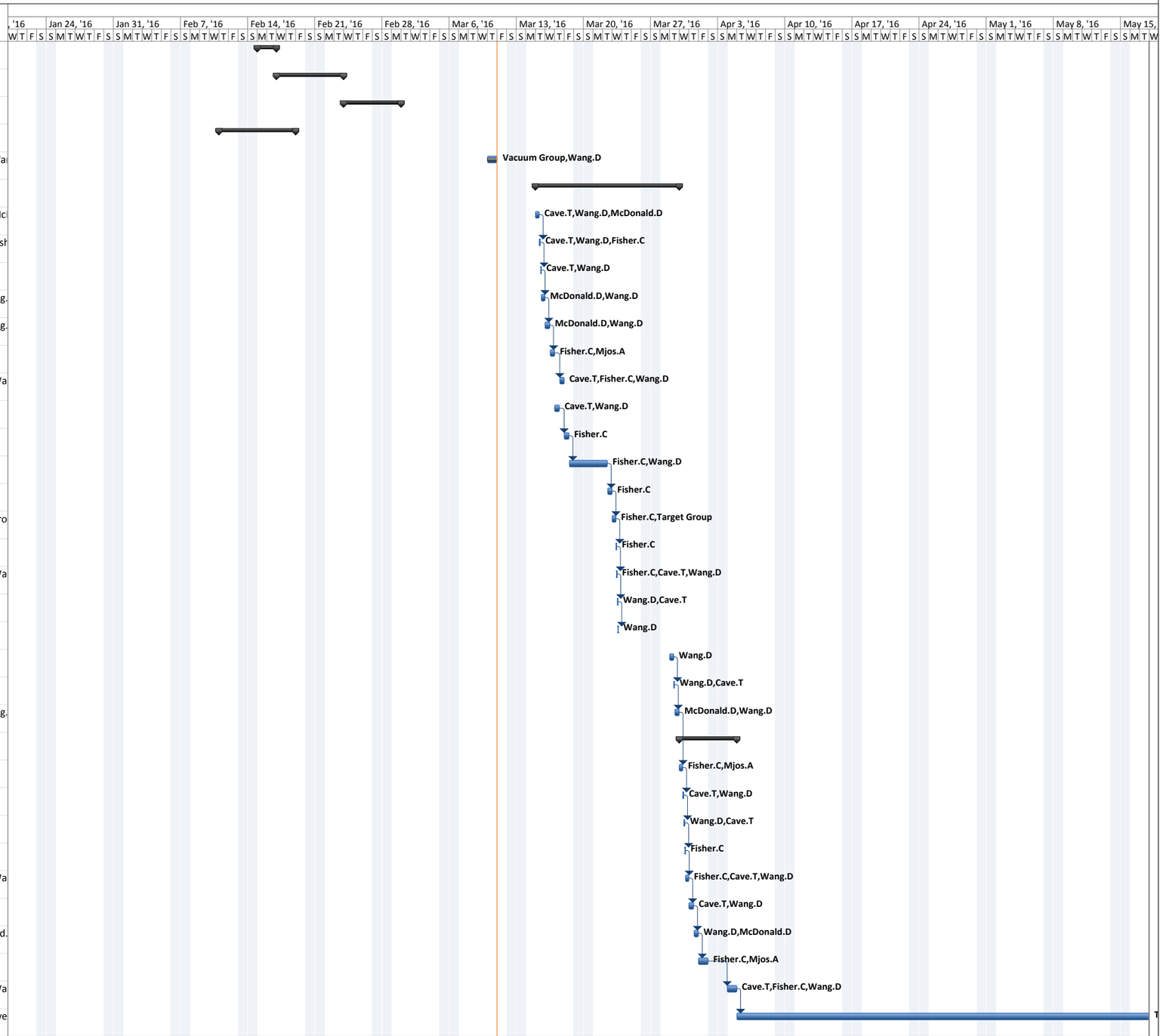
2016 WINTER SHUT DOWN TARGET HALL SCHEDULE

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1		**TM3 Service Chase and Containment box Field Check**	**2 days**	**Mon 2/15/16**	**Tue 2/16/16**		
3		**TARGET HALL WATER SYSTEM UPGRADE**	**5 days**	**Wed 2/17/16**	**Tue 2/23/16**		
6		**Shut Down Leak Check - Target Stations and Modules**	**4 days**	**Wed 2/24/16**	**Mon 2/29/16**		
12		**ISAC Spent targets Shipment**	**6 days**	**Thu 2/11/16**	**Thu 2/18/16**		
17		ITH MP1 Replacement	1 day	Thu 3/10/16	Thu 3/10/16		Vacuum Group,Wa
18		**TM2 with New Lp Ucx target to ITW**	**11 days**	**Tue 3/15/16**	**Tue 3/29/16**		
19		Module Move -TM2- ITW to SHC	0.2 days	Tue 3/15/16	Tue 3/15/16		Cave.T,Wang.D,Mc
20		Electrical Check Before and After / Target Removal	0.3 days	Tue 3/15/16	Tue 3/15/16	19	Cave.T,Wang.D,Fish
21		Module Move-TM2- SHC to TCS	0.2 days	Tue 3/15/16	Tue 3/15/16	20	Cave.T,Wang.D
22		Module Connection-TM2-TCS/ Start of Pumps	0.3 days	Tue 3/15/16	Tue 3/15/16	21	McDonald.D,Wang.
23		TM2 water Lines Helium Pressur Leak Check	0.5 days	Wed 3/16/16	Wed 3/16/16	22	McDonald.D,Wang.
24		Target inspection	0.5 days	Wed 3/16/16	Wed 3/16/16	23	Fisher.C,Mjos.A
25		Spent Target Move	0.5 days	Thu 3/17/16	Thu 3/17/16	24	Cave.T,Fisher.C,Wa
26		Module Move-TM2- TCS to SHC	0.5 days	Thu 3/17/16	Thu 3/17/16		Cave.T,Wang.D
27		Containment Box Moved out	0.5 days	Fri 3/18/16	Fri 3/18/16	26	Fisher.C
28		Leak Check - TM2 -SHC	2 days	Fri 3/18/16	Tue 3/22/16	27	Fisher.C,Wang.D
29		Containment Box Re-installed	0.5 days	Tue 3/22/16	Tue 3/22/16	28	Fisher.C
30		NewLp Ucx inert into SHC	0.2 days	Wed 3/23/16	Wed 3/23/16	29	Fisher.C,Target Gro
31		New Lp UCx Installation	0.2 days	Wed 3/23/16	Wed 3/23/16	30	Fisher.C
32		TM2 with New Target Leak and Electrical Check- SHC	0.1 days	Wed 3/23/16	Wed 3/23/16	31	Fisher.C,Cave.T,Wa
33		Module Move -TM2-SHC to TCS	0.2 days	Wed 3/23/16	Wed 3/23/16	32	Wang.D,Cave.T
34		Module Connection- TM2 -TCS/Start of Pumps	0.1 days	Wed 3/23/16	Wed 3/23/16	33	Wang.D
35		Module Disconnection-TM2-TCS	0.25 days	Tue 3/29/16	Tue 3/29/16		Wang.D
36		Module Move-TM2- TCS to ITE	0.25 days	Tue 3/29/16	Tue 3/29/16	35	Wang.D,Cave.T
37		Module Connection-TM2-ITW/ Start of Pumps	0.5 days	Tue 3/29/16	Tue 3/29/16	36	McDonald.D,Wang.
38		**TM4 with New Lp Ta Target to ITE**	**4 days**	**Wed 3/30/16**	**Mon 4/4/16**		
39		New Lp Ta Target Insert into SHC	0.1 days	Wed 3/30/16	Wed 3/30/16	37	Fisher.C,Mjos.A
40		Module Move -TM4-ITE to SHC	0.3 days	Wed 3/30/16	Wed 3/30/16	39	Cave.T,Wang.D
41		Target Removal and Electrical Check	0.2 days	Wed 3/30/16	Wed 3/30/16	40	Wang.D,Cave.T
42		New Target Installation	0.2 days	Wed 3/30/16	Wed 3/30/16	41	Fisher.C
43		Leak Check and Electrical Check	0.2 days	Wed 3/30/16	Wed 3/30/16	42	Fisher.C,Cave.T,Wa
44		Module Move -TM4-SHC to ITE	0.5 days	Thu 3/31/16	Thu 3/31/16	43	Cave.T,Wang.D
45		Module Connection- TM4 -ITW/ Start of Pumps	0.5 days	Thu 3/31/16	Thu 3/31/16	44	Wang.D,McDonald.
46		Target Inspection	1 day	Fri 4/1/16	Fri 4/1/16	45	Fisher.C,Mjos.A
47		Spent Target Move	1 day	Mon 4/4/16	Mon 4/4/16	46	Cave.T,Fisher.C,Wa
48		TM3 Refurbishment	31 days	Tue 4/5/16	Tue 5/17/16	47	Target Group ,Cave



Project: 2016 winter shut down t
Date: Fri 3/11/16

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