

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

2/5/2007

				Proj. Mngr	Shop	Task Person	Forms	(hr)	
Access	Conditions:	<input type="checkbox"/>	1.	SPEAR access: 6:30 to 14:00					
				Injector access - 6:30 to 10:00					
				No Access - Linac & Booster for LINAC RF TESTS from 10:00 ON					
		<input type="checkbox"/>	2.	SPEAR - Power Supply Checks - 2 hrs after power restored					
		<input type="checkbox"/>	3.	OUTAGES: None					

Accelerator Maintenance Day Tasks

2/5/2007

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Access	Conditions:	<input type="checkbox"/> 4.	RSWCF Open:					
Beamlines	BL10-2	<input type="checkbox"/> 5.	Inpect 10-2 m0 mirror	Johnson, B	BLD	Marks, Johnson	None	
Beamlines	BL12	<input type="checkbox"/> 6.	Plastic bag installations Out of Alcove	Neal	Vacuum	Spector/Ba ch	None	1
Beamlines	BL2-2	<input type="checkbox"/> 7.	Troubleshooting/repairing the BL2-2 hutch stoppers. Out of alcove.	Troxel (JR)	BLOPS		RSWCF	
Beamlines	BL7-2	<input type="checkbox"/> 8.	BLD is installing a thermal 'skirt' around the 7-2 mirror & adjusting the 7-2 mirror bender.	VanCampen	BLD	Wenger, Fukuba, Borzenets, VanCampen	None	
Beamlines	BL8-2	<input type="checkbox"/> 9.	BL8-2 Linear Feedthru Installation Out of Alcove	Neal	Vacuum	Bach,Spect or	None	5
Beamlines	Vacuum	<input type="checkbox"/> 10.	Beamline Walkthru	Neal	Vacuum	Bach, Spector	None	.5
		<input type="checkbox"/> 11.	Beryllium Window - inventory locations throughout the lab Out of Alcove			Jacobson	None	4
Facilities		<input type="checkbox"/> 12.	Per SLAC CEF punch list for SSRL 12KV Cable Replacement project completed last November.	Chan-Hui	CEF			

Proj. Mngr Shop Task Person Forms (hr)

Accelerator Maintenance Day Tasks

2/5/2007

				Proj. Mngr	Shop	Task Person	Forms	(hr)
			<p>Punch list items in the list scheduled for Rosendin Feb-05-07.</p> <p>All the required works will be just inside Utility MH 22 and shall not involve with large cable adjustments. Therefore, we believe that Rosendin can perform the correction without taking a power outage. This work shall not impact the normal operation in SSRL.</p>					
Injector	Facilities	<input type="checkbox"/> 13.	Install TC monitoring on outlet duct of HVAC in B140	Widmeyer	ED&M	Ortiz, Wallters	None	
Injector	I&C	<input type="checkbox"/> 14.	Punch 1 holes at top of rack B140-321 for grommet installation.	Martin	ED&M	Taylor	None	
		<input type="checkbox"/> 15.	Terminate and phase match Tune Monitor LMR cables in Booster -			Martin, Theobald, Wachter	None	
Injector	Linac Klystron	<input type="checkbox"/> 16.	Linac/Booster - NO ACCESS	Schmerge	Klystron Group		None	
			<p>Klystron group try to increase K2 output power (the tube is generating 38 MW and is supposed to produce 60 MW).</p>					
Injector	Mechanical	<input type="checkbox"/> 17.	Mechanical inspections	Ernst	MSG	1-MSG tech	None	1
		<input type="checkbox"/> 18.	Review BTS for future upgrades,			Ernst,	None	1
				Proj. Mngr	Shop	Task Person	Forms	(hr)

Accelerator Maintenance Day Tasks

2/5/2007

				Proj. Mngr	Shop	Task Person	Forms	(hr)
						DiMattia		
Injector	Power Supply	<input type="checkbox"/> 19.	Booster QF's shunt installation. 2hrs	Rafael	ESG		LOTO	2
Injector	Vacuum	<input type="checkbox"/> 20.	Walkthru	Neal	Vacuum	Nalls	None	.5
SPEAR		<input type="checkbox"/> 21.	<p>BPM's:</p> <p>1. Check for bad BPM button in SPEAR. TDR test cable 01G-BPM2-OL.</p> <p>2. Remove Echotek RF/IF crate B116-R06, tighten internal connectors, re-install crate.</p> <p>3. Remove Echotek RF/IF crate B116-R05 for use in lab testing.</p>	Martin	ESG	Martin, Wachter, Sebek	None	
SPEAR	Alignment	<input type="checkbox"/> 22.	<p>1) Reset laser tracker and post a laser sign.</p> <p>2) Quad alignment measurement G12 and G13</p>	LeCocq	MEA		None	2
SPEAR	Beam Stability	<input checked="" type="checkbox"/> 23.	TC connection for 13GR1Ch2, weather permitting.	Widmeyer	ED&M	Ortiz	None	
SPEAR	BL13	<input type="checkbox"/> 24.	Finalize the cable route for BL4 and BL13 IDs	Dao	ESG	Theobald & Dao	None	2
SPEAR	Controls	<input type="checkbox"/> 25.	- SPEAR control network switch replacement, give it 1 hour.	Clemens	ADC	Clemens	None	1.5
				Proj. Mngr	Shop	Task Person	Forms	(hr)

Accelerator Maintenance Day Tasks

2/5/2007

				Proj. Mngr	Shop	Task Person	Forms	(hr)
			- SPEAR firewall swap, give it 30 minutes.					
			Both tasks will disrupt the running control system.					
SPEAR	Insertion Device BL12	<input type="checkbox"/> 26.	Eliminate BL12 ID header crosstalk (Ernst, Swanson)	Ringwall	MSG	1-MSG tech	None	3
			1)BEFORE THE DOWN, record values of TC's S09R1C9 and S09R1C10 at 7 mm gap and record Spear current					
			2)Remove BL12 ID header, saw cut in half per redline, reinstall					
			3)After start up, record values of TC's S09R1C9 and S09R1C10 at 7 mm gap and same current as step 1, send TC before and after values to Harrington and Ringwall.					
SPEAR	Mechanical	<input type="checkbox"/> 27.	Mechanical inspections	Ernst	MSG	1-MSG tech	None	
		<input type="checkbox"/> 28.	Install sound deadening material to RF LCW piping			2-MSG techs	None	3
		<input type="checkbox"/> 29.	Read RF cavity LCW flows w/return pump off				None	2
SPEAR	PPS	<input type="checkbox"/> 30.	Install readout cable for powering spare BSOIC (B118)	Widmeyer	ED&M	Ortiz	None	
				Proj. Mngr	Shop	Task Person	Forms	(hr)

Accelerator Maintenance Day Tasks

2/5/2007

				Proj. Mngr	Shop	Task Person	Forms	(hr)
SPEAR	RF	<input type="checkbox"/> 31.	Spear RF VXI rack AC replacement by HVAC at B132-101 Rack 11, 08:00	Park	CEF		WAF	
SPEAR	Vacuum	<input type="checkbox"/> 32.	SPEAR Walkthru	Neal	Vacuum	Pak	None	.5
		<input type="checkbox"/> 33.	In Alcove			Ortiz, Pak	None	
			9S-IG1 Controller move to zone 3 Ortiz/Pak 2.0 hrs					
			9S-IG2 Long cable troubleshoot, Ortiz/Pak 1.5 hrs					
			9S-IG1, 9S-IG2 configured to read proper gauges, Ortiz\Pak 1.5 hrs					
			Captar Labels installed on BL12 pumps and gauges, Ortiz/Pak 1.0 hrs					
			9S-IG1, 9S-IG2, 10G-IG-BL12 need ground cables, Ortiz/Pak 1.0 hrs					

Proj. Mngr Shop Task Person Forms (hr)