

**** 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

	SP3:		
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"> • Removal of all L brackets and associated CERN sockets attached to the rafts in the ring. • Leveling of Q6 in the BTS. 	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"> • Document/verify the electrical wiring for the Insertion Device for SPEAR 3 installation. • Identify cables for the Insertion Device to be pulled back. 	Dao	4 hr 1 hr
8.	<ul style="list-style-type: none"> • Measurements and finalization of electrical work. • Drilling for anchors for the temporary jumpers. 	Shewchuk	

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9.	<ul style="list-style-type: none"> Replace SPEAR3 LCW 4inch Y-strainer Conduct SPEAR3 LCW Klystron Pressure Reducing Valve Test 	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"> Vacuum Group visual walkthrough, keying BL and SPEAR components. Radiation Physics checkout of girder sections that must be hack saw cut during initial decommissioning phase. Review SPEAR2 decommissioning tasks and scenarios. SPEAR2 orientation walkthrough with new decommissioning staff. Beam Line removals review. 	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
	Electrical:		
1.	Investigate QFA ground fault.	Widmeyer	4 hr
	MSG:		
	SPEAR:		
1.	Mechanical Inspections	Woodcock	30 m
	Vacuum:		
1.	Vacuum visual walkthru SPEAR 2 and Beamlines	Neal, Wiertel	1 hr