

**\*\* SPEAR/Beamline Maintenance list for Monday 03/03/03 \*\*****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:****\*\* ES&H Reminders:**

- Lock Out Tag Out as necessary
- Outside contractors complete SLAC Pre-Work Hazard Analysis Form

	<b>SP3:</b>		
1.	Install steel seismic bracing on the outside of the SPEAR ring east pit maze door. About 10 holes will need to be drilled for bolts.	Harris Construction, Folger	4 hr
2.	Document the cables that need to be removed from the ring for the 8S9 cavity.	Wachter, Sebek	1 hr
3.	Alignment: <ul style="list-style-type: none"> <li>• Removal of all L brackets and associated CERN sockets attached to the rafts in the ring.</li> <li>• Leveling of Q6 in the BTS.</li> </ul>	Alignment, LeCocq	6 hr
4.	Document ID support system	Anzur, Trautwein	2 hr
5.	Cable tagging	PCD, Widmeyer	4 hr
6.	Beam profile monitor screen/camera rework	Calloway	4 hr
7.	<ul style="list-style-type: none"> <li>• Document/verify the electrical wiring for the Insertion Device for SPEAR 3 installation.</li> <li>• Identify cables for the Insertion Device to be pulled back.</li> </ul>	Dao	4 hr  1 hr
8.	<ul style="list-style-type: none"> <li>• Measurements and finalization of electrical work.</li> <li>• Drilling for anchors for the temporary jumpers.</li> </ul>	Shewchuk	

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9.	<ul style="list-style-type: none"> <li>Replace SPEAR3 LCW 4inch Y-strainer</li> <li>Conduct SPEAR3 LCW Klystron Pressure Reducing Valve Test</li> </ul>	Woodcock, Ernst, Nzeadibe	1 hr 1 hr
10.	PPS documentation work	Lessard	
13.	Identify cables for the Insertion Device to be pulled back for SPEAR 3 installation.	Dao	1 hour
14.	<ul style="list-style-type: none"> <li>Vacuum Group visual walkthrough, keying BL and SPEAR components.</li> <li>Radiation Physics checkout of girder sections that must be hack saw cut during initial decommissioning phase.</li> <li>Review SPEAR2 decommissioning tasks and scenarios.</li> <li>SPEAR2 orientation walkthrough with new decommissioning staff.</li> <li>Beam Line removals review.</li> </ul>	Neal, Wiertel RHP, Morales, Evans Li, Neal, Morales, et al PEP Vac Grp Support, Neal, Morales Wiertel, et al	.5 hr 1 hr 2 hr 1 hr 3 hr
15.	Label BTS vacuum components in SPEAR for the SPEAR 3 upgrade.	Nalls	1 hr
16.	Remove ID covers: S. Arc - 7S8 BL6 wiggler, 6S7 BL5 wiggler, 3S4 BL11 wiggler N. Arc - 11S12 BL9, 12S13 BL10	DiMattia, J. Guerra, N. Horton, Dominguez, Woodcock, French	7 hr
	SP-2 removal review	Ernst, Nanyang	2 hr
	<b>Electrical:</b>		
1.	Investigate QFA ground fault.	Widmeyer	4 hr
	<b>MSG:</b>		
	<b>SPEAR:</b>		
1.	Mechanical Inspections	Woodcock	30 m
	<b>Vacuum:</b>		
1.	Vacuum visual walkthru SPEAR 2 and Beamlines	Neal, Wiertel	1 hr