

# Machine Studies

## Draft Schedule for Run03-8, 2013

November 19<sup>th</sup> 0800 – November 20<sup>th</sup> 0800

Time	Descriptions	Studios	SR Status
	Tuesday, November 19, 2013		
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	Reboot interleaving DSPs	PS Group	Limited Injection
0930-1000	End to end test at 29ID	McNamara	No Beam
0930-1000	End to end test at 35ID	McNamara	No Beam
0930-1000	End-to-end test at 6BM	Banks	No Beam
0930-1030	Soft IOC cluster maintenance	Shoaf	Stored Beam & Injection
1000-11:30	Troubleshoot S32B:P3	Bui	No beam
0930-1030	Replace klystron collector RTD at RF3	RF Group	No Beam
0930-1030	RF Waveguide switch	RF Group	No Beam
0930-1130	Switch RF Gun #2 water system	Pasky/MOM	No Injection
0930-1130	Hook up / move external monitors at S15	Wang	No Beam
0930-1130	Measure input water flows for SR Raw	Puttkammer	No Beam

	<b>PS</b>		
<b>0930-1130</b>	<b>Investigate cathode regulation problem at RF5</b>	<b>RF Group</b>	<b>No Injection</b>
<b>0930-1330</b>	<b>Switch and verify PAR RF-12 system #2</b>	<b>RF Group</b>	<b>No Injection (0930-1130) Limited Injection (1130-1330)</b>
<b>1000-1130</b>	<b>SRRF PEM testing</b>	<b>Schroeder</b>	<b>No Beam</b>
<b>1030-1330</b>	<b>Switch and verify PAR RF-1 system #2</b>	<b>RF Group</b>	<b>No Injection (1030-1130) Limited Injection (1130-1330)</b>
<b>1200-1500</b>	<b>Xray BPM alignment</b>	<b>Sereno/Hahne</b>	<b>Limited Injection (1200-1330)  Stored Beam &amp; Injection (1330-1500)</b>
<b>1500-1600</b>	<b>Testing 4 corrector bump</b>	<b>Sereno</b>	<b>Stored Beam &amp; Injection</b>
<b>1600-1800</b>	<b>Optics correction using FPGA BPMs</b>	<b>Sajaev/Wang</b>	<b>Stored Beam &amp; Injection</b>
<b>1800-1900</b>	<b>Optimize PAR Harmonic RF</b>	<b>Yao</b>	<b>No injection</b>
<b>1900-2300</b>	<b>Tune up 132-nm booster lattice and measure tune shift</b>	<b>Yao</b>	<b>No injection</b>
<b>2300-2400</b>	<b>Injection Study</b>	<b>Emery</b>	<b>Stored Beam &amp; Injection</b>

	<b>Wednesday, November 20, 2013</b>		
<b>0000-0100</b>	<b>Injection Study</b>	<b>Emery</b>	<b>Stored Beam &amp; Injection</b>
<b>2 hrs</b>	<b>Injector training (to be co-ordinated with Emery/Sajaev between 2300-0500)</b>	<b>Angel</b>	<b>Limited injection</b>
<b>0100-0500</b>	<b>Injection Optimization Script Development</b>	<b>Sajaev</b>	<b>Stored Beam &amp; Injection</b>
<b>0500-0700</b>	<b>SCU0 steering studies</b>	<b>Harkay</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>