

Note:

Entry into Accelerator housing:

- a) All entry by Controlled Access
- b) Valid Job Hazard and Mitigation Analysis (JHAM) required
- c) Tunnel Hazards Training required
- d) Review of SPEAR Tunnel Area Hazard Analysis (AHA)
- e) Review of SPEAR Lock Down and Verification
- f) Review of planned work to identify if Lock and Tag required

Work Authorization:

- a) Prior authorization and completed Job JHAM and AHA processes are required to work on accelerator systems.
- b) For Non-SSRL Workers at SSRL - implement Interim Work Authorization Process

Planning for Safety on the Job:

- a) Apply Integrated Safety and Environmental Management System

Accelerator Maintenance Day Tasks

1/10/2008

				Proj. Mngr	Shop	Task Person	Forms	(hr)
<u>1/10/2008</u>								
Injector	Mechanical	1.	Linac TCW system inspection, PM	Ernst	MSG	2 MSG Techs		4
Injector	Mechanical	2.	SLAC Riggers to remove 140 forklift for repairs	Ernst	MSG	2 MSG Techs, 2 SLAC riggers		2
		3.	SLAC Riggers to remove man-lift from 140					2
<u>1/14/2008</u>								
Access	Conditions:	4.	SPEAR access: 6:30 to 14:00					

Proj. Mngr Shop Task Person Forms (hr)

Accelerator Maintenance Day Tasks

1/14/2008

				Proj. Mngr	Shop	Task Person	Forms	(hr)
Access	Conditions:	5.	SPEAR - Power Supply Checks - 2 hrs after power restored					
Access	Conditions:	6.	OUTAGES:					
Access	Conditions:	7.	RSWCF Open: Linac roof access BL13 Fixed/Moveable Mask Adjustment					
Beamline	BL12-2	8.	Proposal: BL12-2 M0 Mirror Alignment Description: Perform horizontal alignment of BL12-2 M0 mirror	Harrington		L. Griffin, M. Rogers, B. Rutledge, D. Harrington, G. Card		3
Beamline	BL13	9.	Synchrotron radiation leakage through - fixed/moveable mask Maintenance period: Alignment checks and possible MM adjustment Close EPU for radiation tests AP: Test with beam Return EPU to full open gap	Rowen	Alignmen t/Vacuu m	H. Imfeld, J. McDougal, Neal, Peck, Rowen		
Beamline	Vacuum	10.	4-0 IG3 checkout. Controller reading '0'	Neal	Vacuum	Spector/Bach		.5
Beamline	Vacuum	11.	Leak check 9-2 MR1 (tentative)	Neal	Vacuum	Bach, Spector		2
Beamline	Vacuum	12.	BLs 4,13, 14 IV serial number verifications	Neal	Vacuum	Spetor		1
Beamline	Vacuum	13.	BL2,4,6,7,8,9,10,11 BPM (helium purged) Be window locations Verify helium flow devices and redline BL	Neal	Vacuum			
				Proj. Mngr	Shop	Task Person	Forms	(hr)

Accelerator Maintenance Day Tasks

1/14/2008

				Proj. Mngr	Shop	Task Person	Forms	(hr)
			functional drawings-Spector, Bach 1 hrs.					
Beamline	BL6-2	14.	BL6-2 m0 mirror LCW temperature control system install:			V. Borzenets, B. Johnson, C. Troxel.		
INJ/SPEAR	Vacuum	15.	In Alcove: Injector Booster Walkthru---Nalls .5 hr SPEAR Walkthru-----Pak .5 hr Beamline Walkthru-----Bach,Spector .5 hr	Neal	Vacuum			
Injector	Mechanical	16.	Booster ring mechanical inspections	Ernst	MSG	1 MSG Tech		1
Injector	Mechanical	17.	Access Linac roof for measurement of K1 waveguide	Ibarra			RSWCF	1
Injector	Vacuum	18.	Install cover on Bergoz toroid in the BTS. It was removed last maintenance day when the toroid was moved upstream a few meters and left it off to see the effect on the toroid signal.	Gierman	Vacuum	Nalls		.5
SPEAR	I&C	19.	1. Set up Tune Driver Amplifier for AP.	Martin		Sebek, Martin		
SPEAR	I&C	20.	2. Install/Remove Bergoz BPM spares from 132-102.	Martin		Martin		
SPEAR	I&C	21.	3. Relocate AC plug strip (fan control) into 132-102 rack.	Martin		Martin		
SPEAR	Power Supply	22.	Investigate lower limit on dipole power supply fan sensor.	Sekon	ESG	2		2
SPEAR	Power Supply	23.	Fix SPEAR 3 kicker 3 arcing.			2		4
				Proj. Mngr	Shop	Task Person	Forms	(hr)

Accelerator Maintenance Day Tasks

1/14/2008

			Proj. Mngr	Shop	Task Person	Forms	(hr)
SPEAR	Power Supply 24.	Relax input voltage requirement on the following power supplies: 05G-QF2 SN 10989 BTS Q9 SN 11044 16G-QD2 SN 10999 17G-QD1 SN 10979			2		2
SPEAR	BCS/PPS 25.	Open the SPEAR BCS/PPS interface chassis to see what modifications are necessary for top off testing coming up in about 1-2 months.	Horton				
SPEAR	Mechanical 26.	Mechanical Inspections	Ernst	MSG	1 MSG Tech		1
SPEAR	Mechanical 27.	Tube QFC vacuum chamber 16G WFS4 LCW circuit	Ernst	MSG	2 MSG Tech		6
SPEAR	Mechanical 28.	Perform RF HCW PM	Ernst	MSG	2 MSG Tech		4
SPEAR	Mechanical 29.	Read flows on QFC vacuum chamber 16G WFS4 LCW circuits	Ernst	MSG	2 MSG Tech		2
SPEAR	Insertion Device 30.	Install, calibrate and test BL13 Upper Gap Encoder	Dao	ESG	Dao, Rarback, Holmes, Wallters		6
SPEAR	Vacuum 31.	Out of Alcove: Re-configure injector ion gauge controllers in rack----Nalls 2 hrs. Inj. Emergency dewar relocation into BTS pump shack----Nalls 2 hrs.	Neal	Vacuum			
SPEAR	Vacuum 32.	BL13-0 IV1 TC (2ea) installation	Neal	Vacuum	Pak, Ortiz		1
SPEAR	Vacuum 33.	12S-IG1 troubleshoot	Neal	Vacuum	Pak, Ortiz		2

Proj. Mngr Shop Task Person Forms (hr)

Accelerator Maintenance Day Tasks

1/14/2008

				Proj. Mngr	Shop	Task Person	Forms	(hr)
SPEAR	Vacuum	34.	18G-IP-BL13 cable problem troubleshoot			Pak, Neal		1
SPEAR	Vacuum	35.	Take all SPEAR gauges (not 12S-IG1)off bypass	Neal	Vacuum	Pak		0.5
SPEAR	Facilities	36.	#106370 - Replace burn out T-40 lights inside the spear ring. There were 4 of them during the last visit.	Choi		Bayugo, Castillo		

Proj. Mngr Shop Task Person Forms (hr)