

SPEAR DOWNTIME SCHEDULE

Fri 9/24

ID	Task Name	Duration	Start	Finish	Prede	Project Manag	Resource Name	Sep 6, '04		Sep 13, '04		Sep 20, '04		Sep 27, '04		Oct 4, '04		Oct 11, '04		Oct 18, '04								
								M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
1	<b>MILESTONES</b>	55 days?	Sat 7/31	Mon 10/18																								
6	SPEAR Lockup	0 days	Mon 9/27	Mon 9/27																								
7	BEAM to Users	0 days	Mon 10/18	Mon 10/18																								
17	<b>DOWNTIME</b>	1 day?	Fri 9/17	Fri 9/17																								
18	<b>INJECTOR</b>	40 days?	Mon 8/9	Fri 10/1																								
44	<b>Booster PS:</b>	36 days?	Tue 8/10	Tue 9/28																								
45	Test Board Interface (Bias, Pulse, B2-B6)	2 days	Mon 9/27	Tue 9/28			Rafael	Taylor,Rafael																				
48	Install the blown fuse detector	12 days	Mon 8/30	Wed 9/15			Rafael	Taylor,Rafael																				
63	<b>Gun</b>	1 day?	Fri 9/17	Fri 9/17																								
64	Install New NESLAB Chiller ( Need LINAC Access)	1 day?	Fri 9/17	Fri 9/17				MSG																				
65	Install New E-Gun RTD	1 day?	Fri 9/17	Fri 9/17				MSG																				
74	<b>SPEAR</b>	53 days?	Fri 7/16	Tue 9/28																								
76	<b>Facilities</b>	27 days?	Fri 8/13	Tue 9/21																								
79	B118 fire alarm tie-in	1 day	Tue 9/21	Tue 9/21			Shewchuk	Contractor																				
88	<b>Beam Monitoring and Diagnostics</b>	14 days?	Mon 8/23	Fri 9/10			Martin																					
89	<b>BPM System</b>	14 days?	Mon 8/23	Fri 9/10			Martin																					
90	Testing Test Tone couplers (50ea)	14 days?	Mon 8/23	Fri 9/10				Wachter																				
108	<b>Shielding</b>	15 days	Mon 8/30	Mon 9/20																								
109	<b>Phase II Shielding</b>	15 days	Mon 8/30	Mon 9/20			Boyce	MSG																				
110	Remove S1 Shielding for Scraper Install	1 day	Fri 9/10	Fri 9/10				MSG																				
112	S1 Install Scraper Shielding	1 day	Mon 9/20	Mon 9/20				MSG																				
129	SLM Install Mask Down Beam cf/m	1 day	Fri 9/10	Mon 9/13	127			MSG/BLD																				
130	SLM Install Pb Mask Up Beam Mag	1 day	Mon 9/13	Tue 9/14				MSG/BLD																				
131	<b>LCW and Pneumatics Systems</b>	30 days?	Wed 8/4	Wed 9/15			Nzeadibe																					
135	Inspect Magnet Electrical Connections	1 day	Fri 8/27	Fri 8/27																								
136	Install LCW to New SR mask 9,10	2 days	Tue 9/7	Wed 9/8																								
145	BL FE needle valve replacement (w/ restrictor tubes)	21 days	Tue 8/17	Wed 9/15				MSG																				
162	<b>GENERAL MECHANICAL</b>	16 days?	Wed 8/11	Wed 9/1				MSG																				
173	<b>Vacuum System</b>	53 days?	Fri 7/16	Tue 9/28			Morales																					
175	<b>Zone 1</b>	46 days?	Tue 7/27	Tue 9/28																								
178	<b>S1 Scraper Installation</b>	46 days?	Tue 7/27	Tue 9/28			Ringwall																					
183	Remove Existing S1 Spool ( Compress Bellows Slightly to Facilitate Remov	1 day?	Wed 9/15	Wed 9/15				Vac																				
184	Install Scraper Chamber, Connect to Bellows	1 day	Fri 9/24	Fri 9/24	181			Vac																				
186	Align Scraper Chamber	1 day?	Sat 9/25	Sat 9/25				Align																				
187	Add LCW to S1 Scraper	1 day?	Mon 9/27	Mon 9/27	186			MSG																				
188	Re-Install Aisle Side Lead Shielding	1 day?	Mon 9/27	Mon 9/27	186			MSG																				
189	Test X & Y Motion Control	2 days	Mon 9/27	Tue 9/28				Dao																				
190	Connect Scraper into PPS	0.5 days	Mon 9/27	Mon 9/27																								
191	Pumpdown Zone 1	1 day	Sat 9/25	Sat 9/25	184																							
193	<b>Zone 2</b>	52 days	Fri 7/16	Mon 9/27			Morales																					
195	<b>S6 ID SR Masks ( BL 10)-Upgrade to 500mA</b>	49 days	Fri 7/16	Thu 9/23			, Trautwein	Vac																				
202	Re-Install LCW	1 day	Wed 9/22	Thu 9/23	201			MSG																				
203	Re-Install Plexiglas Covers at Side, Back and Front	0.5 days	Thu 9/23	Thu 9/23	202			MSG																				
204	<b>S7 ID SR Masks ( BL9)-Upgrade to 500mA</b>	52 days	Fri 7/16	Mon 9/27				Vac																				
212	Re-Install LCW	1 day	Sat 9/25	Sat 9/25	211			MSG																				
213	Re-Install Shielding attached to G7	0.5 days	Mon 9/27	Mon 9/27	212			MSG																				
214	Re-Install Plastic Cover Above Upbeam Mask	0.5 days	Mon 9/27	Mon 9/27	213			MSG																				
215	<b>S8 RGA</b>	27.5 days	Thu 8/5	Tue 9/14																								
220	<b>Ring Preparation</b>	9.5 days	Mon 8/23	Fri 9/3																								
221	Terminate/Test RS422 Cable From S8 to SPEAR Control Room	0.5 days	Mon 8/23	Mon 8/23				EDM																				
223	Pump down Zone 2	1 day	Thu 9/23	Thu 9/23				Vac																				
235	<b>Zone 4</b>	50 days?	Fri 7/16	Fri 9/24			Morales																					
237	<b>S15 ID SR Masks ( BL 11)-Upgrade to 500mA</b>	48.7 days	Fri 7/16	Thu 9/23			, Trautwein	Vac																				

