

**\*\* SPEAR Maintenance 7/12-13/04 \*\***

			Dur.	Mon	Tues
	RSWCF:				
	Outages:				
	SPEAR: Ring Access Lock up and search\ LIONS testing (Mon swing) Open ring Lock up and search			6:15am 3:00pm	6:00am 2:00pm
	<b>BL:</b>				
	<b>Facilities:</b>				
	<b>Controls:</b>				
	<b>ELECTRICAL:</b>				
	Transfer thermocouple to SR exit port flange	EDM, Vac, Scott	2		
	<b>MECHANICAL:</b>				
1.	Mechanical inspections		.5	x	
2.	Measure for BL-5 ID cover extension & drive system cover	Poling	3	x	

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3.	SPEAR 3 phase II shielding: <ul style="list-style-type: none"> <li>• Shielding for S-18 [ Requires mods in the ring during its install]</li> <li>• Bl 4,6,7 Wigglers Chamber shielding</li> <li>• S-4 Down stream bellows shielding</li> <li>• S-1 scraper shielding</li> </ul>	DiMattia, et al	32	x	X
3.	LCW flow checks	Ihi, MSG	3		
	<b>MPS/PPS:</b>				
	<b>RF:</b>				
	<b>Vacuum:</b>				
1.	SP3: Ring walkthrough, visual inspection of Accelerator and BL vacuum systems.	Pak, Jacobson, Wiertel	1	x	
2.	SP3: Install IP feedthrough protective covers.	Pak, Ibarra, Morales	3		
3.	SP3: Support EDM Group in troubleshooting IG readback errors?	Pak, Morales			
4.	SP3: Review setup of BL FE IP Power Supplies for next high energy run.	Pak, Morales	1		
5.	SP3: Install LN2 boiloff line tubing at specific Z-locations at each Vacuum Zone for rapid "controlled vent" possibility.	Pak, Morales	3		
6.	SP3: Review RF cavity B window replacement requirements.	Pak, Morales	1		
7.	SLM: Test fit new lead restraints.	Wiertel	1		
8.	BL's: Review alternatives to correct BL IG readbacks that indicate "0" with beam (BL's 10 and 8).	Wiertel, Morales	1		

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9.	BL6: Review 6-2 M0 chamber and spool removal requirements (prep for Shutdown).	Jacobson	1		
10.	BL10: Review 10-2 IV1 straight thru valve replacement requirements (replacement due FY04 Shutdown?).	Wiertel	1		