

# Machine Studies

## Schedule for Run01-4, 2008

February 19th 0800 - February 20th 0800

Time	Descriptions	Studiers	SR Status
<b>Tuesday, 2/19/08</b>			
<b>0800-0810</b>	<b>Collect XBPM orbit data</b>	<b>OPS</b>	<b>Stored Beam &amp; Injection</b>
<b>0810-0900</b>	<b>Gap Scans and update IDGapFF look-up tables</b>	<b>Schroeder</b>	<b>Stored Beam &amp; Injection</b>
<b>0900-1100</b>	<b>Repair L2 Water Skid heater</b>	<b>Wright</b>	<b>No Injection</b>
<b>0900-0930</b>	<b>Switch from pump 504 to 503</b>	<b>Ferry</b>	<b>No impact</b>
<b>0900-1100</b>	<b>Troubleshoot B:IK power supply</b>	<b>Puttkammer</b>	<b>No Injection</b>
<b>0900-1200</b>	<b>Replace S7A:P0 Bergosz module</b>	<b>Sun</b>	<b>No beam</b>
<b>0900-1200</b>	<b>Investigate 21-ID FE-EPS water flow trips</b>	<b>McNamara</b>	<b>No beam</b>
<b>0900-1100</b>	<b>Troubleshoot PAR RF-12 self-bunching</b>	<b>Grelick</b>	<b>Limited Injection</b>
<b>0900-1100</b>	<b>Repair/check analog read backs on SRPS</b>	<b>PS group</b>	<b>No Beam</b>
<b>0900-1300</b>	<b>Measure sextupole currents with clamp-on meter</b>	<b>PS group</b>	<b>No beam</b>
<b>1100-1400</b>	<b>Investigate PAR Amplifier #2 problem</b>	<b>Grelick</b>	<b>Limited Injection</b>
<b>1500-1515</b>	<b>Reboot iocsrtune (requires no top-up) to add PV/button to disconnect the tune drive signal</b>	<b>Yao, Stevens</b>	<b>No impact</b>
<b>1300-1500</b>	<b>Test FPGA based SR tune measurements (24 singlets)</b>	<b>Yao, Norum</b>	<b>Stored Beam</b>
<b>1300-1500</b>	<b>Documentation of SR PEMs (parasitic)</b>	<b>Schroeder</b>	<b>Stored Beam</b>
<b>1400-1800</b>	<b>Investigate Booster efficiency problems</b>	<b>Sereno, Borland, Jones</b>	<b>Occ. Injection</b>
<b>1500-1900</b>	<b>CPU coupling correction using new method</b>	<b>Xiao, Emery</b>	<b>Stored beam</b>
<b>1800-2100</b>	<b>Optimize 300MeV PAR set-up</b>	<b>Yao, Sereno</b>	<b>Occ. Injection</b>
<b>1900-2300</b>	<b>Continue investigation of beam lifetime (324 singlets stored in 24 singlet standard</b>	<b>Xiao</b>	<b>Stored beam &amp; Occ. Injection</b>

	lattice)		
<b>2100-2300</b>	<b>Operator training (1500-2300) Linac/PAR</b>	<b>Karl</b>	<b>Limited Injection</b>
<b>2300-2400</b>	<b>Operator training (2300-0700)</b>	<b>Fystro</b>	<b>Limited Injection</b>
<b>2300-2400</b>	<b>Continue setting up RHB lattice (limited injection first two hours)</b>	<b>Sajaev</b>	<b>Stored beam &amp; inj.</b>
<b>Wednesday, 2/20/08</b>			
<b>0000-0100</b>	<b>Operator training (2300-0700) Linac/PAR</b>	<b>Fystro</b>	<b>Limited injection</b>
<b>0000-0400</b>	<b>Continue setting up RHB lattice</b>	<b>Sajaev</b>	<b>Stored beam &amp; Inj.</b>
<b>0300-0700</b>	<b>Continue reference lattice</b>	<b>Sajaev</b>	<b>Stored beam &amp; Injection</b>
<b>0700-0800</b>	<b>Prepare for User beam</b>	<b>OPS</b>	<b>Stored Beam &amp; Injection</b>