

ID	Name	Manager	Resource Names	Duration	Start	Finish	Predecessors	2015												2016											
								Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
0	<b>Magnet Test</b>	<b>Yip</b>		<b>432 d</b>	<b>3/11/15</b>	<b>11/3/16</b>																									
1	<b>Low Field Test</b>	<b>Yip</b>		<b>140 d</b>	<b>3/11/15</b>	<b>9/22/15</b>																									
2	Catalog and Scan Magnet Documentation	Giannotti	sPHENIX	10 d	3/11/15	3/24/15																									
3	Shipment of Equipment from SLAC	Kovach	Paul Kovach[0.01]	10 d	3/17/15	3/30/15																									
4	Off-Load Equipment	Phillips	Dave Phillips[0.1]	1 d	3/31/15	3/31/15	3																								
5	Inspect Shipped Cryo Equipment	Than	CA-Cryo	5 d	4/1/15	4/7/15	4																								
6	Inspect Power Supply, Dump Resistor, and Controls	Lambiase	Bob Lambiase[0],Magnet Division	10 d	4/7/15	4/21/15	5																								
7	Inspect Valve Box and Mechanical Equipment	Anerella	Magnet Division,CA-Cryo[0]	5 d	3/31/15	4/7/15	4																								
8	Design Valve Box Support	Phillips	Dave Phillips[0.1]	10 d	4/1/15	4/14/15	4																								
9	Develop Plan for Safety Reviews	Yip	Kin Yip,Dave Phillips[0]	20 d	4/7/15	5/5/15	7																								
10	<b>Preliminary Lab Safety &amp; ESRC Review</b>	Yip		0 d	5/5/15	5/5/15	9																								
11	Develop Plan with Cost & Schedule of Low Field Test	Phillips	Dave Phillips[0.1],Kin Yip[0.1]	30 d	4/8/15	5/19/15	9SS																								
12	Prepare for Lab Safety & ESRC Review	Yip		40 d	5/6/15	6/30/15	10																								
13	Develop Critical Lift Plan and Review	Phillips	Dave Phillips[0.1]	10 d	3/11/15	3/24/15																									
14	Magnet Inspection & Non-powered Acceptance Tests	Anerella	Magnet Division	20 d	3/25/15	4/21/15	2																								
15	Rotate Magnet	Phillips	Dave Phillips[0.5]	1 d	4/22/15	4/22/15	14,13																								
16	Plan for Valve Box Hook-up	Kovach	Magnet Division	15 d	4/8/15	4/28/15	2,7																								
17	Install Scaffolding (Access for Valve Box)	Phillips	Dave Phillips[0.25]	2 d	4/29/15	4/30/15	16																								
18	Connect Existing Valve Box (Without Extension)	Anerella	Magnet Division	25 d	5/1/15	6/4/15	15,17																								
19	Cryo Hook-up Design and Design Review	Than	CA-Cryo	25 d	3/25/15	4/28/15	2																								
20	<b>Cryo Design Approval</b>	Yip		0 d	4/28/15	4/28/15	19																								
21	Cryo Hook-up	Than	CA-Cryo	25 d	5/15/15	6/18/15	18FF+10 d,20																								
22	Power Supply Plan & Set-up	Rosas	Pablo Rosas[0.1]	50 d	3/25/15	6/2/15	2																								
23	Instrumentation Plan & Set-up	Rosas?	Pablo Rosas[0.1]	50 d	3/25/15	6/2/15	2																								
24	<b>Lab Safety &amp; ESRC Review</b>	Yip		0 d	7/7/15	7/7/15	12FS+5 d,20																								
25	Low Field Magnetic Safety Review Walkthru	Phillips	Kin Yip[0.1],Dave Phillips[0.1]	5 d	7/8/15	7/14/15	24																								
26	<b>Authorize Low Field Test</b>	Yip	Dave Phillips,Kin Yip,sPHENIX	0 d	7/14/15	7/14/15	25																								
27	Cool Down Magnet	Than	CA-Cryo	15 d	7/15/15	8/4/15	26																								
28	Run 100A Tests	Yip	CA-Cryo,Bob Lambiase[0],Magnet	5 d	8/4/15	8/11/15	27																								
29	<b>Complete Low Field Test</b>	Yip		0 d	8/11/15	8/11/15	28																								
30	Warm Up Magnet	Than	CA-Cryo	15 d	8/12/15	9/1/15	29																								
31	Disassemble Set-up	Phillips	Dave Phillips[0.2]	15 d	9/2/15	9/22/15	30																								
32	Review Data and Write Test Results Report	Anerella	Magnet Division	10 d	8/12/15	8/25/15	28																								
33	<b>Full Field Test</b>	<b>Yip</b>		<b>432 d</b>	<b>3/11/15</b>	<b>11/3/16</b>																									
34	<b>Preliminary Design &amp; Test</b>	<b>Phillips</b>		<b>105 d</b>	<b>3/11/15</b>	<b>8/4/15</b>																									
35	Preliminary Return Layout with Pole Tips	Phillips	Dave Phillips[0.2],Jon Hock[0.5]	15 d	3/11/15	3/31/15																									
36	Field & Force Simulations with Pole Tips	Meng	Wuzheng Meng[0.5]	10 d	4/1/15	4/14/15	35																								
37	Analysis of Forces on Magnet Coil	Anerella	Magnet Division	40 d	4/15/15	6/9/15	36																								
38	Return Steel Carbon Content Analysis	Phillips	Dave Phillips[0.05]	30 d	4/1/15	5/12/15	35																								
39	Return Layout Support Analysis	Hock	Jon Hock[0.25]	20 d	4/15/15	5/12/15	36																								
40	<b>Complete Preliminary Investigation</b>			0 d	6/9/15	6/9/15	35,36,37,38,39																								
41	<b>Preliminary Cost Estimates</b>	<b>Yip</b>		<b>30 d</b>	<b>5/27/15</b>	<b>7/7/15</b>																									
42	Return, Alignment Tooling & Magnet Support Estimate	Phillips	Dave Phillips	2 d	6/10/15	6/11/15	40																								
43	Cryo Hook-up & Operations Estimate	Than	CA-Cryo	10 d	5/27/15	6/9/15	40FS-10 d																								
44	Valve Box Installation Estimate	Kovach	Magnet Division	10 d	5/27/15	6/9/15	40FS-10 d																								
45	Power Supply, Dump System & Controls Estimate	Lambiase	Bob Lambiase[0],Dave Phillips[0.1]	10 d	5/27/15	6/9/15	40FS-10 d																								
46	Quench Detection Estimate	Joshi	Magnet Division[0.1]	10 d	6/10/15	6/23/15	45																								
47	Instrumentation Estimate	Lambiase	Magnet Division	10 d	6/24/15	7/7/15	46																								
48	Field Measurements Estimate	Franz	sPHENIX	10 d	6/3/15	6/16/15	40FS-5 d																								
49	Disassembly and Clean-up Estimate	Phillips	Dave Phillips[0.1]	10 d	6/12/15	6/25/15	42																								
50	Final Field and Force Simulations	Meng	Wuzheng Meng[0.5]	10 d	6/10/15	6/23/15	40																								
51	Analysis of Final Forces on Magnet	Anerella	Magnet Division	10 d	6/24/15	7/7/15	50																								

