

SSRL - Accelerator Maintenance Day Tasks

4/5/2010

System	Sub-System	Description	PIC	Shop	Task Person	Forms	Hr
Access	Conditions:	1. SPEAR access: 6:15 to14:00					
Access	Conditions:	2. SPEAR - Power Supply Checks - 2 hrs after power restored					
Access	Conditions:	3. OUTAGES:					
Access	Conditions:	4. RSWCF Open:					
Beam Line	PPS	5. Reprogramming the BL4 panelviews.	Horton		Nalls, Horton		
Beam Line	Vacuum	6. BL 4-2 mono hutch check out possible vacuum problem at 4-2IV2.	Nalls	Vacuum	Mark J. and Mike N.		
Beam Line	Vacuum	7. BL 4-1 To open turbo valve you have to push the closed button before pushing the open.	Nalls	Vacuum	Horton		
Beam Line	Vacuum	8. BL 9-3 mono need to check source of burping.	Nalls	Vacuum	Paul G. and Bill H.		
Beam Line	Vacuum	9. BL 14 vacuum interspace low temp 150c 24 hour bake into a MDP.	Nalls	Vacuum	Rick Bach		
Booster	Power Conversion	10. Booster Kickers Install ac control cables in Rack 105B	Greg Johnson		PEM		3.5
Injector	Vacuum	11. Possibly return WG02-IG2 and WG03-IG1 to their correct controllers.	Nalls	Vacuum	Nalls		

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SPEAR	Computer Control	12 . Reboot b116-iocmotor to update ID trim tables	Rarback				
SPEAR	Computer Control	13 . Reorganize soft IOCs on beldar and connie so that beldar interfaces with devices inside the firewall and connie interfaces with devices outside the firewall.	Allison				
SPEAR	Computer Control	14 . Reboot SPEAR PS iocs with new PVs for the new restore program and also some PSM changes.	Allison				
SPEAR	Computer Control	15 . TBD - firewall and network changes to put beldar on the controls VLAN.	Allison				
SPEAR	Computer Control	16 . Add general purpose ADC and DAC IP modules to iocmu in B117.	Allison				
SPEAR	Beam Monitoring	17 . Cable pull, B117 to BL6, Timing Cables.	Martin		Martin, Wallters, PCD		
SPEAR	Beam Monito	18 . Modify Q-Meter chassis & change cables	Martin		Martin, Wallters		
SPEAR	Beam Monitoring	19 . Add output connector to Booster M.O. chassis.	Martin		Martin, Ortiz, Wallters		
SPEAR	Power Conversion	20 . Spear Kickers Tony Beukers - PEM Inspect Kickers and change load resistors in K2.	Tony Beukers		Tony Beukers - PEM		8

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SPEAR	Power Conversion	21 . SPEAR ps B7H Inspect voltage divider at supply for EI documentation.	Greg Johnson		Greg Johnson - PEM		0.5
SPEAR	Power Conversion	22 . ELP Validation (at the end - Supplies must be on to validate) ELP verification on bld 118 large supplies, Chopper BD supply and the four remaining medium supplies.	Greg Johnson		Greg Johnson - PEM		1
SPEAR	MPS	23 . SPEAR_MPS_CPU program flash.	Lessard				
SPEAR	RF - SPEAR	24 . Routine maintenance on the SPEAR HVPS. The estimated time is 8am - 12noon, with a chance that it extends until 2pm. We will then power the supply immediately in recovery to ensure that the supply is fully functional.	Lam, Sebek	PEM	Larrus, Sebek	LOTO (Fac HV electricians)	8
SPEAR	Mechanical	25 . Mechanical inspections	Ernst	MSG	1-tech		1
SPEAR	Mechanical	26 . Install new steel shielding on BTS dump	Ernst	MSG	2-tech		4
SPEAR	Mechanical	27 . Install Din rails on SPEAR BTS Q6F and Q7D magnets	Ernst	MSG	1-tech, Dell'Orco		3
SPEAR	Mechanical	28 . Replace desiccant for SPEAR RFHVPS air dryer	Ernst	MSG	1-tech		2

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SPEAR	Mechanical	29 . BL13 EPU rad monitors - remove rad monitors for readout by RPFO	Ernst	MSG	1-tech, Trautwein	Lead handling	0.5
SPEAR	Vacuum	30 . SPEAR: Walk through. Rod P. Troubleshoot 12S-IG1 Ray O. and Rod P. RGA scans Rod P.	Nalls	Vacuum	Pak		
SPEAR	Facilities	31 . Seismic Upgrade BTS area - verify the electrical conduits, lightings, VESDA, and equipment that will be affected during the upgrade. 10:00 am - 6 people.	Cadapan				
SPEAR	Facilities	32 . Install a GFCI breaker for the BSOIC power distribution in the Distribution panels to power down: Booster 2DP140D. This panel powers the VESDA scanner, the East and Diag door opener pneumatics, emergency lights and receptacles in the booster, and lastly, racks 105A and 105B around the linac area.	Guerra		SLAC Facilities Electricians	LOTO	