

**** SPEAR/Beamline Maintenance list for Tuesday 2/17/04 ******Guidelines for the SPEAR 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 the 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 Tuesday

**** SPECIAL instructions:****** ES&H Reminders:**

SPEAR Lock up and Search		3 pm
Startup:		
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BL:		
Facilities:		
Controls:		
Electrical:		
1. Install cable for beam bunch length measurement:	Don Martin, Wallters	.5 hr
2. BL5 ID:	Dao, Wallters	
3. Thermocouple (01G-TRP1 and 07G TRP3):	Ortiz, Avilla-Kintz, Theobald	
4. IG investigation:	Ortiz and VAC	
5. White Circuit: Pulse Choke tighten the internal bolts and measure natural frequencies. Dell'Orco, MSG, and EDM,	Johnson, Taylor	
6. LION: Replace LION Cable terminators (pending receipt of parts):	Johnson	
MECHANICAL:		

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1.	Mechanical inspections	Eddie Guerra)	.5 hr
2.	EPU repairs look at LVDT for possible problems	Poling, Ernst	3 hr
3.	Measure BL-5 insertion device for cover	Poling	.5 hr
4.	Flow readings on QFC chamber LCW circuits,	Guerra	1 hr
5.	Choke maintenance (Injector Pulse Enclosure access needed)	Dellorco, Ernst, Guerra	3 hr
	RF:		
	Vacuum:		
1.	1. SP3: Ring walkthrough, visual inspection of BL's and Accelerator vacuum systems.	Pak, Jacobson	.5 hr
2.	SP3: Investigate vacuum bellows T/C readouts that are not reading.	Ortiz, Morales	2 hr
3.	SP3: Investigate vacuum bellows T/C readouts that are not reading.	Ortiz, Morales	2 hr
4.	Injector BTS: Replace another leaky vacuum hose (requires venting the BTS vacuum section)	Nalls et al	2 hr