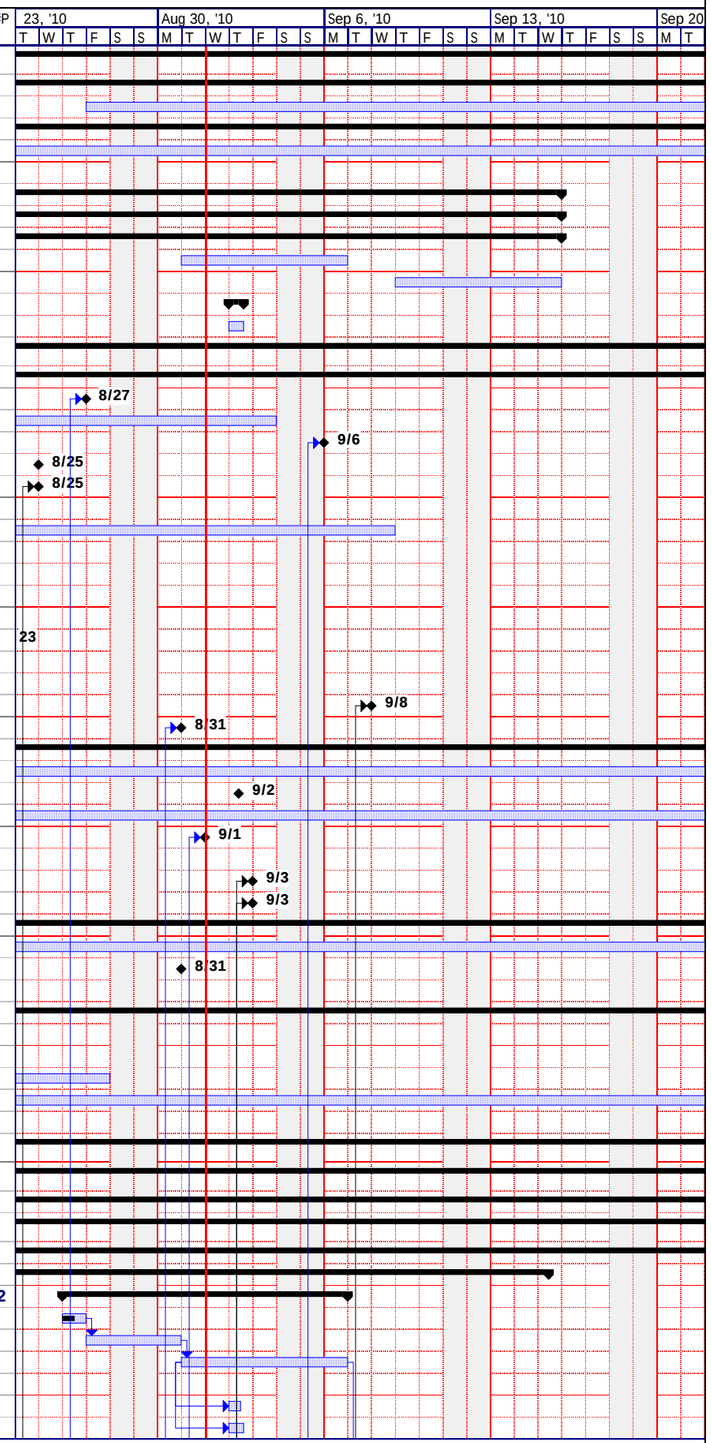
SSRL ACCELERATOR - 2010 SHUTDOWN

8/27/10

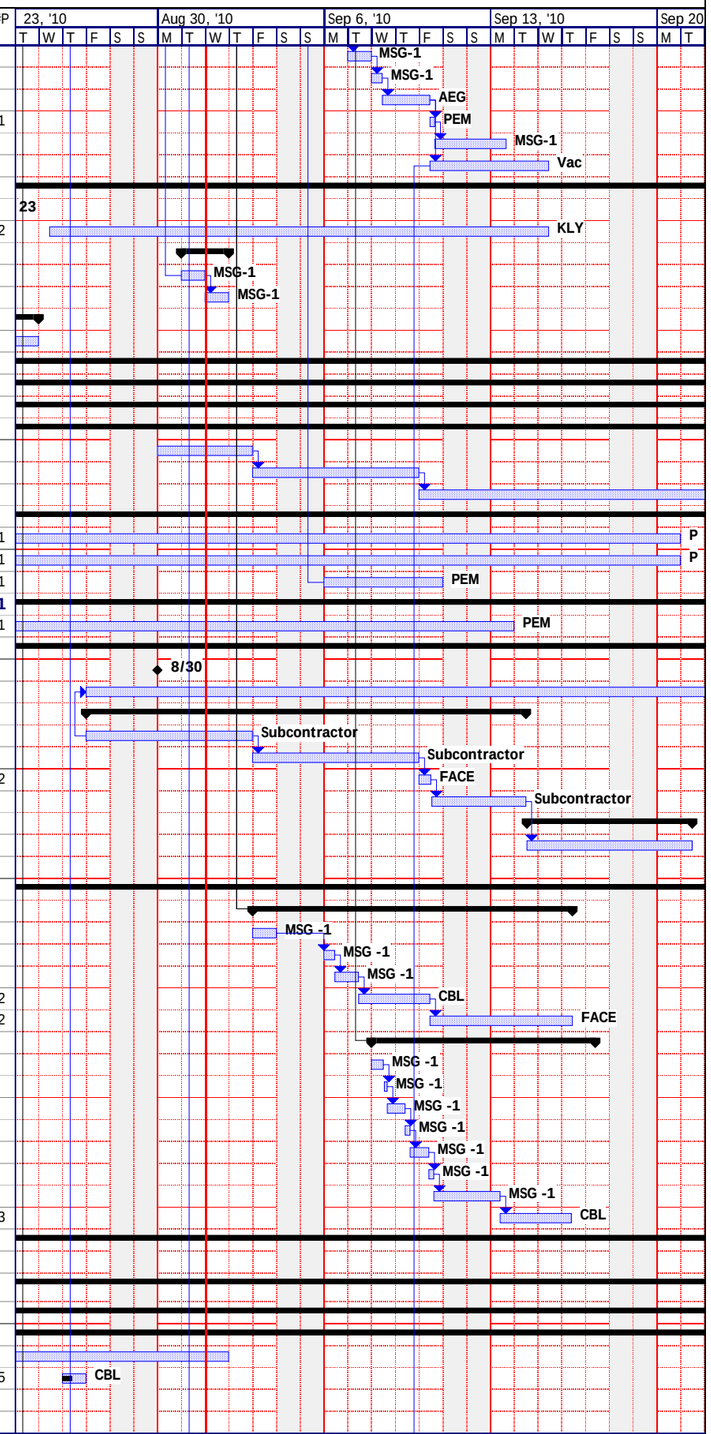
ID	% omplet	Task Name	Safety Forms	Notes	Duration	Start	Actual Finish	Finish	Predec	Project Manager	Task person	Resource/Sh	#P
1	**7%**	**Key Dates**			**91 d**	**7/27/10**	**NA**	**11/15/10**					
2	**26%**	**Injector**			**52 d**	**7/27/10**	**NA**	**10/4/10**					
4	0%	Linac roof & Booster access			29 d	8/27/10	NA	10/4/10					
5	**0%**	**SPEAR**			**66 d**	**7/27/10**	**NA**	**10/20/10**					
7	0%	Down time tunnel access			66 d	7/27/10	NA	10/20/10					
8	0%	Accelerator Prep			*4 d*	*7/27/10*	NA	*7/30/10*					
10	**17%**	**ACCESS**			**28 d**	**8/9/10**	**NA**	**9/15/10**					
11	**17%**	**Seismic Upgrade**			*28 d*	*8/9/10*	**NA**	*9/15/10*					
12	**17%**	**NO access through construction area**			**28 d**	**8/9/10**	**NA**	**9/15/10**					
14	0%	Removal of existing roof blocks			5 d	8/31/10	NA	9/6/10					
15	0%	Installation of new precast roof blocks			5 d	9/9/10	NA	9/15/10					
16	**0%**	**Outages**			**0.75 d**	**9/2/10**	**NA**	**9/2/10**					
17	0%	B140 Power - RF HVPS Breaker Installation			6 hrs	9/2/10	NA	9/2/10					
24	**18%**	**Projects - Summary List**			**67 d?**	**7/26/10**	**NA**	**10/20/10**					
25	**29%**	*Injector*			*63 d?*	*7/27/10*	**NA**	*10/15/10*					
27	*0%*	*Linac RF diagnostic upgrade with temperature controlled rack*			*0 d*	*8/27/10*	*NA*	*8/27/10*	*265SS*	*Gierman, M*			
29	40%	Linac phase shifter - refurbish mechanical drive			15 d	8/16/10	NA	9/3/10	386SS	Nalls			
30	*0%*	*Install Lambda HV PS into modulator K3*			*0 d*	*9/6/10*	*NA*	*9/6/10*	*191SS*	*Morris*			
31	*0%*	*Spare chopper drive cable*			*0 d*	*8/25/10*	*NA*	*8/25/10*		*Ortiz*			
32	*0%*	*SF6 recovery tie-in*			*0 d*	*8/25/10*	*NA*	*8/25/10*	*328SS*	*Ernst*			
33	0%	*LINAC to Diagnostic room alignment*		*survey BPM*	*1 d?*	*7/27/10*	NA	*7/27/10*	*96SS*	Dellorco			
34	30%	*LTB alignment*			*27 d*	*8/3/10*	NA	*9/8/10*	*96SS*	Dellorco			
35	*25%*	*LTB - B3 - BPM*		*Toroid to be removed*	*0 d*	*8/19/10*	*NA*	*8/19/10*	*107SS*	*Gierman, S*			
36	*25%*	*LTB B3 - Hall probe*		*TBD*	*0 d*	*8/19/10*	*NA*	*8/19/10*	*107SS*	*Traut, Ortı*			
37	*0%*	*White Circuit PS - controller upgrade (Ethernet)*			*0 d*	*7/27/10*	*NA*	*7/27/10*	*188SS*	*Lam, Rafae*			
38	*0%*	*White circuit capacitor replacement*			*0 d*	*7/27/10*	*NA*	*7/27/10*	*189SS*	*Lam, Rafae*			
39	*0%*	*Booster Klystron PM/testing (remove working klystron to Test Lab)*			*0 d*	*8/23/10*	*NA*	*8/23/10*	*120SS*	*Park,Eichn*			
40	*0%*	*Booster/Linac RF phase lock*			*0 d*	*8/12/10*	*NA*	*8/12/10*	*261SS*	*Martin*			
41	*0%*	*Replace Booster choke thermostats and internal bus*		*Recertify MPS thermal swtch afte*	*0 d*	*8/3/10*	*NA*	*8/3/10*	*116SS*	*Ernst, Dell*			
42	*0%*	*Electronic pressure/temp gauging for LCW*			*0 d*	*9/8/10*	*NA*	*9/8/10*	*217SS*	*Ernst*			
43	*0%*	*Spare peaking strip*			*0 d*	*8/31/10*	*NA*	*8/31/10*	*135SS*	*Ernst*			
44	**18%**	*SPEAR*			*67 d*	*7/26/10*	**NA**	*10/20/10*					
45	5%	*SPEAR RFHV PS spare installation*			*49 d*	*7/27/10*	NA	*10/1/10*		Trautwein/			
46	*40%*	*RF Cavity zone - NPCT removal and replacement by drift tube*			*0 d*	*9/2/10*	*NA*	*9/2/10*	*423SS*	*Nalls*			
48	0%	*SPEAR kicker upgrade (K1, K2, K3)*			*66 d*	*7/27/10*	NA	*10/20/10*		Beukers/Ra			
49	*0%*	*SPEAR BL13 ID - readouts*		*define project*	*0 d*	*9/1/10*	*NA*	*9/1/10*	*348SS*	*Dell'Orco*			
50	0%	*ID - emergency-off switches (BL 5, 6, 9, 10)*			*11 d*	*7/29/10*	NA	*8/12/10*		Dao			
51	*0%*	*Electronic pressure/temp gauging for LCW*			*0 d*	*9/3/10*	*NA*	*9/3/10*	*211SS*	*Ernst*			
52	*0%*	*Electronic monitoring LCW (ph, dissolved O2, conductivity)*			*0 d*	*9/3/10*	*NA*	*9/3/10*	*211SS*	*Ernst*			
53	**40%**	**Facilities**			**57 d**	**7/26/10**	**NA**	**10/8/10**					
55	0%	*SPEAR Seismic Upgrade*			*10.4 w*	*8/2/10*	NA	10/8/10		Cadapan/C			
56	*0%*	*E/W pit sump pumps - connect to emergency power*			*0 d*	*8/31/10*	*NA*	*8/31/10*		*Guerra*			
58	0%	Removal old HV XTRANS north of Booster		Date TBD	2 d	7/26/10	NA	7/27/10		Blomdal			
59	**0%**	**Beamline**			**45 d**	**7/26/10**	**NA**	**9/24/10**					
60	*0%*	*BL HPI TOSOIC modifications*			*0 d*	*7/27/10*	*NA*	*7/27/10*		*Ortiz*			
61	*0%*	*Bend magnet line bellows mask (BL1, 2, 8, 3, 14)*		*BL1 before 8/2*	*0 d*	*7/29/10*	*NA*	*7/29/10*	*436SS*	*Nalls*			
62	0%	BL2-1 M0 mirror slides upgrade			5 d	8/23/10	NA	8/27/10		Johnson			
63	0%	Mirror pitch feedback - BL9, 10, 12, 13			25 d	8/23/10	NA	9/24/10		Rabedeau			
64	*0%*	*BL14-3 Installation*			*0 d*	*7/26/10*	*NA*	*7/26/10*					
66	**16%**	**DOWNTIME PROJECTS**					**NA**						
67	**91%**	**PRELIMINARIES**					**NA**						
87	**88%**	**Open SPEAR Equipment Access**			**66.75 d**	**7/28/10**	**NA**	**10/22/10**		**Ernst**			
94	**22%**	**PROJECTS**					**NA**						
95	**34%**	**INJECTOR**			**55.5 d**	**7/26/10**	**NA**	**10/7/10**					
96	**54%**	**LTB alignment**		**Q1- 1cm X align error**	**37.38 d**	**7/26/10**	**NA**	**9/15/10**		**Dell'Orco**			
103	**6%**	**Survey and magnet re-alignment**			**8 d**	**8/26/10**	**NA**	**9/6/10**	**102**			**AEG**	**2**
104	50%	Network Linac/Booster/LTB			1 d	8/26/10	NA	8/26/10					
105	0%	Survey LTB			2 d	8/27/10	NA	8/30/10	104				
106	0%	Analyze results/move magnets			5 d	8/31/10	NA	9/6/10	105				
107	95%	PM LTB magnets behind G11 (hose replacment)		Pressure test	4 hrs	8/19/10	NA	8/19/10	100SS+1			MSG-1	
108	0%	Install Hall probe on B3			4 hrs	9/2/10	NA	9/2/10	106SS+2				
109	0%	Install support mods for new B3 BPM			6 hrs	9/2/10	NA	9/2/10	106SS+2				



SSRL ACCELERATOR - 2010 SHUTDOWN

8/27/10

ID	% omplet	Task Name	Safety Forms	Notes	Duration	Start	Actual Finish	Finish	Predec	Project Manager	Task person	Resource/Sh	#P
110	0%	Roll girder into place and lower onto pedestals			1 d	9/7/10	NA	9/7/10	106			MSG-1	
111	0%	Replace injection septum shielding	Close RSWCF		3 hrs	9/8/10	NA	9/8/10	110			MSG-1	
112	0%	Survey and align girder			2 d	9/8/10	NA	9/10/10	111			AEG	
113	0%	G11 - re-connect mag/trim cable			4 hrs	9/10/10	NA	9/10/10	112	Lam		PEM	1
114	0%	Install steel plug/locking hasp in Booster, Linac, LTD walls	Close RSWCF		1 d	9/10/10	NA	9/13/10	113			MSG-1	
115	0%	Replace vacuum chambers as necessary			3 d	9/10/10	NA	9/15/10	112			Vac	
120	**9%**	**358 MHz Klystron PM**			**35.5 d**	**8/23/10**	**NA**	**10/7/10**		**Park**			
121	*0%*	*358MHz Klystron PM*			*0 d*	*8/23/10*	*NA*	*8/23/10*					
124	0%	SLAC Klystron Refurbishes 1st Klystron			15 d	8/25/10	NA	9/15/10	123			KLY	2
134	**0%**	**Peaking Strip (spare)**			**2 d**	**8/31/10**	**NA**	**9/1/10**		**Ernst**			
135	0%	Setup portable floor crane			1 d	8/31/10	NA	8/31/10				MSG-1	
136	0%	Split girder 31 and move space block		Qualify lifting fixture	1 d	9/1/10	NA	9/1/10	135			MSG-1	
137	**71%**	**SLAC Facilities**			**7 d**	**8/16/10**	**NA**	**8/24/10**					
139	0%	Remove old XTRANS station on north side of Booster		Date TBD	2 d	8/23/10	NA	8/24/10					
140	**19%**	**SPEAR**					**NA**						
141	**43%**	**Seismic Retrofit - Zone 1/BTS**			**67 d**	**7/26/10**	**NA**	**10/20/10**		**Choi**			
142	**86%**	**Outside tunnel**	**RSWCF**		**60.06 d**	**7/26/10**	**NA**	**10/12/10**					
158	**43%**	**Subcontract:**		**Temp pwr BSOIC 9.20 (for Inj**	**59 d**	**7/26/10**	**NA**	**10/10/10**		**Cadapan**			
168	0%	Install new precast wall blocks			4 d	8/30/10	NA	9/2/10	167				
169	0%	Install new precast roof blocks			5 d	9/3/10	NA	9/9/10	168				
170	0%	Install new anchorage			12 d	9/10/10	NA	9/27/10	169				
187	**0%**	**Power Conversion Projects**			**63 d**	**7/27/10**	**NA**	**10/15/10**					
188	0%	White Bias PS Ethernet controller upgrade			40 d	7/27/10	NA	9/20/10		Lam		PEM	1
189	0%	White circuit Capacitor cell upgrade installation			40 d	7/27/10	NA	9/20/10		Lam		PEM	1
191	0%	Install lambda HVPS into K3			5 d	9/6/10	NA	9/10/10		Morris		PEM	1
192	**0%**	**SPEAR kicker driver upgrade project K1, K2, K3**			**63 d**	**7/27/10**	**NA**	**10/15/10**		**Beukers**		**PEM**	**1**
193	0%	Upgrade K1 (5 stack)			35 d	7/27/10	NA	9/13/10		Beakers		PEM	1
196	**34%**	**RF HVPS Spare Installation**			**45.5 d?**	**7/23/10**	**NA**	**9/24/10**		**Trautwein**			
199	*0%*	*Project kickoff*			*0 d*	*8/30/10*	*NA*	*8/30/10*					
200	0%	Sub-contractor move RFHVPS and switch gear Ernst UTR		UTR coverage	20 d	8/27/10	NA	9/23/10	202SS	Ernst		MSG-2	
201	**0%**	**B514 prep**			**12.5 d**	**8/27/10**	**NA**	**9/14/10**					
202	0%	Oil containment			5 d	8/27/10	NA	9/2/10	198FS+5			Subcontract	
203	0%	PS base frame			5 d	9/3/10	NA	9/9/10	202	UTR		Subcontract	
204	0%	B514 utility disconnect			4 hrs	9/10/10	NA	9/10/10	203			FACE	2
205	0%	B514 wall removal			2 d	9/10/10	NA	9/14/10	204			Subcontract	
206	**0%**	**HVPS Installation**			**5 d**	**9/14/10**	**NA**	**9/21/10**					
207	0%	HVPS and Switch Gear installed on B514 pad/sub-frame			5 d	9/14/10	NA	9/21/10	205	UTR		Subcontract	
209	0%				1 d?	7/26/10	NA	7/26/10					
210	**0%**	**Mechanical**			**52 d?**	**7/26/10**	**NA**	**10/3/10**					
211	**0%**	**SPEAR 02, PH Conductivity Monitor Project**			**9.38 d**	**9/3/10**	**NA**	**9/16/10**		**Ernst**			
212	0%	Install new regulator and piping			8 hrs	9/3/10	NA	9/3/10				MSG -1	
213	0%	Install monitor manifold			3 hrs	9/6/10	NA	9/6/10	212			MSG -1	
214	0%	Install Hoffman box, and control units			1 d	9/6/10	NA	9/7/10	213			MSG -1	
215	0%	Install cabling			3 d	9/7/10	NA	9/10/10	214			CBL	2
216	0%	Install System power			4 d	9/10/10	NA	9/16/10	215			FACE	2
217	**0%**	**Injector Electronic Gauge Upgrade Project**			**7.25 d**	**9/8/10**	**NA**	**9/17/10**		**Ernst**			
218	0%	Install thermowells			4 hrs	9/8/10	NA	9/8/10				MSG -1	
219	0%	Install RTD on main supply			3 hrs	9/8/10	NA	9/8/10	218			MSG -1	
220	0%	Install RTD on main return			3 hrs	9/8/10	NA	9/9/10	219			MSG -1	
221	0%	Install pressure transmitter on high pressure LCW supply			4 hrs	9/9/10	NA	9/9/10	220			MSG -1	
222	0%	Install pressure transmitter on low pressure LCW supply			4 hrs	9/9/10	NA	9/10/10	221			MSG -1	
223	0%	Install pressure transmitter on LCW return			4 hrs	9/10/10	NA	9/10/10	222			MSG -1	
224	0%	Install pressure transmitter on main air supply			4 hrs	9/10/10	NA	9/13/10	223			MSG -1	
225	0%	Install trays and cables			3 d	9/13/10	NA	9/16/10	224			CBL	3
231	**0%**	**New Equipment Test**			**52 d?**	**7/26/10**	**NA**	**10/3/10**		**Ernst**			
234	0%				1 d?	7/26/10	NA	7/26/10					
235	**13%**	**SYSTEM MAINTENANCE**			**346 d?**	**8/10/09**	**NA**	**11/7/10**					
236	**28%**	**Beam Diagnostics**			**57 d**	**7/15/10**	**NA**	**10/1/10**		**Martin**			
237	**36%**	**SPEAR**			**57 d**	**7/15/10**	**NA**	**10/1/10**					
239	33%	Replace fan guards, B118, I&C cabinets			25 d	7/29/10	NA	9/1/10					
240	20%	Timing Cable installation, B117-12 to B130-412			1 d	8/26/10	NA	8/26/10				CBL	5
243	30%	Complete 358 MHz cable compensation chassis			6 d	7/15/10	NA	7/22/10					
244	10%	Install 358 MHz cable compensation chassis			2 d	7/22/10	NA	7/23/10					



Incomplete tasks with start date before 9/14/10

SSRL ACCELERATOR - 2010 SHUTDOWN

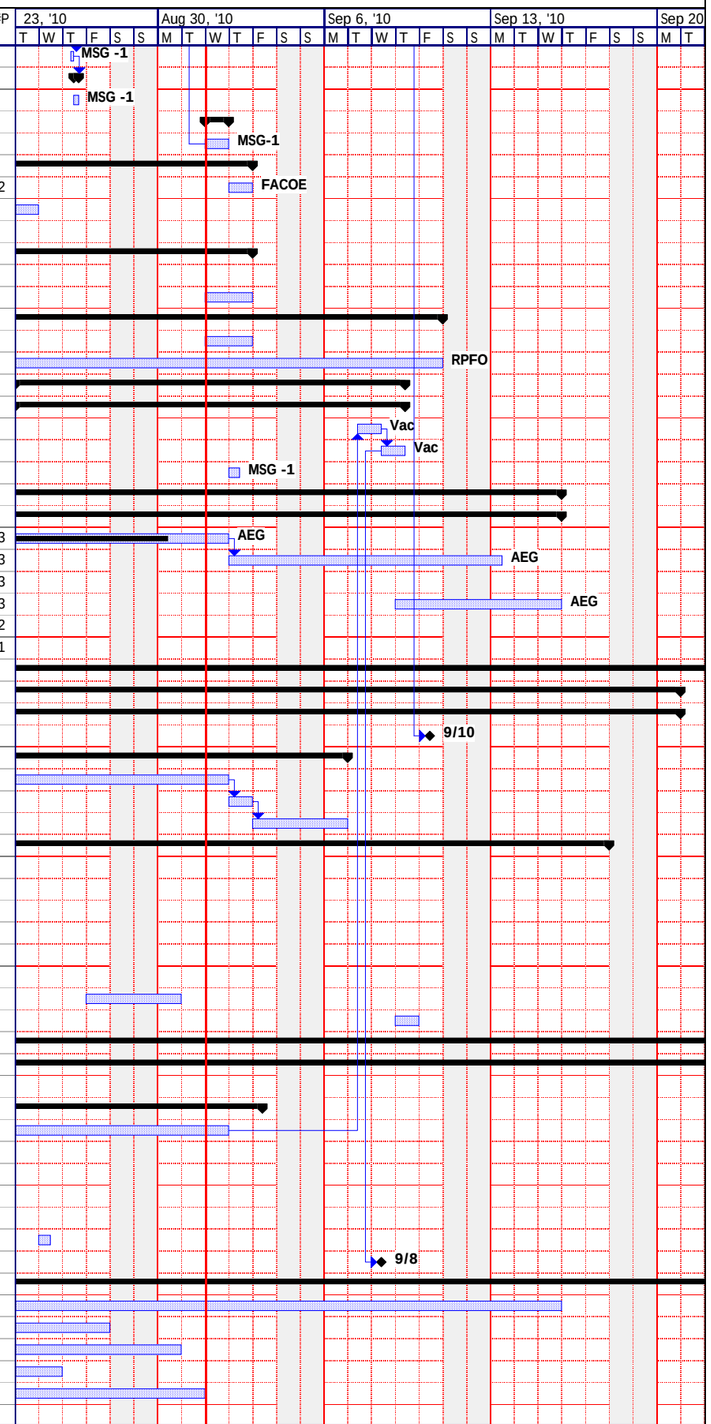
8/27/10

ID	% complet	Task Name	Safety Forms	Notes	Duration	Start	Actual Finish	Finish	Predec	Project Manager	Task person	Resource/Sh	#P
245	0%	Commission 358 MHz cable compensation chassis			26 d	7/23/10	NA	8/27/10					
248	50%	Fan cleaning, B116-101			15 d	8/9/10	NA	8/27/10					
250	0%	Fan cleaning, B132-102			15 d	8/9/10	NA	8/27/10					
251	0%	SCI calibration & cert. procedure			4 d	8/11/10	NA	8/16/10					
252	0%	TOSCI replacement & cert. procedure			2 d	8/16/10	NA	8/17/10					
253	0%	Return PTS500 for modification			2 d	7/19/10	NA	7/20/10					
254	0%	Photograph LO Driver chassis			1 d	8/16/10	NA	8/16/10					
255	0%	LION's pre-run testing			3 d	8/23/10	NA	8/25/10					
258	**0%**	**Booster**			**27 d**	**8/2/10**	**NA**	**9/7/10**		**Martin**			
259	0%	Install new cables to M.O.			4 d	8/2/10	NA	8/5/10					
260	0%	Install new Heliax cables, Booster to Linac			8 hrs	9/2/10	NA	9/2/10				CBL	5
261	0%	Install Booster/Linac synch chassis			7 d	8/12/10	NA	8/20/10					
262	0%	Commission Booster/Linac synch chassis			13 d	8/20/10	NA	9/7/10					
263	**26%**	**Linac**			**31 d**	**8/4/10**	**NA**	**9/15/10**		**Martin**			
264	**25%**	**Air conditioned rack installation**			**0.5 d**	**8/27/10**	**NA**	**8/27/10**					
265	25%	Install rack EQB, anchors in concrete	Penetration permit		4 hrs	8/27/10	NA	8/27/10		Ernst		MSG -1	
266	0%	Boltdown new rack, B140-111			3 d	8/4/10	NA	8/6/10					
269	25%	Install (4) CB in B140-107, with LOTO hasps	LOTO		3 d	8/10/10	NA	8/12/10					
270	70%	Install junction box			7 d	8/12/10	NA	8/20/10					
271	70%	Install 1 inch Liquitite			7 d	8/12/10	NA	8/20/10					
272	0%	Install rigid conduit			7 d	8/12/10	NA	8/20/10					
273	0%	Install & connect conductors	LOTO		2 d	8/20/10	NA	8/23/10					
274	0%	Install LLRF cables and equipment			17 d	8/24/10	NA	9/15/10					
275	**11%**	**LTB**			**46 d**	**7/15/10**	**NA**	**9/16/10**					
276	10%	Fabricate phase matched long-haul cables			4 d	9/6/10	NA	9/9/10		Martin			
277	0%	Fabricate matched RF jumpers			2 d	9/9/10	NA	9/10/10					
278	0%	Fabricate dB9 cable			1 d	9/13/10	NA	9/13/10					
279	0%	Install cables			1 d	9/14/10	NA	9/14/10					
281	0%	Pull LTB BPM cable			1 d	9/14/10	NA	9/14/10				CBL	5
282	30%	Complete LTD cable installation			4 hrs	9/2/10	NA	9/2/10					
283	30%	Order LR-BPM modules (2)			4 d	7/15/10	NA	7/20/10					
285	**0%**	**Magnet**			**33 d**	**9/2/10**	**NA**	**10/12/10**					
288	**0%**	**Insertion Devices**			**1 d**	**9/2/10**	**NA**	**9/2/10**					
289	0%	BL13 ID Vac Chb - height and straightness measurements		Aperture restriction?	1 d	9/2/10	NA	9/2/10		DellOrco		AEG	
291	**11%**	**Power Conversion**			**122 d?**	**6/2/10**	**NA**	**11/7/10**					
294	**0%**	**B140**			**39 d**	**7/27/10**	**NA**	**9/20/10**		**De Lira/Pl**			
298	0%	Decommission 2 of 4 smoke/heat detectors		Move from rack 103 to 104	4 d	7/27/10	NA	7/30/10			Ortiz		
299	**22%**	**SPEAR BLD 118**			**122 d**	**6/2/10**	**NA**	**11/7/10**					
300	0%	Install EPSC on 07G-ECD & 17G-ECD			14 d	9/13/10	NA	9/30/10		De Lira		PEM	1
301	0%	Upgrade & PM for BTS-B7H			14 d	8/17/10	NA	9/3/10		De Lira		PEM	1
302	65%	Preventative Maintenance (intermediate PS's)		*remove,update,test,reinstall	65 d	6/2/10	NA	10/20/10		De Lira		PEM	1
303	80%	Preventative Maintenance (Large PS's)			2 d	9/1/10	NA	9/3/10		De Lira		PEM	1
304	80%	Preventative Maintenance (Dipole PS's)			2 d	9/1/10	NA	9/3/10		De Lira		PEM	1
305	0%	Check correct cable tags for 118 PS systems			65 d	7/27/10	NA	10/20/10		De Lira		PEM	1
306	0%	Preventive Maintenance RF HVPS			2 d	8/23/10	NA	8/25/10		Lam		PEM	1
307	0%	Update firmware on EPAC in B118			20 d	7/27/10	NA	8/23/10		De Lira		PEM	1
308	0%	Check electrical connections B118 480V distibution boxes			9 d	7/27/10	NA	8/6/10		De Lira		PEM	1
310	**0%**	**Booster BLD 140**			**64 d?**	**7/27/10**	**NA**	**10/18/10**					
311	0%	Inj. & Ext. kicker PM			3 d?	9/1/10	NA	9/3/10		Beukers/PE		PP1	1
312	0%	Update firmware on EPAC in B140			20 d	7/27/10	NA	8/23/10		De Lira		PEM	1
316	0%	Install rack slides for PS			44 d	7/27/10	NA	9/26/10		De Lira		PEM	1
317	0%	Check and correct cable tags for PS systems			44 d	7/27/10	NA	9/24/10		De Lira		PEM	1
319	0%	General Clean up + (move kicker ps to trailer)			44 d	7/27/10	NA	9/24/10		De Lira		PEM	1
320	0%	Remove Boo inj & eject PFN cables		Booster roof, GJohnson / Cable sh	5 d	8/23/10	NA	8/27/10		Beukers		PEM	1
321	0%	Install shielding over old PFN cable holes			4 hrs	9/2/10	NA	9/2/10				MSG-1	
323	**60%**	**MECHANICAL**			**38.56 d**	**7/26/10**	**NA**	**9/16/10**					
324	**0%**	**Booster Magnet PM B2, B3, Q5, Q6**			**2.38 d**	**8/20/10**	**NA**	**8/24/10**		**Ernst**			
325	0%	Inspect magnet coils, water connections			3 hrs	8/20/10	NA	8/20/10				MSG -1	
326	0%	Replace LCW hoses			8 hrs	8/20/10	NA	8/23/10	325			MSG -1	
327	0%	Recondition electrical buss connections/clean add new Penitrox			8 hrs	8/23/10	NA	8/24/10	326			MSG -1	
328	**0%**	**SF6 Recovery System**			**1.44 d**	**8/25/10**	**NA**	**8/26/10**		**Ernst**			
329	0%	Connect line into system plumbing			0.5 hrs	8/25/10	NA	8/25/10				MSG -1	
330	0%	Install PRV's onto wageguide			1 d	8/25/10	NA	8/26/10	329			MSG -1	

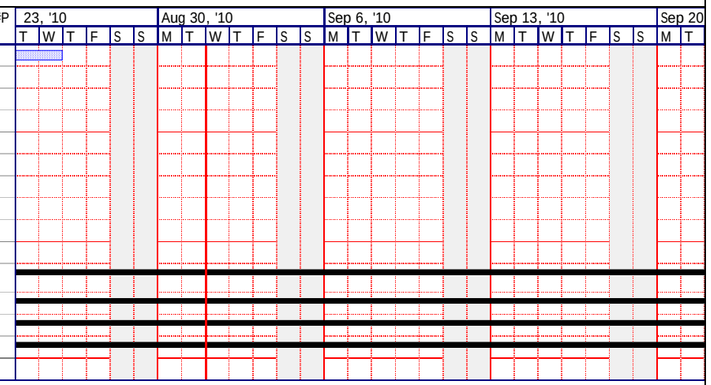
SSRL ACCELERATOR - 2010 SHUTDOWN

8/27/10

ID	% omplet	Task Name	Safety Forms	Notes	Duration	Start	Actual Finish	Finish	Predec	Project Manager	Task person	Resource/Sh	#P
331	0%	Test SF6 recovery system			3 hrs	8/26/10	NA	8/26/10	330			MSG -1	
332	**0%**	**SSRL Helium System Line/Hose Upgrade**			**0.5 d**	**8/26/10**	**NA**	**8/26/10**	**331**	**Ernst**			
333	0%	Replumb and install new hoses, leak check			4 hrs	8/26/10	NA	8/26/10				MSG -1	
347	**0%**	**INSERTION DEVICES**			**1 d**	**9/1/10**	**NA**	**9/1/10**	**346**	**Ernst. Del**			
348	0%	Install new limit switches/encoders and set position			1 d	9/1/10	NA	9/1/10				MSG-1	
349	**0%**	**MISC**			**29 d?**	**7/26/10**	**NA**	**9/2/10**					
350	0%	B140 RF HVPS circuit breaker - replacement	LOTO, WPC		1 d	9/2/10	NA	9/2/10		Park		FACOE	2
351	0%	Linac K3 overtemp fault troubleshooting			1 d	8/24/10	NA	8/24/10			Morris		
352	0%	BTS muliple trigger inhibit			1 d?	7/26/10	NA	7/26/10				Ortiz	
353	**0%**	**OPERATIONS GROUP**			**275 d**	**9/1/09**	**NA**	**9/2/10**					
354	0%	Plant maintenance B116, B132 HVAC			1 d	9/1/09	NA	9/1/09		Guerra			
355	0%	Move AC feed to MPS box B118 N. side from lighting ckt to better A			2 d	9/1/10	NA	9/2/10			Guerra/Avelino		
356	**0%**	**Protection Systems**			**15 d**	**8/23/10**	**NA**	**9/10/10**					
357	0%	Refurbish LINAC entry gate key lock.			2 d	9/1/10	NA	9/2/10		Horton	Horton		
358	0%	BSOIC - mod for noise reduction (calibrate at RP)			15 d	8/23/10	NA	9/10/10		Horton		RPFO	
359	**60%**	**RF**			**12.25 d**	**8/24/10**	**NA**	**9/9/10**					
360	**60%**	**SPEAR RF**			**12.25 d**	**8/24/10**	**NA**	**9/9/10**		**Sebek**			
365	0%	Replace NPCT (or drift tube)			1 d	9/7/10	NA	9/8/10	364,418			Vac	
366	0%	Pump down zone 5			1 d	9/8/10	NA	9/9/10	365			Vac	
367	0%	Plumb LCW to new section (replace NPCT)			3 hrs	9/2/10	NA	9/2/10				MSG -1	
368	**16%**	**SURVEY AND ALIGNMENT**			**184 d?**	**1/1/10**	**NA**	**9/15/10**		**Gassner**			
369	**17%**	**Zones 2, 3, 4, 5**			**184 d**	**1/1/10**	**NA**	**9/15/10**					
370	70%	Levelling (zones 2, 3, 4, 5)			9 d	8/20/10	NA	9/1/10				AEG	3
371	0%	Tie-in to beamlines			7.5 d	9/2/10	NA	9/13/10	370			AEG	3
372	0%	Mapping (zones 2, 3, 4, 5)			8 d	1/1/10	NA	1/12/10				AEG	3
373	0%	Data reduction			5 d	9/9/10	NA	9/15/10				AEG	3
374	0%	Magnet moves			8 d	1/27/10	NA	2/5/10	372FS+1			AEG[89%]	2
375	0%	HLS - maintenance		Any changes > James/Tom?	1 d?	8/16/10	NA	8/16/10				AEG	1
376	**2%**	**VACUUM**			**322 d?**	**8/10/09**	**NA**	**10/12/10**					
377	**32%**	**Linac**			**41 d**	**7/26/10**	**NA**	**9/20/10**					
378	**32%**	**LTB alignment**			**41 d**	**7/26/10**	**NA**	**9/20/10**		**Nalls**			
382	*0%*	*LTB chamber re-installation*			*0 d*	*9/10/10*	*NA*	*9/10/10*	*115SS*				
386	**32%**	**Phase shifter**			**18 d**	**8/12/10**	**NA**	**9/6/10**					
390	25%	Rebuild (replace lead screw/drive nut)			10 d	8/19/10	NA	9/1/10	389				
391	0%	Re-install phase shifter			1 d	9/2/10	NA	9/2/10	390				
392	0%	Pumpdown waveguide/linac			2 d	9/3/10	NA	9/6/10	391				
394	**5%**	**Booster**			**39 d**	**7/27/10**	**NA**	**9/17/10**		**Nalls**			
397	50%	Vent East str, rep 47-IP2	Pump repair in progress	Leave vented until 9/9	8 hrs	7/29/10	NA	7/30/10	396		Vargas/Jacobso		
398	0%	Possible BTS-B2 chamber removal			8 hrs	8/9/10	NA	8/9/10			Vargas/Jacobso		
399	0%	Repair leaky solenoid 01-IV1			2 hrs	8/11/10	NA	8/11/10			Vargas/Jacobso		
401	0%	Remove cavity Klystron for maint - vac data and IP cable remov			2 hrs	8/17/10	NA	8/17/10			Vargas/Jacobso		
402	0%	330 Booster ion gauge controller installation		11 new controllers to replace 307	3 d	8/19/10	NA	8/23/10			Vargas		
403	0%	Re-install cavity klystron			2 d	8/19/10	NA	8/20/10			Vargas/Jacobso		
404	0%	Klystron - new IP power supply installation		K1, K3, C-10	2 d	8/27/10	NA	8/30/10			Vargas/Jacobso		
405	0%	Pumpdown E. straight			1 d	9/9/10	NA	9/9/10			Vargas/Jacobso		
407	**99%**	**BTS**			**59 d**	**7/27/10**	**NA**	**10/12/10**		**Nalls**			
412	**2%**	**SPEAR**			**322 d**	**8/10/09**	**NA**	**10/12/10**		**Nalls**			
414	0%	Troubleshoot 09S-TSP2			2 hrs	7/26/10	NA	7/26/10			Pak/Bach		
417	**2%**	**RF Cavity**			**31.25 d**	**7/22/10**	**NA**	**9/3/10**		**Nalls**			
418	0%	Fab spool to replace NPCT			30 d	7/22/10	NA	9/1/10			Pak/Bach		
422	0%	RGA staying on cavity - fabricate support		Keep RGA - install holding IP?	17 d	7/27/10	NA	8/18/10			Pak/Bach		
425	0%	Check all RGA data cables			3 hrs	7/29/10	NA	7/29/10			Pak/Bach		
426	0%	Add IG cable to 8S9 RGA			2 hrs	7/29/10	NA	7/29/10			Ortiz/Pak		
427	0%	Troubleshoot 12S-IG1 under vacuum			4 hrs	7/30/10	NA	7/30/10			Ortiz/Pak		
428	0%	Rig survey zones 2, 3, 4, 5 vac data			4 hrs	8/25/10	NA	8/25/10			Ortiz/Pak		
431	*0%*	*Pumpdown zone 5*			*0 d*	*9/8/10*	*NA*	*9/8/10*	*366SS*		*Pak/Bach*		
434	**0%**	**Beamlines**			**175 d?**	**2/1/10**	**NA**	**10/1/10**		**Nalls**			
436	0%	Bend mag bellows mask - fab & install BL1, 2, 8, 3, 14			35 d	7/29/10	NA	9/15/10			Bach		
437	0%	BL2-1 M0 mirror slides upgrade			5 d	8/23/10	NA	8/27/10		JR Troxel			
438	0%	BL4 Comb Mask fab			151 d	2/1/10	NA	8/30/10			Pak		
440	0%	BL7 photon BPM He enlsr install			3 d	8/23/10	NA	8/25/10		Johnson			
442	0%	BL10-1 M1 mpf retrofit			7 d	8/23/10	NA	8/31/10		Brehmer			
443	0%	BL11 vac interspace bake			8 hrs	8/2/10	NA	8/2/10			Bach/Pak		



Incomplete tasks with start date before 9/14/10

SSRL ACCELERATOR - 2010 SHUTDOWN **8/27/10**

ID	% omplet	Task Name	Safety Forms	Notes	Duration	Start	Actual Finish	Finish	Predec	Project Manager	Task person	Resource/Sh	#P
444	0%	BL13 M1 mpf retrofit			3 d	8/23/10	NA	8/25/10		Brehmer			
445	0%	BL14 vac insterspace bake			8 hrs	8/3/10	NA	8/3/10			Bach/Pak		
446	0%	Vent BL14 comb mask - install gasket			8 hrs	8/4/10	NA	8/4/10			Bach/Pak		
447	0%	BL14-3 install (out alcove)		(Align to 14-3 pivot mask in alcove	1 d?	8/23/10	NA	8/23/10					
448	0%	Replace BL2-0IG3 filaments			8 hrs	8/5/10	NA	8/5/10			Bach/Pak		
450	**0%**	**Misc**			**24 d**	**7/20/10**	**NA**	**8/20/10**		**Nalls**			
451	0%	Mono emergency pumpdown kit			24 d	7/20/10	NA	8/20/10			Jacobson		
452	0%	Beam line emergency pump kit			24 d	7/20/10	NA	8/20/10			Nalls		
453	0%	Photo cathode installation			1 d	8/11/10	NA	8/11/10			Vargas/Jacob		
454	0%	Cleanroom filter installation			3 d	8/2/10	NA	8/4/10			Vargas/Jacob		
460	**0%**	**STARTUP**			**92 d?**	**7/27/10**	**NA**	**11/15/10**					
523	**0%**	**SPEAR**			**92 d?**	**7/27/10**	**NA**	**11/15/10**					
524	**0%**	**System readiness checks**			**66.5 d**	**7/27/10**	**NA**	**10/21/10**					
530	**0%**	**Mechanical**			**66.5 d**	**7/27/10**	**NA**	**10/21/10**		**Ernst**			
540	0%	RF mechanical interlock test			3 hrs	7/27/10	NA	7/27/10				MSG -1