

	Activity Name	Duration (Days)	Start Date	Finish Date	% Complete	Predecessors	Aug 14				Sept 14				Oct 14							
							3	10	17	24	31	7	14	21	28	5	12	19				
1	Tagger	55.00	8/6/14	10/21/14	3%																	
2	Tagger door shielding installed	33.00	9/4/14	10/20/14	0%																	
3	Receive first 20 blocks	1.00	9/4/14	9/4/14	0%																	
4	Install blocks to finish beam dump	2.00	9/5/14	9/8/14	0%	3																
5	Install blocks to shield racks under Tagger	1.00	9/9/14	9/9/14	0%	4																
6	Start installation of outer wall with remaining blocks	1.00	9/10/14	9/10/14	0%	5																
7	Install radiation detectors in Electronic racks to test for radiation levels	2.00	9/11/14	9/12/14	0%	6																
8	Receive 2nd 20 blocks	1.00	9/16/14	9/16/14	0%	3FS+7.00																
9	Continue installation of outer wall	2.00	9/17/14	9/18/14	0%	8																
10	Receive 3rd set of blocks	1.00	9/26/14	9/26/14	0%	8FS+7.00																
11	Finish outer wall and start installation of inter wall	2.00	9/29/14	9/30/14	0%	10																
12	Receive 4th set of blocks	1.00	10/8/14	10/8/14	0%	10FS+7.00																
13	Finish installation of inter wall	2.00	10/9/14	10/10/14	0%	12																
14	Receive last set of blocks	1.00	10/20/14	10/20/14	0%	12FS+7.00																
15	Complete installation	1.00	10/21/14	10/21/14	0%	14																
16	Install cable tray for fiber optic run	1.00	8/6/14	8/6/14	100%																	
17	Microscope	34.00	8/18/14	10/2/14	0%																	
18	Assemble Microscope support stand	2.00	8/18/14	8/19/14	0%																	
19	Receive microscope	1.00	9/4/14	9/4/14	0%																	
20	Assemble Microscope in ESB and test	10.00	9/5/14	9/18/14	0%	19																
21	Fiducialize detector	3.00	9/19/14	9/23/14	0%	20																
22	Microscope installed and then removed	7.00	9/24/14	10/2/14	0%	21																
23	Tagger Beam line under vacuum - all pumps and valves working and tied into system	26.00	8/6/14	9/10/14	10%																	
24	Receive 4 5/8 X 4 1/2 spool piece	1.00	9/2/14	9/2/14	0%																	
25	Bleed-up Tagger vacuum and photon beam line	0.25	9/3/14	9/3/14	0%	24																
26	Install electron beam line	1.00	9/10/14	9/10/14	0%	5, 25																
27	Install pump extension and turbo pump on Tagger vacuum chamber	1.00	9/3/14	9/4/14	0%	25																
28	Pump down and leak check	2.00	9/4/14	9/8/14	0%	27																
29	Goni bell jar on	1.00	8/6/14	8/6/14	100%																	
30	Install radiator foils	1.00	8/29/14	8/29/14	0%																	
31	Amorphous radiator operational	1.00	9/1/14	9/1/14	0%	30																
32	Pump down Goni and radiator section	2.00	9/2/14	9/3/14	0%	29, 31																
33	Beam line/components 2B aligned	3.00	9/4/14	9/8/14	0%	32																
34	Electronic crates removed (Fernando)	2.00	9/8/14	9/9/14	0%																	
35	Hall	42.25	8/6/14	10/3/14	36%																	

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36	Solenoid magnet ready to go	14.00	8/6/14	8/25/14	100%																	
37	Install and test addition beacons for Solenoid	1.00	8/26/14	8/26/14	0%	36																
38	Set second Collimator to maximum opening	7.50	8/11/14	8/20/14	63%																	
39	Remove beam line US of Collimator	0.20	8/11/14	8/11/14	100%																	
40	Remove upstream flange on Collimator	0.10	8/11/14	8/11/14	100%	39																
41	Remove All tubes in Collimator	0.10	8/11/14	8/11/14	100%	40																
42	Reinstall upstream flange	0.20	8/11/14	8/11/14	100%	41																
43	Reinstall Beam Line	0.25	8/11/14	8/11/14	100%	42																
44	Leak check beam line	0.50	8/20/14	8/20/14	0%	43, 54																
45	Install Kill Switches	17.00	8/6/14	8/28/14	50%																	
46	Install and wire Power Supplies "Kill Switch" box	1.00	8/6/14	8/6/14	100%																	
47	Wire Power supplies to Kill Switch box	1.00	8/28/14	8/28/14	0%	36, 46, 64																
48	Pair Converter installed	18.50	8/11/14	9/4/14	60%																	
49	Fiducialize Pair Converter	3.00	8/11/14	8/13/14	100%																	
50	Install device onto stand	1.00	8/14/14	8/14/14	100%	49																
51	Install Microswitch and brackets	1.00	9/2/14	9/2/14	0%																	
52	Install thin foils onto harp stick	1.00	9/3/14	9/3/14	0%	51																
53	Install/connect to beam line	14.50	8/15/14	9/4/14	50%	52																
54	Fab spool piece from BL valve to PS magnet	3.00	8/15/14	8/19/14	100%	50																
55	Install Beam Line valve	1.00	8/20/14	8/20/14	100%	54																
56	Install spool piece	1.00	8/28/14	8/28/14	0%	55, 64																
57	Sweep magnet powered and tested	18.00	8/6/14	8/29/14	45%																	
58	Determine current conductor routing and	1.00	8/6/14	8/6/14	100%																	
59	Determine conductor size: locate/order conductor	7.00	8/7/14	8/15/14	100%	58																
60	Install current conductors (add "finger-safe sheath in CC)	1.00	8/20/14	8/20/14	75%	59																
61	Fab and install finger guards over conductors	3.00	8/19/14	8/21/14	100%	60																
62	Perform prepower checks on supply	3.00	8/22/14	8/26/14	0%	61																
63	Power the supply and test magnet	3.00	8/27/14	8/29/14	0%	62																
64	Perform PS magnet tests Current versus temp	8.00	8/18/14	8/27/14	0%																	
65	PS vacuum system installed	3.00	8/6/14	8/8/14	100%																	
66	Build manifold for Turbo pump cart	3.00	8/6/14	8/8/14	100%																	
67	Install Slow valve and gauge tree on beam line	1.00	9/4/14	9/5/14	0%																	
68	Install vacuum line from pump cart to beam line	1.00	9/5/14	9/8/14	0%	67																
69	Cryo Target	5.00	8/11/14	8/15/14	100%																	
70	Cool down and test Target and controls	5.00	8/11/14	8/15/14	100%																	
71	Warm Target and prepare for removal	1.00	8/18/14	8/18/14	100%	70																
72	Crane Target off of Platform and store in Hall	1.00	8/19/14	8/19/14	100%	71																

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							3	10	17	24	31	7	14	21	28	5	12	19				
110	TAC operational	9.00	8/6/14	8/18/14	25%																	
111	Motor received and installed	1.00	8/14/14	8/14/14	100%																	
112	SHV, Signal, and actuator table cables install	1.00	8/6/14	8/6/14	0%																	
113	System tested	1.00	8/15/14	8/15/14	0%	111, 112																
114	Tac Surveyed	1.00	8/18/14	8/18/14	0%	113																
115	FCAL and TOF	25.25	8/29/14	10/3/14	0%																	
116	FCAL platform moved/checked -	1.00	8/29/14	8/29/14	0%																	
117	FCAL stop installed	1.00	9/1/14	9/1/14	0%	116																
118	FCAL Beam line under vacuum	1.00	9/26/14	9/26/14	0%																	
119	Beam line under vacuum - all pumps and valves working and tied into system	2.00	9/24/14	9/26/14	0%	90																
120	All components aligned in final position	5.00	9/26/14	10/3/14	0%	119																
121	Other	15.00	8/6/14	8/26/14	0%																	
122	FCAL Vesda installed	15.00	8/6/14	8/26/14	0%																	
123	Gas Shed ODH monitor installed	10.00	8/6/14	8/19/14	0%																	
124	Phones in Hall	10.00	8/6/14	8/19/14	0%																	
125	Install cable and equipment to turn on Magnetic field signs	3.00	8/6/14	8/8/14	0%																	
126	Install Polarimeter Stand	2.50	8/6/14	8/8/14	0%																	
127	Drill and set rod	0.25	8/6/14	8/6/14	0%																	
128	install stand and set height	0.25	8/6/14	8/6/14	0%	127																
129	Survey stand	1.00	8/6/14	8/7/14	0%	128																
130	grout in stand	1.00	8/7/14	8/8/14	0%	129																
							3	10	17	24	31	7	14	21	28	5	12	19				