

# Machine Studies

## Schedule for Run03-7, 2013

November 11th 0800 – November 13th 0800

Time	Descriptions	Studios	SR Status
	Monday, November 11, 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
0930-1030	Test user operations PEM	Schroeder/ Shang	No Beam
0930-1030	Enter RF5 klystron garage to do some measurements.	Horan	No beam
0930-1130	PS script testing Zone C	Fors	No Beam
0930-1130	Investigate comm loss between iocs35das & iocs35fb	Lenkszus	No Beam
0930-1130	Check input transformer tap for BQD	Wang	Limited Injection
0930-1130	Move external monitors	Wang	No Beam
0930-1300	Install PAR RF12 circulator	RF Group	No Injection
0930-1730	Water tie in at S35BM	Wyncott	35BM offline
1000-1100	Troubleshoot xbpn at 34BMP1	Hahne	Zccess Zone E

<b>1000-1300</b>	<b>Verify 35ID wiring / 35BM work</b>	<b>McNamara / Friedman</b>	<b>Access Zone F</b>
<b>1330-1430</b>	<b>Test RF PEMs</b>	<b>Schroeder / Soliday</b>	<b>No Beam</b>
<b>1330-1630</b>	<b>Verify klystron water readbacks</b>	<b>RF Group</b>	<b>Stored Beam &amp; Injection</b>
<b>1430-1500</b>	<b>Recover SR beam.</b>	<b>OPS</b>	<b>Stored Beam &amp; Injection</b>
<b>1500-1600</b>	<b>SR requalification.</b>	<b>Bogdan</b>	<b>Stored Beam &amp; Injection</b>
<b>1600-1700</b>	<b>S27 orbit bump test for RTFB.</b>	<b>Sereno</b>	<b>Stored Beam &amp; Injection</b>
<b>1700-2100</b>	<b>High-charge injector study.</b>	<b>Yao</b>	<b>Limited injection</b>
<b>2100-2400</b>	<b>Set up RHB lattice.</b>	<b>Sajaev</b>	<b>Stored Beam &amp; Injection</b>
<b>Tuesday, November 12, 2013</b>			
<b>0000-0100</b>	<b>Set up RHB lattice (continued).</b>	<b>Sajaev</b>	<b>Stored Beam &amp; Injection</b>
<b>0100-0500</b>	<b>Orbit switch.</b>	<b>Xiao</b>	<b>Stored Beam &amp; Injection</b>
<b>0500-0900</b>	<b>Test injection with high coupling.</b>	<b>Xiao</b>	<b>Stored Beam &amp; Injection</b>

<b>0700-0900</b>	<b>Injector training if possible (parallel to high coupling injection).</b>	<b>Angel</b>	<b>Limited injection</b>
<b>0900-1100</b>	<b>FPGA optics correction test.</b>	<b>Wang</b>	<b>Stored Beam &amp; Injection</b>
<b>0900-1100</b>	<b>Investigate Booster QD correction (parallel to FPGA).</b>	<b>Yao</b>	<b>Limited injection</b>
<b>1100-1900</b>	<b>Perform ID gap scans.</b>	<b>Sereno</b>	<b>Stored Beam &amp; Injection</b>
<b>1900-2300</b>	<b>Xray BPM alignment.</b>	<b>Hahne</b>	<b>Stored Beam &amp; Injection</b>
<b>2300-2400</b>	<b>Search for possible vertical aperture restriction in SR.</b>	<b>Emery</b>	<b>Stored Beam &amp; Injection</b>
	<b>Wednesday, November 13, 2013</b>		
<b>0000-0300</b>	<b>Search for possible vertical aperture restrictions in SR (continued).</b>	<b>Emery</b>	<b>Stored Beam &amp; Injection</b>
<b>0000-0200</b>	<b>Injector training (parallel to aperture search).</b>	<b>Obasohan</b>	<b>Limited Injection</b>
<b>0300-0700</b>	<b>Injection tune up software development.</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>