

SSRL - Accelerator Maintenance Day Tasks

11/29/2010

System	Sub-System	Description	PIC	Shop	Task Person	Forms	Hr
Access	Conditions:	1 . SPEAR access: 6:30 to 12:30 am Linac/Booster access 7:00 to 10:00 am					
Access	Conditions:	2 . SPEAR - Power Supply Checks - 2 hrs after power restored					
Access	Conditions:	3 . OUTAGES:					
Access	Conditions:	4 . RSWCF Open:					
Beam Line	BL - Mech/Elec/Checks	5 . BL9-3 MO alignment	Harrington		AEG		
Injector	Beam Monitoring and Diagnostics	6 . Linac and Booster - Hall probe troubleshooting	Ortiz				
Injector	Mechanical	7 . Access Linac - document GTF gun			Trautwein		
Injector	Facilities	8 . Seismic Upgrade 2011 - inspect Booster/BTS tunnel - for familiarity with shielding work site and proximity/interferences with accelerator.	Cheung		Stetson, Cheung		

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SPEAR	Beam Monitoring and Diagnostics	9 . Cavity B TC troubleshoot (moveable tuner blws)	Ortiz				
SPEAR	Power Conversion	10 . SP Kicker - replace arcing board	Beukers	PCD			
SPEAR	LCW & Pneumatics	11 . Inspect 1S Stopper solenoid valve - (needs replacement since found to be sticking and blowing oil during startup)	DiMattia	MSG			
SPEAR	Mechanical	12 . Install dipole (SSRL side) steps as available - new steps modified to allow 12in clearance with dipole buss.	DiMattia	MSG			
SPEAR	RF - SPEAR	13 . Cavity D - Install pump on RGA - Setup to bake RGA in-situ (controls external to SPEAR) - further inspection/tests for cavity D and C to D ion pumps - hipot cavity D pump	Nalls	Vacuum			
SPEAR	Vacuum	14 . Leak check 17G - BM1 chamber/TSP3 to BL13 ID chamber	Nalls	Vacuum			