

SPEAR DOWNTIME: Aug - Oct 2011

Fri 9/23/11

ID	WPC	Req Safety Docs	ATE/Task Name	Notes	Priority	Working Duration	Resource / Shop	#P	Project Manager	Task Person	% Complete	Start	Finish	October 2011																														
														1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	V7			Planning Schedule for Aug - Sep 2011 Downtime																																								
2				Shutdown Dates		83 d					5%	Mon 7/25...	Mon 11/1...																															
6				ACCEL STARTUP		25 d					0%	Mon 10/3/11	Thu 11/3/11																															
7				SPEAR LOCKUP - tentative		0 d					0%	Tue 10/11/11	Tue 10/11/11																															
8				BEAM LINE COMMISSIONING		5 d					0%	Mon 11/7/11	Fri 11/11/11																															
9				BEAM TO USERS		0 d					0%	Mon 11/14/11	Mon 11/14/11																															
10				Utility Outages		53 d					33%	Mon 7/25...	Tue 10/4/11																															
13				LCW		52 d					0%	Tue 7/26/11	Tue 10/4/11																															
16				Injector ON		0 d					0%	Mon 9/26/11	Mon 9/26/11																															
17				SPEAR ON		0 hrs					0%	Tue 10/4/11	Tue 10/4/11																															
18				Air		25.25 d					0%	Fri 8/26/11	Fri 9/30/11																															
21				Campus (SPEAR) air ON	date TBD	2 hrs					0%	Fri 9/30/11	Fri 9/30/11																															
22				Auxiliary air ON	date TBD	2 hrs					0%	Fri 9/30/11	Fri 9/30/11																															
23				Electrical		33 d					38%	Mon 7/25/11	Wed 9/7/11																															
27				B117 panels - PM	date TBD	2 d			Severinsen		0%	Mon 7/25/11	Tue 7/26/11																															
28				Computer		1 d					0%	Sat 10/1/11	Sat 10/1/11																															
29				Control computers down		1 d			Wermelsk		0%	Sat 10/1/11	Sat 10/1/11																															
57				ES&H		26 d					0%	Mon 7/25/...	Fri 8/26/11																															
58				Reactivate Booster Sprinkler System	Date?	1 d			Kerwin		0%	Fri 9/9/11	Fri 9/9/11																															
60				PPS Certification		26 d					0%	Mon 7/25/...	Fri 8/26/11																															
61						1 d?					0%	Mon 7/25/11	Mon 7/25/11																															
62				Restart Operations		8 d					0%	Mon 9/26/...	Tue 10/4/11																															
63				Vacuum		8 d	Vac				0%	Mon 9/26/11	Tue 10/4/11																															
64				Inj - pre-start checks		2 d	Vac				0%	Mon 9/26/11	Tue 9/27/11																															
65				SP - pre-start checks		2 d	Vac				0%	Mon 10/3/11	Tue 10/4/11																															
67				Control System and Network Outages		1 d					0%	Mon 7/25/...	Mon 7/25/...																															
69				B120		26 d					0%	Mon 7/25/...	Fri 8/26/11																															
71				DOWN PRELIMINARIES:		57 d					81%	Mon 7/25/...	Fri 10/7/11																															
79		ClS RSWCF		Close W. equipment access		4 hrs	FACR,MSG				0%	Fri 10/7/11	Fri 10/7/11																															
81		ClS RSWCF		Close rolling block doors - BL 5, 9		1 d	Kerr				0%	Fri 10/7/11	Fri 10/7/11																															
86				Controls and Networking		59 d?					6%	Mon 7/25/...	Mon 10/1/...																															
87		RSWCF		PPS Upgrade:		55 d?					22%	Mon 7/25/11	Wed 10/5/11																															
88				PPS Siemens PLC EPICS IOC and clients		55 d?	Allison				25%	Mon 7/25/11	Wed 10/5/11																															
89				PPS EPICS Display		23 d	Hoover				25%	Tue 9/6/11	Wed 10/5/11																															
90				Decommission PPS CAMAC in booster control system		1 d?	Wermelsk				25%	Mon 7/25/11	Mon 7/25/11																															
91				B140 Cameras:		21 d					1%	Tue 9/6/11	Mon 10/3/11																															
92				Camera EPICS IOCs and clients		1 d	Rarback				0%	Fri 9/9/11	Fri 9/9/11																															
93				Camera Linux server		21 d	Allison				1%	Tue 9/6/11	Mon 10/3/11																															
94				B140 VLAN-466 switch for cameras		1 d	Ramirez				0%	Fri 9/9/11	Fri 9/9/11																															
95				Network cabling for cameras and server	B1, PR2, G49	1 d	Ramirez				0%	Fri 9/9/11	Fri 9/9/11																															
96				Power and trigger cabling?		1 d					0%	Mon 10/3/11	Mon 10/3/11																															
97				B140 MPS Upgrade:		14 d?					0%	Wed 9/14/11	Sat 10/1/11																															
98				Network cabling to new VLAN-466 etherIP module		1 d?	Ramirez				0%	Wed 9/14/11	Wed 9/14/11																															
99				EPICS IOC changes		5 d	Rarback				0%	Tue 9/27/11	Sat 10/1/11																															
100				B117 PC OS Upgrade:		52 d?					0%	Mon 7/25/11	Sat 10/1/11																															
101				Upgrade all mission-critical control room PCs to Linux		5 d	Wermelsk				0%	Tue 9/27/11	Sat 10/1/11																															
102				Move two middle desktop PCs from SSRL to SLAC		1 d?	Rarback				0%	Mon 7/25/11	Mon 7/25/11																															
103				VME Crate Monitoring:		57 d?					0%	Mon 7/25/11	Fri 10/7/11																															
104				Move room monitor to EPICS, add VME crates		57 d?	Allison				5%	Mon 7/25/11	Fri 10/7/11																															
105				Disable fan failure auto crate poweroff in each VME crate		57 d?	Allison				5%	Mon 7/25/11	Fri 10/7/11																															
106				Add ethernet VME crate monitoring to EPICS		57 d?	Allison				5%	Mon 7/25/11	Fri 10/7/11																															
107				EPSCs		0 d					0%	Mon 10/10/11	Mon 10/10/11																															
108				B132 SPEAR RF main solenoid		0 d	Allison				0%	Mon 10/10/11	Mon 10/10/11																															
109				Network cabling for B132 EPSC		0 d	Ramirez				0%	Mon 10/10/11	Mon 10/10/11																															
110				B140 LTB sextupole		0 d	Allison				0%	Mon 10/10/11	Mon 10/10/11																															
111				Network cabling for B140 LTB EPSCs		0 d	Ramirez				0%	Mon 10/10/11	Mon 10/10/11																															
112				B140 BTS power supplies		0 d	Allison				0%	Mon 10/10/11	Mon 10/10/11																															
113				Network cabling for B140 BTS EPSCs		0 d	Ramirez				0%	Mon 10/10/11	Mon 10/10/11																															
114				General:		42 d?					3%	Mon 7/25/11	Mon 9/19/11																															
115				New run in history, RDB work		1 d?	Wermelsk				0%	Mon 9/19/11	Mon 9/19/11																															
116				Upgrade all linux servers to RHEL6, 64 bit		26 d?	Allison				99%	Mon 7/25/11	Fri 8/26/11																															
117				Move all injector displays to EDM		1 d?	?				0%	Mon 7/25/11	Mon 7/25/11																															
118				EDM summary panel - machine alarms		1 d?					0%	Mon 7/25/11	Mon 7/25/11																															
120				B140		335.5 d?					40%	Wed 6/1/11	Wed 9/12/...																															
132		Red work		Booster Klystron - replace with spare		292.5 d			Park		93%	Mon 8/1/11	Wed 9/12/12																															
140				Install new water fitting on Klystron	Manlift needed	4 hrs	KLY,MSG				0%	Wed 9/12/12	Wed 9/12/12																															
142				PCD Morris		28 d	PCD		Morris		25%	Mon 9/5/11	Mon 10/10/11																															
143				InJector - K2, K3 Maintenance		3 d	PCD				0%	Mon 9/5/11	Wed 9/7/11																															
145				PCD Beuker		20 d	PCD		Beukers		0%	Thu 8/25/11	Wed 9/21/11																															
146				booster kickers mechanical in the ring.		20 d	PCD				0%	Thu 8/25/11	Wed 9/21/11																															
147				pulsed septum charging supply upgrade		10 d	PCD				0%	Thu 8/25/11	Wed 9/7/11																															
148				PCD de Lira		43 d?	PCD		Johnson		8%	Mon 7/25/11	Tue 9/20/11																															

