

# Accelerator Maintenance Day Tasks

12/12/2005

				Dur. (hr)	6	7	8	9	10	11	12	1	2	3	4
Access	Schedule/Conditions	SPEAR - Power Supply Checks												X	X
		SPEAR - Controlled Access			X	X	X	X	X	X	X	X	X	X	
		OUTAGES:													
		RWSCF Open:													
		a) Test Stored Current Interlock	Martin												
Beam Lines	BL2	1. Prepare for operations --	Hostetler												
Beam Lines	Hutch Stoppers	2. BL1-4 - improve stopper motion	C. Troxel				X	X	X						
Beam Lines	Vacuum	3. BL6-2--Remove BTM/Aperture Alignment Gauge.	M. Jacobson	.5											
		4. All BL's--Complete pre-startup vacuum checkouts.	T. Neal, L. Wiertel, M. Jacobson, R. Bach	6		X	X	X	X	X			X		
		5. BL6-2--Replace BTM gas line needle valve.	M. Jacobson	1											
Injector	Booster Magnet	1. Label magnets with power PS name	Taylor, Widmeyer	4	X	X	X	X							
Injector	Mechanical	2. Inspections	MSG, J. Guerra	.5	X										
Injector	Network	3. Upgrade network in B140.	H. Prado, et al	.5		X									

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Injector	Vacuum	4. Complete pre-startup vacuum checkouts.	M. Nalls	2													
SPEAR	Beam Diagnostics	1. Test spare Tune/Bunch Monitor	Martin	2													
		2. Test Stored Current Interlock (SCI) current ramping circuit.	Martin	2													
SPEAR	Insertion Device	3. Rewire limit switch for BL7 ID for 2 Tesla operation.	ED&M	3		x	x	x									
		4. Remove BL-7 ID hard stops, set full in-limits, check 500ma shielding clearance.	MSG, R. DiMattia, G. Woodcock	8	x	x	x	x	x	x			x	x			
		5. BL-5 EPU check out & LVDT calibration	MSG, B. Poling, J. Guerra	6		x	x	x	x	x			x				
SPEAR	Mechanical	6. Inspections	MSG, J. Guerra	.5	x												
SPEAR	PPS	7. Replace PPS light ballasts in SPEAR	Lessard, Horton														
		8. Certify BL9-0 PPS	Lessard, Horton														
		9. Certify BL10-2	Lessard, Horton														
		Cerify BL2-1 PPS	Lessard, Horton														

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SPEAR	PPS	Certify BL2-3 PPS	Lessard, Horton												
SPEAR	RF	Investigate tuner motion (sticking) - check alignment of tuner mechanism. Control from RF control panel.	J. Sebek	1											
		Calibration of the low level electronics in the electronics rack in B132-101.	J. Sebek	1											
		Waveguide - perform certification (pressure bleed down test)	J. Sebek	2											
SPEAR	SLM	Inspect vacuum port at cold finger for future installation of 60L/S ion pump.	Morales Bach Nalls Ringwall	2			x	x							
SPEAR	Vacuum	Install cable for 03F-TRP to monitor BL5 ID	Ortiz	4			x	x							
		Re-distribute Vacuum Zone 3 IP supply 3-PS5 patch panel to power the two 12S IP's (BL5 Undulator).	R. Pak, H. Morales	.5											
		Vacuum visual walkthrough -- SPEAR3 ring and Beam Lines.	L. Wiertel, R. Pak, M. Jacobson	1		x									
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SPEAR	Vacuum	Move up Vacuum Zone 5 01G-IG-TSP3 power supply in rack #B118-19 closer to 18S-IG1 power supply.	R. Pak, H. Morales	.5												
		Re-distribute Vacuum Zone 1 IP supply 1-PS4 patch panel to power the two SLM IP's.	R. Pak, H. Morales	.5												
		Re-distribute Vacuum Zone 3 IP supply 3-PS6 patch panel to power all the Zone 3 BL FE IP's at BL's 3, 4, 5, and 6.	R. Pak, H. Morales	.5												
		Complete pre-startup vacuum checkouts.	R. Pak	2												

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