



RED FLAG REPORT
12 GeV Upgrade

Report Date: Month of Sep-13

Flag Definition

Yellow: Index <.9 / >1.1 or Variance > \$25K

Red: Index <.8 / >1.2 and Variance > \$50K

WBS Number and Title	Control Account Manager	Schedule Performance Flag	Cost Performance Flag	Cumulative			Schedule Variance SV	Schedule Performance Index SPI	Cost Variance CV	Cost Performance Index CPI
				Planned Value BCWS	Earned Value BCWP	Actual Cost ACWP				
12 GeV 1.3.2.1.1 RF Power	Merz			3	3	10	0	1.00	-7	0.28
12 GeV 1.3.2.2 Magnet Power	Merz			177	195	173	18	1.10	22	1.13
12 GeV 1.3.3.1 Cryo Accelerator	Arenius			5	5	25	0	1.00	-20	0.22
12 GeV 1.3.4.1 Spreaders & Recombiners	Bevins			127	140	169	12	1.10	-30	0.83
12 GeV 1.3.4.2 Existing Arcs (1-9, A, B, & C)	Bevins			52	27	62	-25	0.52	-35	0.44
12 GeV 1.3.4.4 Injector & Re-injection	Bevins			18	17	17	-2	0.90	-1	0.96
12 GeV 1.3.4.5 Arc 10 & Hall D Beamline	Bevins			61	33	58	-27	0.55	-24	0.58
12 GeV 1.3.4.6 Extraction Magnets	Bevins			40	41	38	1	1.03	4	1.10
12 GeV 1.3.6.1 Beam Diagnostics	Spata			68	108	112	39	1.57	-5	0.96
12 GeV 1.3.6.2 Control System Hardware	Spata			0	0	0	0	0.00	0	0.00
12 GeV 1.3.6.3 Control System Software	Spata			23	0	13	-22	0.01	-13	0.02
12 GeV 1.3.6.4 Safety Systems	Spata			87	46	54	-41	0.53	-8	0.85
12 GeV 1.3.6.5 Insertable Dump	Spata			0	9	3	9	40.38	6	3.09
12 GeV 1.3.6.6 Vacuum Controls	Spata			19	3	1	-16	0.18	2	3.68
12 GeV 1.3.6.7 Magnet Instrumentation	Spata			3	16	2	13	5.20	14	7.41
12 GeV 1.4.1 Construction Hall A	LeRose			11	0	7	-11	0.00	-7	0.00
12 GeV 1.4.2.2 Detectors	Elouadrhiri			138	247	294	109	1.79	-47	0.84
12 GeV 1.4.2.3 Computing	Elouadrhiri			0	0	1	0	0.00	-1	0.00
12 GeV 1.4.2.4 Electronics	Elouadrhiri			0	0	1	0	0.00	-1	0.00
12 GeV 1.4.2.5 Beamline	Elouadrhiri			0	0	0	0	0.00	0	0.00
12 GeV 1.4.2.6 Infrastructure	Elouadrhiri			94	136	104	42	1.45	32	1.31
13 GeV 1.4.2.7 Hall B Magnet New Vendor	Elouadrhiri			302	689	865	387	2.28	-176	0.80
12 GeV 1.4.3.1 Magnet	Fenker			58	155	189	96	2.65	-34	0.82
12 GeV 1.4.3.2 Detector	Fenker			6	24	30	18	4.11	-6	0.79
12 GeV 1.4.3.3 Computing	Fenker			0	0	0	0	0.00	0	0.00
12 GeV 1.4.3.4 Electronics	Fenker			4	0	3	-4	0.00	-3	0.00
13 GeV 1.4.3.5 Beamline	Fenker			13	21	0	8	1.62	21	-872.94
12 GeV 1.4.3.6 Infrastructure	Fenker			244	363	411	119	1.49	-49	0.88
12 GeV 1.5.1 Solenoid	Chudakov			15	8	9	-7	0.55	-1	0.89
12 GeV 1.5.2 Detectors	Chudakov			267	297	320	31	1.12	-23	0.93
12 GeV 1.5.3 Computing	Chudakov			71	107	115	35	1.49	-9	0.92
12 GeV 1.5.4 Electronics	Chudakov			119	98	120	-20	0.83	-21	0.82
12 GeV 1.5.5 Beamline	Chudakov			150	163	251	13	1.09	-89	0.65
12 GeV 1.5.6 Infrastructure	Chudakov			229	210	194	-19	0.92	16	1.08
12 GeV 1.6.1 Accelerator	Yasky			9	67	38	58	7.64	30	1.79
12 GeV 1.7 Construction Project Management	Rode			77	77	92	0	1.00	-15	0.84
12 GeV 1.8.1.1 Accelerator Pre-Ops Beam Commissioning	Harwood			0	0	0	0	0.00	0	0.00
12 GeV 1.8.1.2 Accelerator Pre-Ops Utilities	Harwood			0	0	47	0	0.00	-47	0.00
12 GeV 1.8.1.3.1 Cryomodule Pre-Ops Checkout	Hogan			41	17	52	-24	0.42	-35	0.33
12 GeV 1.8.1.3.2 Power Pre-Ops Checkout	Merz			35	20	39	-15	0.57	-19	0.52
12 GeV 1.8.1.3.3 Cryogenics Pre-Ops Checkout	Arenius			0	0	39	0	0.00	-39	0.00
12 GeV 1.8.2.1 Hall A Checkout & Beam Commissioning	LeRose			0	0	0	0	0.00	0	0.00
12 GeV 1.8.2.2 Hall B Checkout & Beam Commissioning	Elouadrhiri			0	0	0	0	0.00	0	0.00
12 GeV 1.8.2.3 Hall C Checkout & Beam Commissioning	Fenker			0	0	0	0	0.00	0	0.00
12 GeV 1.8.2.4 Hall D Checkout & Beam Commissioning	Chudakov			44	32	18	-13	0.71	14	1.76
12 GeV 1.8.3 Pre-Ops Support	Rode			77	77	89	0	1.00	-12	0.87
12 GeV 1.9.5.2 Hall D Detectors	Chudakov			4210	4230	4217	20	1.00	13	1.00
12 GeV 1.9.7 Infrastructure	Yasky			973	973	982	0	1.00	-9	0.99