

ID	Task Mode	Task Name	Duration	Start	Finish
1	Milestone	Milestones	24 days	14 Apr '15	18 May '15
2	Task	South Side Complete	0 days	14 Apr '15	14 Apr '15
3	Task	North Side Complete	0 days	04 May '15	04 May '15
4	Task	PRV Complete	0 days	18 May '15	18 May '15
5	Task	Shipping	46.5 days	16 Feb '15	17 Apr '15
6	Task	PRV South Legs arrive in the hall	0 days	16 Feb '15	16 Feb '15
7	Task	PRV South Plates arrive	0 days	16 Mar '15	16 Mar '15
8	Task	PRV North Legs arrive in the hall (Required)	0 days	14 Apr '15	14 Apr '15
9	Task	PRV North Plates arrive (Required)	0 days	17 Apr '15	17 Apr '15
10	Task	Survey and Alignment	27.5 days	05 Feb '15	12 Mar '15
11	Task	Rolling platforms and devices fixed on beamline	0.5 days	05 Feb '15	05 Feb '15
12	Task	Survey current magnet locations	2 days	05 Feb '15	09 Feb '15
13	Task	Intermittant Alignment work during North leg fitup	10 days	16 Feb '15	02 Mar '15
14	Task	Survey North Legs	2 days	19 Feb '15	23 Feb '15
15	Task	Survey South Legs	2 days	10 Mar '15	12 Mar '15
16	Task	Assembly North	45.5 days	16 Feb '15	16 Apr '15
17	Task	Weld Adjustment nuts to bottom of legs	0.5 days	16 Feb '15	16 Feb '15
18	Task	Crane frames and bolt to bridge plates	2 days	16 Feb '15	18 Feb '15
19	Task	Install outer bridge plates and tie bars	1 day	18 Feb '15	19 Feb '15
20	Task	Set height with adjustment screws - Laser tracking	2 days	19 Feb '15	23 Feb '15
21	Task	Lock off screws to maintain	0.5 days	23 Feb '15	23 Feb '15
22	Task	Measure and cut shims	2 days	24 Feb '15	25 Feb '15
23	Task	Install shims	0.5 days	26 Feb '15	26 Feb '15
24	Task	Check height setting with Laser tracker - adjust shims if required	2 days	26 Feb '15	02 Mar '15
25	Task	Remove legs, shims and bridge plates after marking	1 day	02 Mar '15	03 Mar '15
26	Task	Install inner bridge plates	0.5 days	13 Apr '15	13 Apr '15
27	Task	Install shims and legs	1 day	14 Apr '15	14 Apr '15
28	Task	Install outer bridge plates	0.5 days	15 Apr '15	15 Apr '15
29	Task	Final alignment check	1 day	15 Apr '15	16 Apr '15
30	Task	Device Operations	31 days	03 Mar '15	13 Apr '15
31	Task	Install moving platform rails	0.5 days	03 Mar '15	03 Mar '15
32	Task	Move devices off line	0.5 days	04 Mar '15	04 Mar '15
33	Task	Move devices back on line for activation run	0.5 days	07 Mar '15	07 Mar '15
34	Task	Move devices offline for remainder of leg installation and plates	0.5 days	09 Mar '15	09 Mar '15
35	Task	Move devices online and bolt together	4 days	02 Apr '15	08 Apr '15
36	Task	Final alignment of devices	3 days	08 Apr '15	13 Apr '15
37	Task	Attach vacuum equipment and leak check device interspace	2 days	08 Apr '15	10 Apr '15
38	Task	Assembly South	14 days	03 Mar '15	19 Mar '15
39	Task	Pin and dowel leg packs	1 day	03 Mar '15	04 Mar '15
40	Task	Disassemble leg packs	0.5 days	04 Mar '15	04 Mar '15
41	Task	Remove hinged platforms from South Mezzanine	1 day	03 Mar '15	04 Mar '15
42	Task	Lift and bolt to back bridge plate all legs	2 days	05 Mar '15	06 Mar '15
43	Task	Install front bridge plate	1 day	09 Mar '15	10 Mar '15
44	Task	Set height with adjustment screws - Laser tracking	2 days	10 Mar '15	12 Mar '15
45	Task	Lock off screws to maintain	0.5 days	12 Mar '15	12 Mar '15
46	Task	Measure and cut shims	2 days	13 Mar '15	16 Mar '15
47	Task	Install shims	0.5 days	17 Mar '15	17 Mar '15
48	Task	Check height setting with Laser tracker - adjust shims if required	2 days	17 Mar '15	19 Mar '15
49	Task	Data Operations	1.5 days	07 Mar '15	08 Mar '15
50	Task	Activation Run	1 day	08 Mar '15	08 Mar '15
51	Task	Setup experiment detectors	1 day	07 Mar '15	08 Mar '15
52	Task	Assembly South Plate	18 days	19 Mar '15	14 Apr '15
53	Task	Install the lower support arms	1 day	19 Mar '15	20 Mar '15
54	Task	Assemble lower sections of the PRV	3 days	20 Mar '15	25 Mar '15
55	Task	Install Diagonal supports for upper sections	1 day	25 Mar '15	26 Mar '15
56	Task	Install upper South sections	3 days	26 Mar '15	31 Mar '15
57	Task	Install upper and lower plate connectors, end plate brackets and cross bar	2 days	31 Mar '15	02 Apr '15
58	Task	Install Focus coil PRV section	2 days	10 Apr '15	14 Apr '15
59	Task	Assembly North Plates	12 days	16 Apr '15	04 May '15
60	Task	Install the lower support arms	1 day	16 Apr '15	17 Apr '15
61	Task	Assemble lower sections of the PRV	3 days	17 Apr '15	22 Apr '15
62	Task	Install Diagonal supports for upper sections	1 day	22 Apr '15	23 Apr '15
63	Task	Install upper North sections	3 days	23 Apr '15	28 Apr '15
64	Task	Install upper and lower plate connectors, end plate brackets and cross bar	2 days	28 Apr '15	30 Apr '15
65	Task	Install Focus coil PRV section	2 days	30 Apr '15	04 May '15
66	Task	Assembly end plates and cross bars	10 days	04 May '15	18 May '15
67	Task	Install lower end sections East	2 days	04 May '15	06 May '15
68	Task	Install lower end sections West	2 days	06 May '15	08 May '15
69	Task	Install Upper end sections East	2 days	08 May '15	12 May '15
70	Task	Install Upper end sections West	2 days	12 May '15	14 May '15
71	Task	Install cross bars	2 days	14 May '15	18 May '15
72	Task	Spectrometer Solenoid Work	34.5 days	26 Jan '15	11 Mar '15
73	Task	Install Cooler heads to device	3 days	03 Mar '15	06 Mar '15
74	Task	Swap power feedthroughs - x2	2 days	06 Mar '15	08 Mar '15
75	Task	Make changes to cryogens exhaust line	2 days	26 Jan '15	27 Jan '15
76	Task	Install vacuum equipment and evacuate	4 days	07 Mar '15	11 Mar '15
77	Task	Leak check	0.5 days	09 Mar '15	09 Mar '15
78	Task	Cold Head services Tray	5 days	02 Apr '15	09 Apr '15
79	Task	Install trays above cooling channel	5 days	02 Apr '15	09 Apr '15

