

ID	Task Mode	Task Name	Duration	Start	Finish	29, '15	Apr 12, '15	Apr 26, '15	May 10, '15	May 24, '15	Jun 7, '15	Jun 21, '15	Jul 5, '15	Jul 19, '15	Aug 2, '15
1	✓	TM4 Target ready for Beam at ITE	4 days	Tue 4/7/15	Fri 4/10/15										
2	✓	Grounding Test-TTW, ITE	1 day	Tue 4/7/15	Tue 4/7/15										
3	✓	Foot Anchors Grout-TTW, ITE Handrails	2.5 days	Wed 4/8/15	Fri 4/10/15										
4	✓	Shielding Blocks Move-TTW to ITE	0.5 days	Fri 4/10/15	Fri 4/10/15										
5	✓	TM1-TM2-TM4 Target Hall Activities	72 days	Mon 4/13/15	Tue 7/21/15										
6	✓	TM1 UCC Ready for Beam at ITW	8 days	Fri 4/17/15	Tue 4/28/15										
7	✓	New UCC Target in SHC/Cameras set up	0.2 days	Fri 4/17/15	Fri 4/17/15										
8	✓	Module Move-TM1-Silo to SHC	0.2 days	Fri 4/17/15	Fri 4/17/15										
9	✓	UCC target install/Leak, Electrical Check at SHC	0.2 days	Fri 4/17/15	Fri 4/17/15										
10	✓	Module Move-TM1-SHC to CS	0.2 days	Fri 4/17/15	Fri 4/17/15										
11	✓	TM1 Vacuum Connect at CS/CS Pump Down	0.2 days	Fri 4/17/15	Fri 4/17/15										
12	✓	Helium Pressure Test-TM1 HS line at CS	0.5 days	Mon 4/20/15	Mon 4/20/15										
13	✓	TM1 Connect at CS/HV Cover Installed	0.5 days	Mon 4/20/15	Mon 4/20/15										
14	✓	Module Conditioning-TM1 at CS	4.5 days	Tue 4/21/15	Mon 4/27/15										
15	✓	Finish of Conditioning/Module Disconnect-TM1 at CS	0.5 days	Mon 4/27/15	Mon 4/27/15										
16	✓	Argon Vent CS/ITW cameras Set up/Shield Plug Move from ITW	0.25 days	Tue 4/28/15	Tue 4/28/15										
17	✓	Module Move-TM1-CS to ITW	0.25 days	Tue 4/28/15	Tue 4/28/15										
18	✓	Module Connect-TM1 at ITW/Start of Turbopumps	0.5 days	Tue 4/28/15	Tue 4/28/15										
19	✓	TM2 Refurbishment Completion	61 days	Mon 4/13/15	Mon 7/6/15										
20	✓	TM2 Top Service Cap Reconfiguration	3 days	Mon 4/13/15	Wed 4/15/15										
21	✓	Module Move-TM2-Silo to ITW	1 day	Thu 4/30/15	Thu 4/30/15										
22	✓	TM2 Wiring- SHC & TM2 Service Cap	2 days	Mon 5/4/15	Tue 5/5/15										
23	✓	Module Move-TM2-SHC to CS	1 day	Wed 5/27/15	Wed 5/27/15										
24	✓	TM2 wiring-TM2 at CS	1 day	Thu 5/28/15	Thu 5/28/15										
25	✓	Module move-TM2-CS to Silo	1 day	Fri 5/29/15	Fri 5/29/15										
26	✓	Source Tray install on Transfer Table/Transfer Source Tray into SHC 1 day	1 day	Thu 6/11/15	Thu 6/11/15										
27	✓	Remove Transfer table-SHC to TH/Clean up	0.5 days	Fri 6/12/15	Fri 6/12/15										
28	✓	Dummy Target Insert to SHC	0.5 days	Fri 6/12/15	Fri 6/12/15										
29	✓	Module Move-TM2-Silo to SHC	1 day	Mon 6/15/15	Mon 6/15/15										
30	✓	Leak, Electrical Check-TM2 at SHC	1 day	Mon 6/22/15	Mon 6/22/15										
31	✓	Helium Pressure Test-TM2-SHC to CS/Start of CS Pumps	1 day	Tue 6/23/15	Tue 6/23/15										
32	✓	TM2 Test at CS	7 days	Thu 6/25/15	Fri 7/3/15										
33	✓	TM2 Fully Operational/Complete TM2 Refurbishment	21 days	Fri 5/22/15	Fri 6/19/15										
34	✓	Shielding Blocks Move-ITE to ITW	1 day	Mon 6/1/15	Mon 6/1/15										
35	✓	New HP SIC Target in SHC	0.5 days	Tue 6/2/15	Tue 6/2/15										
36	✓	Cameras set up/Module Move-TM4-ITE to SHC	0.5 days	Tue 6/2/15	Tue 6/2/15										
37	✓	New SIC Target Install/Electrical Vacuum Check	0.5 days	Tue 6/2/15	Tue 6/2/15										
38	✓	Module Move-TM4-SHC to Storage Vault	0.5 days	Wed 6/3/15	Wed 6/3/15										
39	✓	Helium Pressure Test/Connect TM4 At CS/HV Cover on	2.5 days	Thu 6/4/15	Mon 6/8/15										
40	✓	Module Conditioning-TM4 at CS	0.5 days	Tue 6/9/15	Tue 6/9/15										
41	✓	Finish of Conditioning/Module Disconnect-TM4 at CS	0.5 days	Wed 6/10/15	Wed 6/10/15										
42	✓	Module Connect-TM4 at ITW/Start of ITE Turbopumps	0.5 days	Wed 6/10/15	Wed 6/10/15										
43	✓	Shielding Blocks Move-TTW to ITE/ITE Ready for Proton Beam	1 day	Fri 6/19/15	Fri 6/19/15										
44	✓	TM1 Phase out/TM2 ZFC Ready for Beam at ITW	16 days	Tue 6/30/15	Tue 7/21/15										
45	✓	Cameras set up/Module Move-TM1-TTW to SHC	0.5 days	Tue 6/30/15	Tue 6/30/15										
46	✓	Lp UCC Target Remove/ Electrical Check at SHC	0.5 days	Tue 6/30/15	Tue 6/30/15										
47	✓	Module Move-TM1-SHC to Silo	1 day	Thu 7/2/15	Thu 7/2/15										
48	✓	Spent Target Move -Lp UCC-SHC to Storage Vault	0.25 days	Mon 7/6/15	Mon 7/6/15										
49	✓	New LPZFC Target in SHC	0.75 days	Mon 7/6/15	Mon 7/6/15										
50	✓	Module Move-TM2-CS to SHC	0.5 days	Tue 7/7/15	Tue 7/7/15										
51	✓	New ZFC Target Installation/ Electrical Vacuum Check	0.5 days	Tue 7/7/15	Tue 7/7/15										
52	✓	Helium Pressure Test/Connect TM2 At CS/HV Cover on	1 day	Wed 7/8/15	Wed 7/8/15										
53	✓	Module Conditioning-TM2 at CS	2.5 days	Thu 7/9/15	Mon 7/13/15										
54	✓	Finish of Conditioning/Module Disconnect-TM2 at CS	0.25 days	Tue 7/14/15	Tue 7/14/15										
55	✓	Module Move-TM2-CS to ITW	0.5 days	Tue 7/14/15	Tue 7/14/15										
56	✓	Module Connect-TM2 at ITW/Start of Turbo Pumps	0.5 days	Tue 7/14/15	Tue 7/14/15										
57	✓	Shielding Blocks Move- ITE to ITW	1 day	Tue 7/21/15	Tue 7/21/15										
58	✓	Spent Target Assay	4 days	Wed 7/15/15	Mon 7/20/15										
59	✓	Spent Target Assay-Set up-Assay-Clean up	4 days	Wed 7/15/15	Mon 7/20/15										

Project: Target Hall Scheduled Act Date: Wed 6/3/15

Task Split Milestone Summary External Tasks Inactive Milestone Inactive Task Manual Task Manual Summary Rollup Start-only Finish-only Deadline Progress