

Percent Complete

**46.0%**

# 12 GeV Upgrade Construction - Hall C

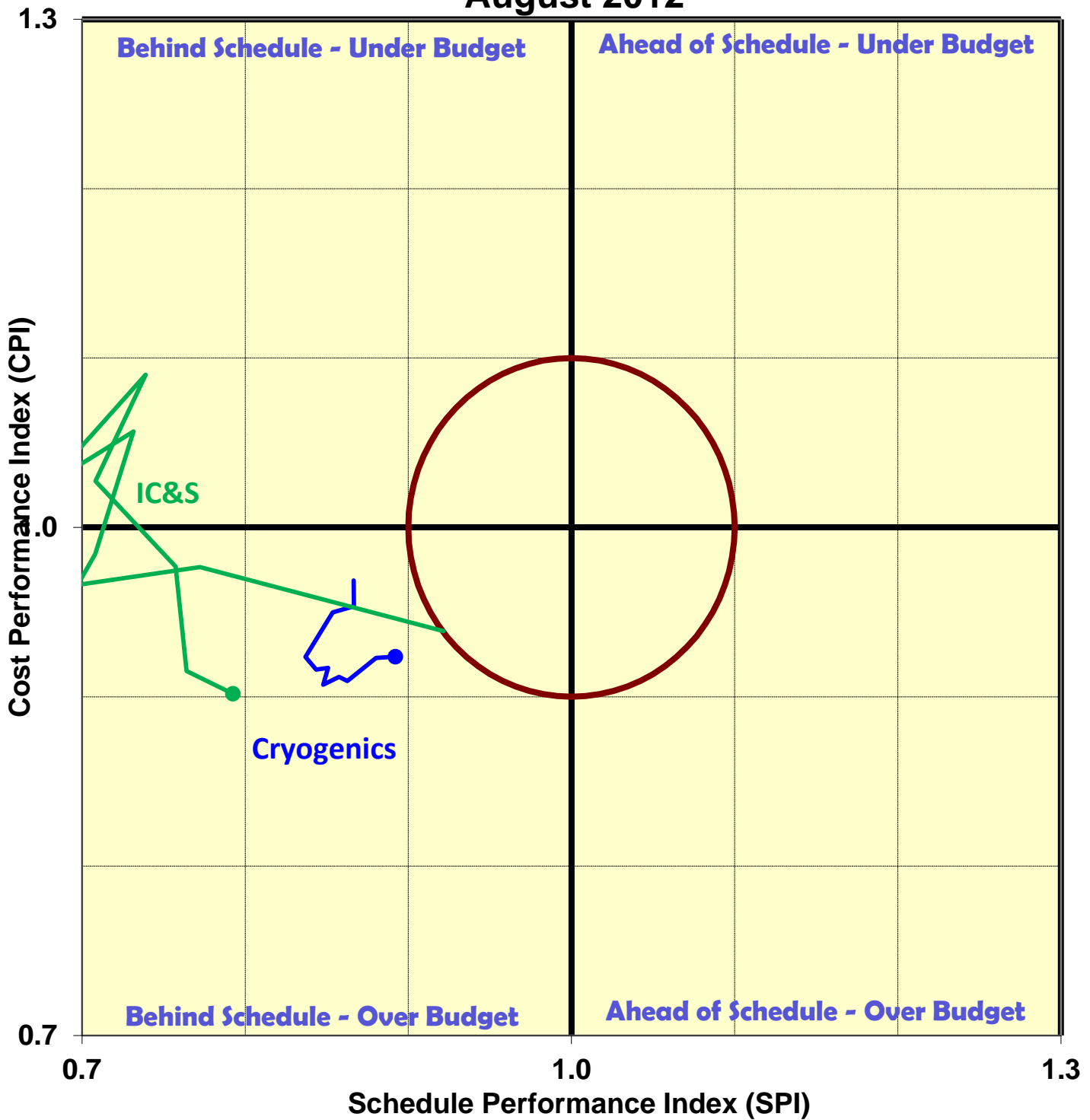


	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	13,274	855
BCWP	10,491	1,234
ACWP	10,953	1,630
Sv	(2,783)	380
Cv	(462)	(396)
SPI	0.790	1.444
CPI	0.958	0.757

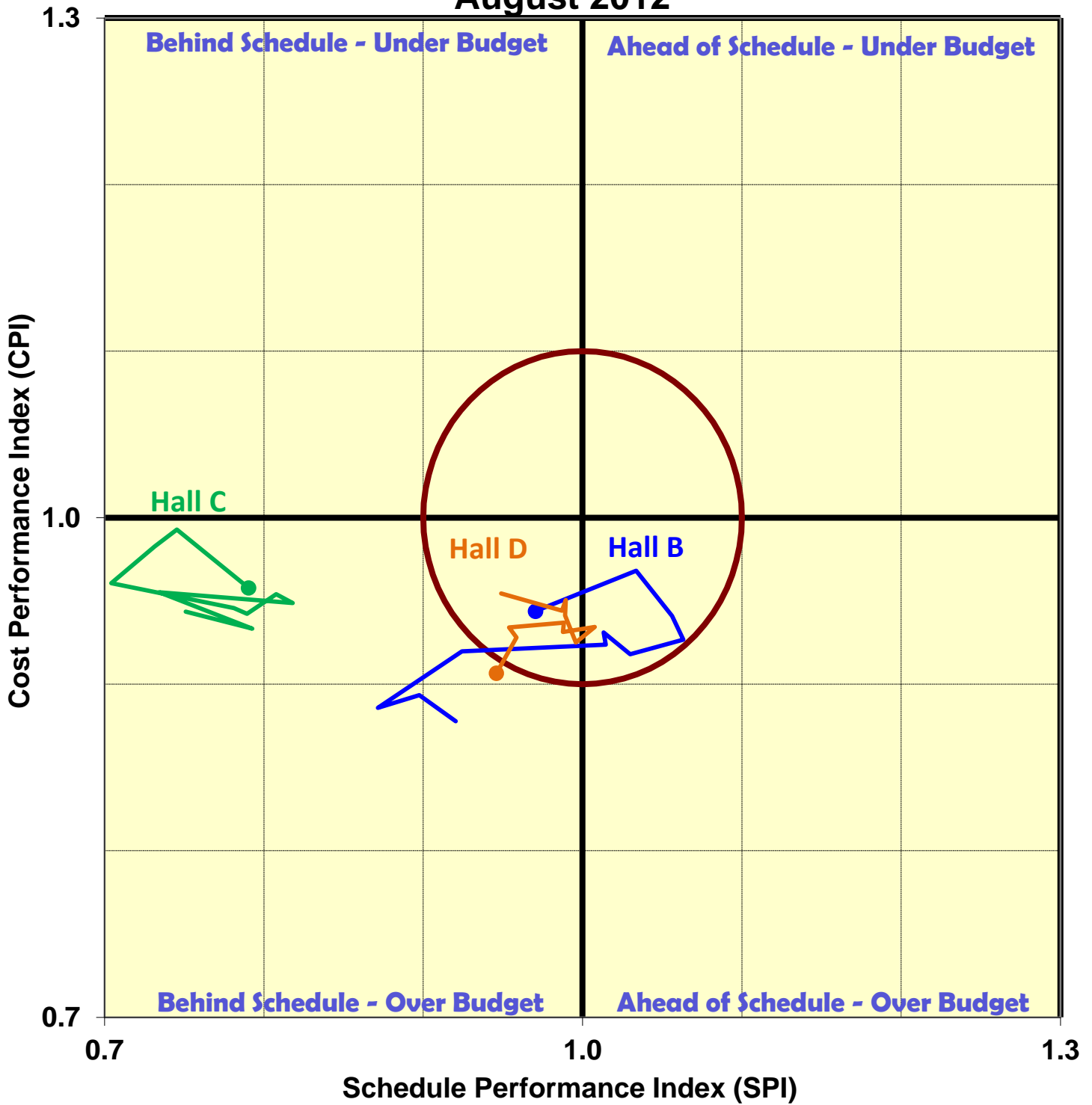
Percent Obligated  
**69.3%**

Percent Complete  
**40.2%**

# 12 GeV Upgrade - Problems - Accelerator Systems August 2012



# 12 GeV Upgrade - Problems - Physics August 2012



# 12 GeV Upgrade Project Total

