

# Machine Studies

## Schedule for Run03-5, 2011

October 31<sup>st</sup> 0800 – November 2nd 0800

Time	Descriptions	Studiers	SR Status
	Monday, October 31, 2011		
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-0930	Gap Scans and update IDGapFF look-up tables	Schroeder/OPS	Stored Beam & Injection
0930-1000	Test shutters at 29ID	McNamara	No Beam
0930-1030	Install vme module in iocbdg1	Laird	No Beam
0930-1130	Troubleshoot sectors 23 - 24 process water A-B PLC ethernet problem (pump 521 off)	Putnam	No beam
0930-1030	SRRF waveguide switch	Cours	No Beam
<del>0930-1130</del>	<del>Vibration measurements (S28-31)</del> CANCELLED	<del>Preissner</del>	<del>No Beam</del>
0930-1130	move the current measurement from S32B:Q1/S32:BQ1 to S31A:Q5/S31B:Q5 (double sector off)	Puttkammer	No beam
0930-1230	Troubleshoot PAR RF-12	Smith	Limited Injection
1000-1100	Collect lead samples	Bechtold, ESH	Access Zone B

<b>1230-1300</b>	<b>Recover SR beam.</b>	<b>OPS</b>	<b>Stored Beam &amp; Injection</b>
<b>1300-1700</b>	<b>XBPM data collection script test.</b>	<b>Decker Hahne Shang</b>	<b>Stored Beam &amp; Injection</b>
<b>1700-2100</b>	<b>Characterize/collect BnBPM data.</b>	<b>Bui Lill</b>	<b>Stored Beam &amp; Injection</b>
<b>2100-2400</b>	<b>Set up hybrid lattice.</b>	<b>Xiao</b>	<b>Stored Beam &amp; Injection</b>
<b>Tuesday, November 01, 2011</b>			
<b>0000-0100</b>	<b>Set up hybrid lattice (continued).</b>	<b>Xiao</b>	<b>Stored Beam &amp; Injection</b>
<b>0100-0500</b>	<b>DSP85 response measurements.</b>	<b>Sereno</b>	<b>Stored Beam &amp; Injection</b>
<b>0500-0700</b>	<b>PEM testing for PAR RF.</b>	<b>Pasky</b>	<b>Limited injection</b>
<b>0700-0900</b>	<b>SR training. (last 1/2 hour no injection)</b>	<b>Mazzio</b>	<b>Stored Beam &amp; Injection</b>
<b>0830-1030</b>	<b>Replace a RF12 500W amplifier</b>	<b>T. Smith</b>	<b>No Injection</b>
<b>0900-1100</b>	<b>check the Bergoz/filter/DBPLD interface labels in diagnostics cabinets around the ring</b>	<b>Sun</b>	<b>No impact</b>
<b>0900-1100</b>	<b>SR RF PEM testing. Parallel to PAR RF.</b>	<b>Soliday Horan Schroeder</b>	<b>Stored Beam &amp; Injection</b>

<b>1030-1100</b>	<b>Check out PAR harmonic system</b>	<b>Yao</b>	<b>Limited Injection</b>
<b>1100-1300</b>	<b>Measure SR damping time.</b>	<b>Yao</b>	<b>Stored Beam &amp; Injection</b>
<b>1300-1700</b>	<b>Orbit switch.</b>	<b>Xiao</b>	<b>Stored Beam &amp; Injection</b>
<b>1700-2300</b>	<b>Tune up booster injection with 375MeV.</b>	<b>Yao Sereno</b>	<b>Limited injection</b>
<b>1700-2100</b>	<b>CPU measurements. Parallel to booster injection.</b>	<b>Xiao</b>	<b>Stored beam</b>
<b>2300-2400</b>	<b>Test ID steering to center of BPLDs.</b>	<b>Sajaev</b>	<b>Stored Beam &amp; Injection</b>
<b>Wednesday, November 02, 2011</b>			
<b>0000-0100</b>	<b>Test ID steering (continued).</b>	<b>Sajaev</b>	<b>Stored Beam &amp; Injection</b>
<b>0100-0400</b>	<b>Continue P5 steering.</b>	<b>Sajaev</b>	<b>Stored Beam &amp; Injection</b>
<b>0400-0700</b>	<b>Continue 4NLSS 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>