

**** SPEAR/Beamline Maintenance list for Monday 11/12/01 ******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!
- Checkin 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:**

	SP3:		
1.	Inspection and measure BTS area.	Boyce, et al	2 hr
	BL:		
1.	Investigate faulty readout on 2-0IG2 ion gauge.	Wiertel	1 hr
2.	Remove old cabling from BL1.	Yott	2 hr
3.	Adjust BL6-2 mirror bender.	Wiertel, JR, Vacuum	2 hr
4.	Confirm permanent magnet polarity on BL1 & BL2.	Ringwall	30 min
5.	Check BL9-0 IG4, reposition cables, etc.	Yott, Wiertel	1 hr
6.	BL9, in alcove:- LVDT installation; limit switch replacement; dust covers on slits and M0 mirror movers.	Rabedeau. et al	4 hr
7.	Attach the 10-1 mirror mover supports to the support frame.	Wiertel	30 min
	Controls:		

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	Electrical:		
1.	Check actuators and cabling related to BL6 ID cross talk.	Taylor	4hr
2.	Check BL9 ID Control System (requires SP Control System).	Wallters, Dao	6hr
3.	BTS Power Supplies:- Captar labeling of magnets; Insulation of BTS PS busses in racks 310 & 311.	Johnson	4hr
	Engineering:		
1.	Review design of spool section to replace 10S11 RF Cavity.	Anzur, Boyce, Scott	45 min
2.	Review design of Front End isolation and fast valves for BLs 1 & 2.	Anzur, Scott	45 min
	Facilities:		
	MSG:		
1.	SPEAR: Mechanical Inspections.	Huber, Horton	1 hr
2.	Check BL9 crotch flow switch.	Woodcock	1 hr
3.	Check WIS1 Scraper girder 1 flow switch.	Woodcock	1 hr
	PPS:		
	Vacuum:		
1.	Visual inspection and walkthrough, SPEAR and Beamlines	Wilson, Neal	1 hr