

**\*\* SPEAR/Beamline Maintenance list for Tuesday 2/10/04 \*\*****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  Startup: • -		3 pm
	<b>BL:</b>		
	Install vinyl bellows covers.	JR	
	<b>Facilities:</b>		
	<b>Controls:</b>		
1.	Reboot prymatt (solaris machine used by SPEAR RF).	Allison	10-11am
	<b>Electrical:</b>		
1.	1) Beam current monitor sub-harmonic evaluation ( ~ 4 hrs)	Wachter	6 hr
2.	1) Optimize motor speed and acceleration time for BL4, BL5 & BL7	Wallters, Dao	3 hr
3.	Photon BPM signal processing check Test tone cables ID check	Wachter	5 hr 2 hr



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5.	Booster:- investigation of White Circuit noise/vibration	Dellorco	
	<b>RF:</b>		
	<b>Vacuum:</b>		
1.	SP3: Ring in-alcove walkthrough, visually inspect BL's and Accel. vacuum systems.	Pak, Wiertel	.5 hr
2.	SP3: Replace Ion Pump PS circuit boards to "fix" analog readback problems.	Pak, Ortiz, et al	4 hr
3.	SP3: Continue vacuum system component labelling.	Pak	1 hr
4.	SP3: Add bellows TC's or review TC additions	Jacobson, Pak, Kurita	1 hr
5.	5. SP3: Prepare for IP pump tests on fully instrumented girders 3 and 14.	Pak, Kurita, Morales	1 hr
6.	SP3: Check RGA RocketPort card and configure software	Rarback, Morales, Pak	2 hr
7.	Inj. BTS: Repair leaky vacuum hose clamp (requires venting the BTS vacuum section).	Nalls	?--4 hr
8.	BL's 4, 5, 6: Verify vacuum component nomenclature, label components accordingly.	Jacobson, Neal	3 hr
9.	BL's: Continue Functional Diagram updates.	Wiertel, Neal	3 hr