

**\*\* SPEAR/Beamline Maintenance list for Monday 2/10/03 \*\*****Guidelines for the SPEAR 8 hour maintenance/down period.**

- Beam dumped at 06:00 for maintenance.
- Access ~06:30
- Lock & Tag as necessary upon entry.
- Remove L&T upon leaving!
- Check in with Operations prior to access and after access.
- Inform SPEAR operations of status maintenance task at end of each day.
- The Accelerator Systems Managers MUST be involved with all activities related to their systems.
- SPEAR Operations & Accelerator System Managers MUST confirm that systems are ready for operations prior to 14:00 on Monday

**\*\* SPECIAL instructions:**

**IMMEDIATE** action on ES&H Bulletin #60 is required. Supervisors must:  
 1) Verify that personnel under their supervision are using ladders in keeping with SLAC requirements. This verification should include field observation of ladder use as soon as possible based on the schedule of ladder work.

	<b>SP3:</b>		
1.	Open power supplies in B118 to inventory capacitors in preparation for SPEAR 3 demolition work slated to start soon.	Scharfenstein, Evans, Shewchuk, Bellomo, Widmeyer	10 - 12
	<b>SPEAR Access is required for the following</b>		
1.	Contractor Site Visits (SPEAR Ring): <ul style="list-style-type: none"> <li>• Concrete Floor -</li> <li>• Rigging -</li> <li>• SPEAR3 LCW( West Pit, East Pit, North and South Arcs) -</li> </ul>	Choi, et al Scott, et al	9:30-10:30 11:00-12:00 11:00-1:00
2.	Access West pit to look at the area where SP3 cavities will be placed and to measure cable run requirements.	Alan Hill, Peter McIntosh and Richard Boyce	
3.	PPS documentation work (two hours)	Lessard	
4.	Walk down for cable tray and cable locations	Fuller	
5.	Decommissioning Review <ul style="list-style-type: none"> <li>• Review removal sequence for lead bricks and mechanical items.</li> <li>• Finalize vacuum removal sequence.</li> <li>• Beam Lines - in alcove</li> </ul>	Ernst, Li  Morales, Li Wiertel, Neal	3 hr

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6.	Inspect Insertion Devices for installation of 'Run-Safe' switch. Inspect BL6 Wiggler Magnet	Anzur, Dao Ringwall	1 hr
7.	Inspect BL6 Wiggler Magnet	Ringwall	1 hr
8.	Torroid Cable Termination: run cables (~25 feet) from Preamps to BTS-125 housing.	Cliff Rogers/ Greg Johnson	
9.	SPEAR 3 Klystron piping ultrasound flow test,	Woodcock, DiMattia, Ernst	2 hr
10.	SPEAR 3 klystron Bldg. waveguide air line.	N. Horton, Woodcock	6 hr
11.	SPEAR 2 Removal review,	Ernst, Li	3 hr
12.	Install missing block numbers, straight sec numbers on outside shielding blocks	Dominguez, DiMattia	4 hr
13.	Access for material take offs, check some areas for the power distribution work (block removals), that will occur at the beginning of shutdown. Verify some circuits originating in b118 that to the ring.	Electrician, Shewchuk	7:30-1:30
	<b>Controls:</b>		
1.	Test network switch. This means an outage for the whole SPEAR control system. For planning purposes I would say, there will be no control system available from 9am to 12.	Clemens Wermelskirchen	9-12
2.	Install security patch - control system will not be available for ~1 hour after the 9am meeting.	Rarback	1 hr
	Terminate the BTS ACM cables. Time approximately.	SLAC, Johnson	7:30 - 9:30
	<b>MSG:</b>		
	SPEAR:		

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1.	Mechanical Inspections	Huber, Horton	1 hr
2.	Label roof blocks for removal		
	SPEAR ring mechanical inspections,	Woodcock	1 hr
	<u>Injector:</u>		
5.	Mechanical Inspections	Huber, Horton	1 hr
	<b>Vacuum:</b>		
1.	Vacuum visual walkthru SPEAR 2 and Beamlines	Neal, Wiertel	1 hr
2.	RGA and cable removal from BL11 lead enclosure area in B131.	Hollenbeck, others TBD	2 hr

<http://www-ssrl.slac.stanford.edu/ets/Schedules/SPMaint/M02-10-03.pdf>