

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

Other:

- a) Gray entry doors to SPEAR housing to be kept closed - to preserve temperature stability of Accelerator

Accelerator Maintenance Day Tasks

4/30/2007

			Proj. Mngr	Shop	Task Person	Forms	(hr)
Access	Conditions:	<input type="checkbox"/>	1. SPEAR access: 6:30 to14:00				
		<input type="checkbox"/>	2. SPEAR - Power Supply Checks - 2 hrs after power restored				
		<input type="checkbox"/>	3. OUTAGES:				
		<input type="checkbox"/>	4. RSWCF Open:				
Beamlines	BL12-2	<input type="checkbox"/>	5. BL12-2 M0 mirror - to try to mitigate mirror				

Accelerator Maintenance Day Tasks

4/30/2007

				Proj. Mngr	Shop	Task Person	Forms	(hr)
			instability, as detailed below:					
			1. M0 inspection: Dan Harrington, Tom Rabedeau, Mike Soltis (20 min.)					
			2. M0 yaw piezo installation: Dan Harrington, Ted Gathright, Bill Fukuba (1 hour)					
			3. M0 yaw piezo cable installation: Abe Maciel, Andy Prado (45 min.)					
			4. M0 thermal shroud installation: Dan Harrington, Dave Wenger, John Ward (1.5 hours)					
			5. M0 thermal stabilization system installation: Dan Harrington, John Ward (45 min.)					
Injector/SP EAR	Mechanical	<input type="checkbox"/>	6. Mechanical systems inspection	DiMattia	MSG	1 Tech		1
Injector	Booster RF	<input type="checkbox"/>	7. Repair Booster RF Gen & Timing Modulator SN/02. Tune SN/02 system.	Martin				
Injector	Timing System	<input type="checkbox"/>	8. Modify Injection Bucket Timing Control Chassis SN/ 01. Tune SN/01 system.	Martin				
Injector	Vacuum - in alcove	<input type="checkbox"/>	9. Injector Booster Walkthru	Neal	Vacuum	Nalls		0.5
SPEAR	BL12 Insertion Device	<input type="checkbox"/>	10. Swap out BL12 Insertion Device controller with an upgraded FPGA code controller	Dao	ESG	Dao & Wallters		.5
SPEAR	BL13	<input type="checkbox"/>	11. Locate the anchor points for the BL13	Rowen	MEA			
				Proj. Mngr	Shop	Task Person	Forms	(hr)

Accelerator Maintenance Day Tasks

4/30/2007

			Proj. Mngr	Shop	Task Person	Forms	(hr)
	Undulator	insertion device in 17S					
SPEAR	Mechanical	<input type="checkbox"/> 12. R&D, plumb tube restrictions onto BL-11 front end water distribution panel with return boost pump off	DiMattia	MSG	2 Techs		8
		<input type="checkbox"/> 13. Check status on recently tripped and reset flow switch circuits, BL-8 WFS1, G16-WFS4, BL4-WFS7			1 Tech		2
SPEAR	RF	<input type="checkbox"/> 14. Remove & replace LCW pressure relief valve for the RF power supply	DiMattia	MSG	1 Tech		2
SPEAR	Vacuum - in alcove	<input type="checkbox"/> 15. SPEAR Walkthru-----Pak .5 hrs	Neal	Vacuum	Pak		0.5
		<input type="checkbox"/> 16. Beamline Walkthru			Bach/Spect or		0.5
		<input type="checkbox"/> 17. G14 Cable tray floor crane access insp.			Neal/Bach		0.2
SPEAR	Vacuum - out of alcove	<input type="checkbox"/> 18. 12S IG controller replacement	Neal	Vacuum	Pak		1
		<input type="checkbox"/> 19. Ion Pump PS Fan Inspection 118 10A					1
		<input type="checkbox"/> 20. 18S-IG-RF4 Controller replacement					1

Proj. Mngr Shop Task Person Forms (hr)