

BNL BEPC-II Superconducting Magnet Schedule

Note: Years are Calendar Years

ID	Task Name	Duration	Start	Finish	Predecessors	2004				2005			
						Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
1	Design	77 days	Tue 9/30/03	Tue 1/27/04									
4	Parts, Tooling Fab & Instl	198 days	Mon 9/1/03	Wed 6/16/04									
9	Magnet Fabrication	391 days	Thu 2/19/04	Wed 9/7/05									
10	Magnet #1	351 days	Thu 2/19/04	Tue 7/12/05									
11	Coil Assembly	241 days	Thu 2/19/04	Thu 2/3/05	5FS-2 wks								
12	SCQ Quad Coils	105 days	Thu 2/19/04	Fri 7/16/04									
13	insulate w/ kapton, hypot	1 day	Thu 2/19/04	Thu 2/19/04									
14	Mount/indicate tube	2 days	Fri 2/20/04	Mon 2/23/04	13	winder							
15	install substrate	1 day	Tue 2/24/04	Tue 2/24/04	14	winder							
16	wind layer 1	2 days	Wed 2/25/04	Thu 2/26/04	15	winder							
17	install G-10 parts, leads	3 days	Fri 2/27/04	Tue 3/2/04	16	winder							
18	install substrate	1 day	Wed 3/3/04	Wed 3/3/04	17	winder							
19	wind layer 2	2 days	Thu 3/4/04	Fri 3/5/04	18	winder							
20	solder outgoing lead	1 day	Mon 3/8/04	Mon 3/8/04	19								
21	install G-10 parts	3 days	Tue 3/9/04	Thu 3/11/04	20								
22	prepare for cure	2 days	Fri 3/12/04	Mon 3/15/04	21								
23	cure	2 days	Tue 3/16/04	Wed 3/17/04	22	oven							
24	overwrap fiberglass	0.5 days	Thu 3/18/04	Thu 3/18/04	23	wrapper							
25	prepare for cure	0.5 days	Thu 3/18/04	Thu 3/18/04	24	wrapper							
26	cure	1 day	Fri 3/19/04	Fri 3/19/04	25	helical oven							
27	magnetic measurements	4 days	Mon 3/22/04	Thu 3/25/04	26	msmt stand							
28	insulate w/ kapton, hypot	1 day	Fri 3/26/04	Fri 3/26/04	27								
29	Mount/indicate tube	2 days	Mon 3/29/04	Tue 3/30/04	28	winder							
30	install substrate	1 day	Wed 3/31/04	Wed 3/31/04	29	winder							
31	wind layer 3	2 days	Thu 4/1/04	Fri 4/2/04	30	winder							
32	install G-10 parts, leads	3 days	Mon 4/5/04	Wed 4/7/04	31	winder							
33	install substrate	1 day	Thu 4/8/04	Thu 4/8/04	32	winder							

Project: BEPII2 Date: Tue 3/2/04	Task		Rolled Up Task		Project Summary	
	Split		Rolled Up Split		External Milestone	
	Progress		Rolled Up Milestone		Deadline	
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	Summary		External Tasks			

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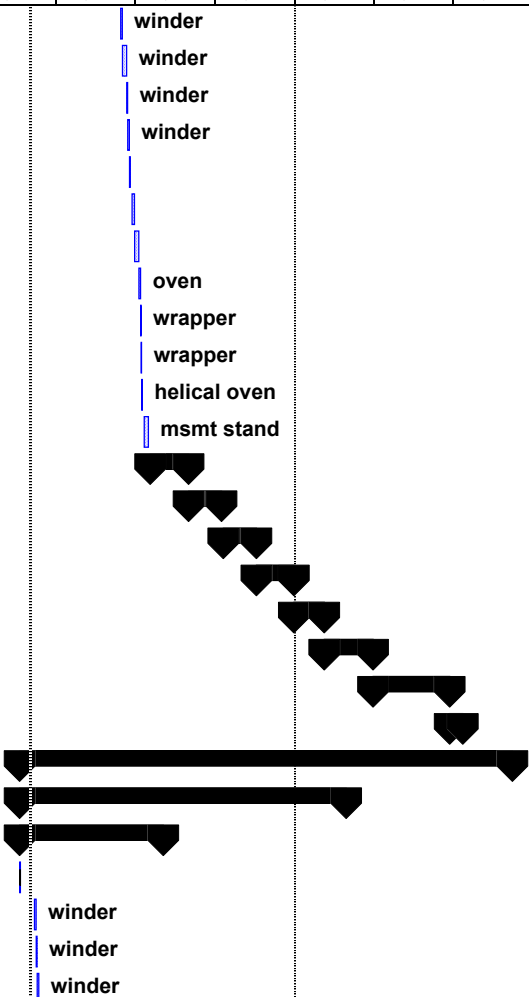
ID	Task Name	Duration	Start	Finish	Predecessors	2004					2005			
						Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	
34	wind layer 4	2 days	Fri 4/9/04	Mon 4/12/04	33			winder						
35	solder outgoing lead	1 day	Tue 4/13/04	Tue 4/13/04	34									
36	install G-10 parts	3 days	Wed 4/14/04	Fri 4/16/04	35									
37	prepare for cure	2 days	Mon 4/19/04	Tue 4/20/04	36									
38	cure	2 days	Wed 4/21/04	Thu 4/22/04	37			oven						
39	overwrap fiberglass	0.5 days	Fri 4/23/04	Fri 4/23/04	38			wrapper						
40	prepare for cure	0.5 days	Fri 4/23/04	Fri 4/23/04	39			wrapper						
41	cure	1 day	Mon 4/26/04	Mon 4/26/04	40			helical oven						
42	magnetic measurements	4 days	Tue 4/27/04	Fri 4/30/04	41			msmt stand						
43	insulate w/ kapton, hypot	1 day	Mon 5/3/04	Mon 5/3/04	42									
44	Mount/indicate tube	2 days	Tue 5/4/04	Wed 5/5/04	43			winder						
45	install substrate	1 day	Thu 5/6/04	Thu 5/6/04	44			winder						
46	wind layer 5	2 days	Fri 5/7/04	Mon 5/10/04	45			winder						
47	install G-10 parts, leads	3 days	Tue 5/11/04	Thu 5/13/04	46			winder						
48	install substrate	1 day	Fri 5/14/04	Fri 5/14/04	47			winder						
49	wind layer 6	2 days	Mon 5/17/04	Tue 5/18/04	48			winder						
50	solder outgoing lead	1 day	Wed 5/19/04	Wed 5/19/04	49									
51	install G-10 parts	3 days	Thu 5/20/04	Mon 5/24/04	50									
52	prepare for cure	2 days	Tue 5/25/04	Wed 5/26/04	51									
53	cure	2 days	Thu 5/27/04	Fri 5/28/04	52			oven						
54	overwrap fiberglass	0.5 days	Tue 6/1/04	Tue 6/1/04	53			wrapper						
55	prepare for cure	0.5 days	Tue 6/1/04	Tue 6/1/04	54			wrapper						
56	cure	1 day	Wed 6/2/04	Wed 6/2/04	55			helical oven						
57	magnetic measurements	4 days	Thu 6/3/04	Tue 6/8/04	56			msmt stand						
58	insulate w/ kapton, hypot	1 day	Wed 6/9/04	Wed 6/9/04	57									
59	Mount/indicate tube	2 days	Thu 6/10/04	Fri 6/11/04	58			winder						
60	install substrate	1 day	Mon 6/14/04	Mon 6/14/04	59			winder						

Project: BEPII2 Date: Tue 3/2/04	Task		Rolled Up Task		Project Summary	
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						Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	
61	wind layer 7	2 days	Tue 6/15/04	Wed 6/16/04	60									
62	install G-10 parts, leads	3 days	Thu 6/17/04	Mon 6/21/04	61									
63	install substrate	1 day	Tue 6/22/04	Tue 6/22/04	62									
64	wind layer 8	2 days	Wed 6/23/04	Thu 6/24/04	63									
65	solder outgoing lead	1 day	Fri 6/25/04	Fri 6/25/04	64									
66	install G-10 parts	3 days	Mon 6/28/04	Wed 6/30/04	65									
67	prepare for cure	2 days	Thu 7/1/04	Mon 7/5/04	66									
68	cure	2 days	Tue 7/6/04	Wed 7/7/04	67									
69	overwrap fiberglass	0.5 days	Thu 7/8/04	Thu 7/8/04	68									
70	prepare for cure	0.5 days	Thu 7/8/04	Thu 7/8/04	69									
71	cure	1 day	Fri 7/9/04	Fri 7/9/04	70									
72	magnetic measurements	5 days	Mon 7/12/04	Fri 7/16/04	71									
73	AS1, AS3 Anti-Solenoid Coils	32 days	Mon 7/19/04	Tue 8/31/04										
90	SCB Dipole	27 days	Wed 9/1/04	Fri 10/8/04										
106	VDC Dipole Corrector	27 days	Mon 10/11/04	Wed 11/17/04										
122	SKQ Skew Quad Corrector	27 days	Thu 11/18/04	Thu 12/30/04										
138	AS2 Anti-Solenoid Coil	23 days	Fri 12/31/04	Thu 2/3/05										
151	Vertical Cold Test	39 days	Fri 2/4/05	Thu 3/31/05										
158	Magnet Assembly	61 days	Fri 4/1/05	Mon 6/27/05										
169	Preparation for Shipment	10 days	Tue 6/28/05	Tue 7/12/05										
173	Magnet #2	390 days	Fri 2/20/04	Wed 9/7/05										
174	Coil Assembly	256 days	Fri 2/20/04	Mon 2/28/05	5FS-2 wks									
175	SCQ Quad Coils	115 days	Fri 2/20/04	Mon 8/2/04										
176	insulate w/ kapton, hypot	1 day	Fri 2/20/04	Fri 2/20/04	13									
177	Mount/indicate tube	2 days	Mon 3/8/04	Tue 3/9/04	176									
178	install substrate	1 day	Wed 3/10/04	Wed 3/10/04	177									
179	wind layer 1	2 days	Thu 3/11/04	Fri 3/12/04	178									
















Project: BEPII2 Date: Tue 3/2/04	Task		Rolled Up Task		Project Summary	
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						Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	
180	install G-10 parts, leads	3 days	Mon 3/15/04	Wed 3/17/04	179			winder						
181	install substrate	1 day	Thu 3/18/04	Thu 3/18/04	180			winder						
182	wind layer 2	2 days	Fri 3/19/04	Mon 3/22/04	181			winder						
183	solder outgoing lead	1 day	Tue 3/23/04	Tue 3/23/04	182									
184	install G-10 parts	3 days	Wed 3/24/04	Fri 3/26/04	183									
185	prepare for cure	2 days	Mon 3/29/04	Tue 3/30/04	184									
186	cure	2 days	Wed 3/31/04	Thu 4/1/04	185			oven						
187	overwrap fiberglass	0.5 days	Fri 4/2/04	Fri 4/2/04	186			wrapper						
188	prepare for cure	0.5 days	Fri 4/2/04	Fri 4/2/04	187			wrapper						
189	cure	1 day	Mon 4/5/04	Mon 4/5/04	188			helical oven						
190	magnetic measurements	4 days	Tue 4/6/04	Fri 4/9/04	189			msmt stand						
191	insulate w/ kapton, hypot	1 day	Mon 4/12/04	Mon 4/12/04	190									
192	Mount/indicate tube	2 days	Tue 4/13/04	Wed 4/14/04	191			winder						
193	install substrate	1 day	Thu 4/15/04	Thu 4/15/04	192			winder						
194	wind layer 3	2 days	Fri 4/16/04	Mon 4/19/04	193			winder						
195	install G-10 parts, leads	3 days	Tue 4/20/04	Thu 4/22/04	194			winder						
196	install substrate	1 day	Fri 4/23/04	Fri 4/23/04	195			winder						
197	wind layer 4	2 days	Mon 4/26/04	Tue 4/27/04	196			winder						
198	solder outgoing lead	1 day	Wed 4/28/04	Wed 4/28/04	197									
199	install G-10 parts	3 days	Thu 4/29/04	Mon 5/3/04	198									
200	prepare for cure	2 days	Tue 5/4/04	Wed 5/5/04	199									
201	cure	2 days	Thu 5/6/04	Fri 5/7/04	200			oven						
202	overwrap fiberglass	0.5 days	Mon 5/10/04	Mon 5/10/04	201			wrapper						
203	prepare for cure	0.5 days	Mon 5/10/04	Mon 5/10/04	202			wrapper						
204	cure	1 day	Tue 5/11/04	Tue 5/11/04	203			helical oven						
205	magnetic measurements	4 days	Wed 5/12/04	Mon 5/17/04	204			msmt stand						
206	insulate w/ kapton, hypot	1 day	Tue 5/18/04	Tue 5/18/04	205									

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ID	Task Name	Duration	Start	Finish	Predecessors	2004					2005		
						Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
207	Mount/indicate tube	2 days	Wed 5/19/04	Thu 5/20/04	206				winder				
208	install substrate	1 day	Fri 5/21/04	Fri 5/21/04	207				winder				
209	wind layer 5	2 days	Mon 5/24/04	Tue 5/25/04	208				winder				
210	install G-10 parts, leads	3 days	Wed 5/26/04	Fri 5/28/04	209				winder				
211	install substrate	1 day	Tue 6/1/04	Tue 6/1/04	210				winder				
212	wind layer 6	2 days	Wed 6/2/04	Thu 6/3/04	211				winder				
213	solder outgoing lead	1 day	Fri 6/4/04	Fri 6/4/04	212								
214	install G-10 parts	3 days	Mon 6/7/04	Wed 6/9/04	213								
215	prepare for cure	2 days	Thu 6/10/04	Fri 6/11/04	214								
216	cure	2 days	Mon 6/14/04	Tue 6/15/04	215				oven				
217	overwrap fiberglass	0.5 days	Wed 6/16/04	Wed 6/16/04	216				wrapper				
218	prepare for cure	0.5 days	Wed 6/16/04	Wed 6/16/04	217				wrapper				
219	cure	1 day	Thu 6/17/04	Thu 6/17/04	218				helical oven				
220	magnetic measurements	4 days	Fri 6/18/04	Wed 6/23/04	219				msmt stand				
221	insulate w/ kapton, hypot	1 day	Thu 6/24/04	Thu 6/24/04	220								
222	Mount/indicate tube	2 days	Fri 6/25/04	Mon 6/28/04	221				winder				
223	install substrate	1 day	Tue 6/29/04	Tue 6/29/04	222				winder				
224	wind layer 7	2 days	Wed 6/30/04	Thu 7/1/04	223				winder				
225	install G-10 parts, leads	3 days	Mon 7/5/04	Wed 7/7/04	224				winder				
226	install substrate	1 day	Thu 7/8/04	Thu 7/8/04	225				winder				
227	wind layer 8	2 days	Fri 7/9/04	Mon 7/12/04	226				winder				
228	solder outgoing lead	1 day	Tue 7/13/04	Tue 7/13/04	227								
229	install G-10 parts	3 days	Wed 7/14/04	Fri 7/16/04	228								
230	prepare for cure	2 days	Mon 7/19/04	Tue 7/20/04	229								
231	cure	2 days	Wed 7/21/04	Thu 7/22/04	230				oven				
232	overwrap fiberglass	0.5 days	Fri 7/23/04	Fri 7/23/04	231				wrapper				
233	prepare for cure	0.5 days	Fri 7/23/04	Fri 7/23/04	232				wrapper				

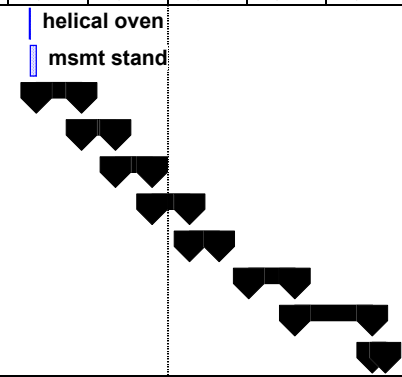
Project: BEPII2
Date: Tue 3/2/04

Task		Rolled Up Task		Project Summary	
Split		Rolled Up Split		External Milestone	
Progress		Rolled Up Milestone		Deadline	
Milestone		Rolled Up Progress			
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						Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
234	cure	1 day	Mon 7/26/04	Mon 7/26/04	233								
235	magnetic measurements	5 days	Tue 7/27/04	Mon 8/2/04	234								
236	AS1, AS3 Anti-Solenoid Coils	37 days	Tue 8/3/04	Thu 9/23/04									
253	SCB Dipole	27 days	Fri 9/24/04	Mon 11/1/04	252								
269	VDC Dipole Corrector	27 days	Tue 11/2/04	Mon 12/13/04	268								
285	SKQ Skew Quad Corrector	27 days	Tue 12/14/04	Tue 1/25/05									
301	AS2 Anti-Solenoid Coil	23 days	Wed 1/26/05	Mon 2/28/05									
314	Vertical Cold Test	39 days	Mon 4/4/05	Thu 5/26/05									
321	Magnet Assembly	61 days	Fri 5/27/05	Tue 8/23/05									
332	Preparation for Shipment	10 days	Wed 8/24/05	Wed 9/7/05									



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