

# Machine Studies

## Schedule for Run02-09, 2004

July 19th, 0800 - July 21st, 0800

Time	Descriptions	Studios	SRStatus
<b>Monday, 7/19/04</b>			
0800-0805	Record XBPM data for user orbit with TopUp running	OPS	SR Beam
0805-0900	Waveguide switch from RF3/RF4 to RF2/RF4	RF Group	No Beam
0805-1000	Upgrade power supply for MPEOB strobe in Zone C	McNamara	No Beam
0805-1000	Swap out Corrector power supplies in Zone C for Reg upgrade	McNamara	No Beam
0805-1000	Install and test a fix for the A:H3 corrector problem	Lenkszus	No Beam
0805-0900	Reboot iocs40fb with a database that supports automated reflective memory testing	Lenkszus	No Beam
0805-1000	Test DACI software with SR PSCU	Hillman	No Beam
0805-1000	Test the K1 relay a potential external interlock problem with the Raws supplies starting in sector 6:7 and 36:37	Sprau	No Beam
0900-1200	Wireless testing Bldg. 420	Stejskal	No Impact?
0805-0900	Install TLD Badges in the LEUTL Tunnel on the Beam pipe	Vacca	No impact
0805-0900	Replace Gespac ADC board for the RF Gun Heater supply	Hillman	No Inj
0805-0930	Reboot linac iocs: ioclirfgun, ioclic1, ioclic4 to add pvs to monitor PS setpoint changes relative to conditioning	Varotto	No Inj

<b>Time</b>	<b>Descriptions</b>	<b>Studiers</b>	<b>SRStatus</b>
<b>0830-1030</b>	<b>Test cables and replace Filter comparators at 10BP2, 15BP2, and 15BP3</b>	<b>Erwin</b>	<b>Access Zone B</b>
<b>0830-0930</b>	<b>Reboot iocs3VP to incorporate vacuum pump database additions</b>	<b>Quock</b>	<b>No Beam</b>
<b>0830-1030</b>	<b>Terminate existing ACIS Cable and Power Cable for a future Radiation Monitor at the 26-ID Ratchet Door Column</b>	<b>Vacca, Forrestal</b>	<b>No Beam</b>
<b>0830-0930</b>	<b>Reboot iocfe31</b>	<b>M. Smith</b>	<b>No Beam</b>
<b>0830-0930</b>	<b>Replace red beacon at L1:MO:PF</b>	<b>Cours</b>	<b>No Inj</b>
<b>0830-0930</b>	<b>Replace rf source backup generator</b>	<b>Cherbak</b>	<b>No Beam</b>
<b>0830-1230</b>	<b>Replace the BOOSTER TO LEUTL radiation stop solenoid air manifold, verify the wiring of the ACIS limit switches, perform a 'mini' validation of the affected ACIS</b>	<b>Markovich, Gagliano</b>	<b>Access Booster (AA mode)</b>
<b>0830-1130</b>	<b>Replace burnt out magnet strobes lights</b>	<b>Hillman</b>	<b>Access Booster</b>
<b>0830-1000</b>	<b>Bob Keithley to obtain measurements of BTX beamline for future ODR test station</b>	<b>Lumpkin</b>	<b>Access Booster</b>
<b>0845-1000</b>	<b>Check operation of PS2 at 18ID front end. Requires PSS validation of switches on PS2</b>	<b>Gagliano</b>	<b>Access Zone C (AA mode)</b>
<b>0930-1130</b>	<b>Operator Training - PAR(0700-1500)</b>	<b>Glenn, Jones</b>	<b>No Inj</b>
<b>0900-1000</b>	<b>Replace Rotary Encoder on upstream end of the 3IDds Insertion Device</b>	<b>Merritt</b>	<b>Access Zone A</b>
<b>0900-1000</b>	<b>Reboot siocops (soft ioc) to load sequence program to automate testing of reflective memory.</b>	<b>Varotto</b>	<b>No Impact</b>
<b>0900-1000</b>	<b>Add bus analyzer board to sector 5 (ioc5vp) to collect data</b>	<b>Varotto</b>	<b>No Impact</b>
<b>0900-0930</b>	<b>Remove the VTM200 10/100Mb media converter undergoing field testing at iocs1bpm and restore connections to the Cabletron Ethernet media converter</b>	<b>Laird</b>	<b>No Beam</b>

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<b>1000-1130</b>	<b>Test cable and replace Filter comparator at 35BP2</b>	<b>Erwin</b>	<b>Access Zone E</b>
<b>1000-1030</b>	<b>Install cable in iocmtime racks to bring P0 to timing patch panel</b>	<b>Lenkszus</b>	<b>No Beam</b>
<b>1230-1300</b>	<b>Beam recovery.</b>	<b>OPS</b>	<b>Stored beam and injection</b>
<b>1300-1500</b>	<b>Reproduce Nan problem with controllaw.</b>	<b>Emery Lenkszus</b>	<b>Stored beam nad injection</b>
<b>1500-1600</b>	<b>CPU mode testing.</b>	<b>Smith Emery</b>	<b>Stored beam and injection</b>
<b>1600-1700</b>	<b>Test servo motor.</b>	<b>Stein Xu Sajaev</b>	<b>Stored beam and injection</b>
<b>1700-2100</b>	<b>Collect nbbpm spectrum. Parallel to RF phase...</b>	<b>Sun</b>	<b>Stored beam, no injection</b>
<b>1700-2100</b>	<b>RF phase anf timing jitter measurements in linac.</b>	<b>Borland</b>	<b>No injection</b>
<b>2100-2400</b>	<b>BPM tests.</b>	<b>Singh</b>	<b>Stored beam and injection</b>
<b>Tuesday, 7/20/04</b>			
<b>0000-0600</b>	<b>Canted undulator xbpn studies.</b>	<b>Decker</b>	<b>Stored beam and injection</b>
<b>0600-0900</b>	<b>Prepare for 1296 bunches test.</b>	<b>Sereno Harkay Sajaev Decker et al.</b>	<b>Stored beam and injection</b>

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<b>0900-1700</b>	<b>1296 bunch mode test with shutters open. Floor coordinator support required.</b>	<b>Randall</b>	<b>Stored beam and injection</b>
<b>1000-1200</b>	<b>Operator Training - Linac (0700-1500) can be concurrent to the User portion of 1296 bunch operation</b>	<b>Lesson, Jones</b>	<b>No injection</b>
<b>1700-2100</b>	<b>Bunch purity study.</b>	<b>Sereno Borland</b>	<b>Stored beam and injection</b>
<b>2100-2400</b>	<b>Bunch purity vs. number of bunches study.</b>	<b>Sereno</b>	<b>Stored beam and injection</b>
<b>Wednesday, 7/21/04</b>			
<b>0000-0700</b>	<b>Xbpm alignment work.</b>	<b>Decker</b>	<b>Stored beam and injection</b>
<b>0100-0300</b>	<b>Operator Training - Booster. Parallel to xbpm alignment.</b>	<b>Forth</b>	<b>Limited Inj</b>
<b>0700-0800</b>	<b>Ready for 0+24X1 fill pattern, low emittance, TopUp</b>	<b>OPS</b>	<b>Stored beam and injection</b>