

Accelerator Maintenance Day Tasks

3/6/2006

		Dur. (hr)													
		6	7	8	9	10	11	12	1	2	3	4			
Access		1. SPEAR - Controlled Access	x	x	x	x	x	x	x	x	x	x			
		2. OUTAGES:													
		3. RWSCF Open: a) NONE													
		4. SPEAR - Power Supply Checks												x x	
Beam Lines	All	5. All BL's: Review moving bellows covers list, cover as many as possible.													
														Wiertel, Bach, Jacobson, Neal, Marks, Gathright	
Beam Lines	BL6-2	6. BL6-2: Check BL6-2 BTM nitrogen pressure drop.												.5	
Beam Lines	BL7	7. Identify and label BL7 in-alcove components.												2	
		8. Testing BL7 in-alcove systems motors & LVDT's												(VanCampen, vac-tech, BLE personel)	
		9. BL7 MPS checks												(Horton & Yott)	
		10. BL7 LCW check (if ready)												(Kerr & assistant)	
Injector	BTS Vacuum	11. Review BTS Toroid installation												1	
														w/Ibarra, Nalls, Pak	

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Injector	Facilities	12.	1) Monthly check on lighting fixtures inside SPEAR and Booster. 2) CEF will replace burned lamps, broken lighting lens, lighting sockets as required.	Karen Chan-Hui													
Injector	Gun Chiller	13.	Change the polarity of the signal that sends LINAC Gun Chiller temperature data to the computer. Complete before 10:00am	Ortiz	1												
Injector	Power Supply	14.	Calibrate BTS - B7H input voltage trip point	Rafael, et al													
Injector LINAC vault	Facilities	15.	Review the relocation of the 110V receptacles between the Alpha/Chopper and DLWG#1, prepare cost estimate and plan of action. Job to start ~9:00am and finish by 9:30.	K. Chan-Hui, SLAC Electrical, Nalls	1												
SPEAR	Control Room	16.	Run 2 data lines from building 117 rack 18 to building 118 rack 27. (Power supplies be down for access to the upper trays where the data cables will reside)	Ramirez, et al													

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SPEAR	Facilities	17.	1) Monthly check on lighting fixtures inside SPEAR and Booster. 2) CEF will replace burned lamps, broken lighting lens, lighting sockets as required.	Karen Chan-Hui													
SPEAR	I&C	18.	Measuring the cables run for BL12 ID	Wallters & Dao	1												
		19.	Install modified Echotek BPM modules, wiring, document update in Bldg 116 and 132.	Wachter	6												
SPEAR	Mechanical	20.	Mechanical systems inspection	Woodcock	.5												
		21.	LCW circuit flow readings - Finish (SPEAR return pump off)	DiMattia, Woodcock, J. Guerra	3												
		22.	BL-5 chain guard, Woodcock	J. Guerra	4												
		23.	1S Scraper plumbing and flow change	DiMattia, Ernst	3												
SPEAR	Power Supply	24.	Install Fuse in the MCOR Buck PS overvoltage protection circuit in racks B118-38-39	Rafael, et al													
		25.	Clean MCOR Buck PS in racks B118-38-39	Rafael, et al													
		26.	Continuing with MCOR BW improvement in racks B118-39-40	Rafael, et al													

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SPEAR	SLM	27.	Move the first synchrotron light absorber chamber (front end) -2 mm toward SPEAR	(w/Corbett, Ringwall). Bach, Pak, Neal--3 hr	3												
SPEAR	Vacuum	28.	Extend LN2 boiloff line to Straight Section 09S (or prepare for next maintenance day).	Pak, Nalls	2												
		29.	Visual vacuum inspection walkthrough, SPEAR and Beam Lines.	Pak, Wiertel, Bach	.5												
		30.	Reconfigure IP Supply distribution to FY06 start configuration.	Pak, Nalls	.5												

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