

**December/ January Shutdown 12/20/02 - 1/23/02**

WORK Items	WRQ #	Responsible Staff Person	Technician Resources	Duration in Days	Comments
<b>PS Injector Tasks</b>					
Install Lock on PAR Hoffman box	12983	Markovich	1	0.5	Complete
Replace Strobes in PAR (MPEOB & Pulsed)	12984		1	1	Complete
Finish the termination of PFN cables on BEK this is outside the ring in the supply.	12986	Wang	2	3	Complete
Replace the resistor assemblies and associated parts on P4EK.	12985	Wang	2	3	Complete
Check torque on booster Dipole Breaker replacement	12987		1	0.25	Complete
Linac Klaxons and temp sensors validation and rewire as required.		Hillman	2	2	
Inspect the septum charging supplies (required once a year).		Hillman	2	2	
Regular kicker and septum maintenance.		Hillman	2	1	
ETS of the Kickers, Septum, Interleaving supplies and the Analog Receiver/Transmitter boards.		Hillman	1	2	
a) Document the current configuration of the Analog Receiver/Transmitter boards.					
b) Validate the wiring to and from the Analog Receiver/Transmitter boards.					
Booster MPEOB wiring ??		Markovich	0		
Equipment & Cable removal for the old LET dipole supplies	12544	Hillman	2		
a) Reconfigure Gespac wiring to accommodate removal of this Gespac	12544	Hillman			Complete
b) Remove DC and interlock Cabling	12544	Hillman / McNamara			Ongoing
c) Reroute MPEOB wiring that is currently passing through this rack	12544	Hillman / Markovich			
Install diodes across AC Contactors Coils		Hillman	1		
<b>PS SR Tasks</b>					
SR Quad/Sext Control Power Upgrade (19-36)	12975	Wang	8	15	Complete
Install & Test Trim PS in S9,10 & 21	12976		1	0.5	Complete
Remove Trim PS for modifications & reinstall by May Shutdown 11, 12 & 13	12977		1	0.5	Complete
Repair water header in Sector 12	12978		2	1	Complete
Install new Interface cards in Sector 23 Cab 2 & 4	12980	Hillman/Fors	2	0.5	Complete
Reconfigure SBM External Meter's from the bit bus bug to a networked GPIB-488 box.	12981	Hillman	0		Complete
Replace strobe on top of IK4	12982		1	0.25	Complete
Fors 2A replacement	12988	Fors	3	1	Complete
Investigate S1B:H2 -- output readback is varying by ~1A (replace ADC control card)	13050	Fors	1	0.25	Complete
PM on SR Raw Supplies (inspect terminal blocks)	13105		2	3	Complete
<b>Electrical Tasks</b>					
Install DC & interlock cabling for Canted undulator	12989	Markovich			
Run & LOTO AC for Canted Undulator	12989	Markovich			Complete
Separate power feed for RF Fans & SR Kicker Fan's		Markovich			Complete
Contractor Support for ACIS front end installs		Markovich / Forrestal			Complete
Contractor support for 22ID Radiation Monitor install		Markovich / Forrestal			Complete
Swgr R1 shutdown for maintenance (420 East)					Complete
Swgr R2 shutdown for maintenance (420 West)					Complete
Continue with 16BM contractor Electrical Install		Markovich			Ongoing

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<b>ACIS Tasks</b>					
Contractors install conduits on 10 sector enclosures to support beam line cables	12862	Forrestal	0		
Install & test new Radiation Monitor @ 22-ID Ratchet Door I Beam on the Experimental Hall	12993	Forrestal	0		
Validate Zone's A-E	12863	Forrestal	0		
<b>PSS Tasks</b>					
Validations 31ID, 22ID, 19BM, 11ID, 14BM, 19ID, 9ID & 17BM		Nguyen			Complete
19BM move Jumper for P8-D BLEPS permit	12990	Friedman	1	0.1	Complete
9ID MBS-PSS tie in & Validate		Ross	1	1	Complete
19ID move Jumper for P8-D BLEPS permit	12991	Friedman	3	2	Complete
A-E ACIS/PSS FE Shutter Validations	12872	Forrestal	3	2	Complete
17BM reverse search direction (change hardware to reflect this change)	13073	Nguyen	1	0.5	Complete
6ID, 11ID, & 16ID reconnect DIW transducers (after ME Group makes Mods)		Dawson	2	5	Complete
6ID remove old cables from DIW transducer relocation	13022	Friedman	1	1	Complete
7ID BLEPS-to-PSS interface		Nguyen	1	1	Connected but Jumpered out
23ID installation					Ongoing
Check and replace / remove defective blowers from PSS racks	13021	Friedman	2	1	Complete
Check the manual door on 6-ID-C, it does not always register as closed	13025	Friedman	1	0.5	Complete
2BM Check Keyswitches, reported problem when changing modes		Friedman	1	0.5	Complete
Replace DIW connector at 2ID-E	13131	Ross			Complete
14BM/14ID Remote Shutter Interface		Friedman			Complete
<b>FEEPS Tasks</b>					
Switch over BIV systems from BLEPS to FEEPS 6BM		Behrndt	2	3	Complete