

# Machine Studies

## Schedule for Run02-3, 2007

June 12th 0800 - June 13th 0800

Time	Descriptions	Studiers	SR Status
<b>Tuesday, 6/12/07</b>			
<b>0800-0810</b>	<b>Collect XBPM orbit data</b>	<b>OPS</b>	<b>Stored Beam &amp; Injection</b>
<b>0810-0830</b>	<b>Reboot ctlapps3l</b>	<b>Smith/Sheehan</b>	<b>Limited Injection</b>
<b>0810-0830</b>	<b>Reboot iocs19fb</b>	<b>Lenkszus</b>	
<b>0810-0900</b>	<b>Replace LAN-GPIB box for iocbvp2</b>	<b>Varotto</b>	<b>No Beam</b>
<b>0810-1000</b>	<b>Measure CPU input &amp; output current</b>	<b>Deriy</b>	
<b>0810-1000</b>	<b>Replace output filter capacitors in S:BM</b>	<b>Puttkammer</b>	<b>No Beam</b>
<b>0810-1000</b>	<b>Measure bus work for S:BM breaker replacement</b>	<b>Fors</b>	<b>No Beam</b>
<b>0810-1000</b>	<b>Install new timing module in iocmtime</b>	<b>Lenkszus/Laird</b>	<b>No Beam/No Injection</b>
<b>0810-1000</b>	<b>Replace Bldg. 420 temperature &amp; humidity meters/probes with calibrated units</b>	<b>Bromberek</b>	<b>No impact</b>
<b>0830-0930</b>	<b>make a list of narrow band bpm serial number around the Storage-ring</b>	<b>Sun, Xiang</b>	<b>No impact</b>
<b>0830-1200</b>	<b>PCGun switchover PEM testing</b>	<b>Sereno/Pasky</b>	<b>Limited Injection</b>
<b>0900-1000</b>	<b>Thermal scan of B:BM:M and B:BM:S contactor</b>	<b>Puttkammer</b>	<b>No injection</b>
<b>0900-1200</b>	<b>Replace Booster corrector B2C4V converter</b>	<b>Donkers</b>	<b>No injection</b>
<b>1000-1130</b>	<b>Investigate L2 drive errors</b>	<b>Grelick</b>	<b>Limited Injection</b>
<b>1000-1100</b>	<b>Test solid state K1 relay replacement</b>	<b>Deriy</b>	<b>No beam</b>
<b>1000-1200</b>	<b>PSG script testing</b>	<b>Fors</b>	<b>No Beam</b>
<b>1200-1500</b>	<b>RMS calculation test</b>	<b>Singh/Lenkzsus</b>	<b>Stored Beam &amp;</b>

			<b>Top-Up</b>
<b>1500-1700</b>	<b>Optimize xbpm blade gains</b>	<b>Decker/Singh</b>	<b>Stored Beam &amp; Inj.</b>
<b>1700-2000</b>	<b>Various hybrid mode bunch patterns (RF turbo pumps needed)</b>	<b>Emery/Harkay</b>	<b>Stored Beam &amp; Inj.</b>
<b>2000-2300</b>	<b>Coherent damping measurement</b>	<b>Emery/Harkay</b>	<b>Stored Beam &amp; Inj.</b>
<b>2300-2400</b>	<b>Setup hybrid</b>	<b>Emery/Sajaev</b>	<b>Stored Beam &amp; Inj.</b>
<b>Wednesday, 6/13/07</b>			
<b>0000-0300</b>	<b>Setup hybrid</b>	<b>Emery/Sajaev</b>	<b>Stored Beam &amp; Inj.</b>
<b>0300-0700</b>	<b>Test deflecting cavity lattice</b>	<b>Emery/Sajaev</b>	<b>Stored Beam &amp; Inj.</b>
<b>0700-0800</b>	<b>Prepare for User beam (0+24*1 Top-Up)</b>	<b>OPS</b>	<b>Stored Beam &amp; Injection</b>