

# Machine Studies

## Draft Schedule for Run01-8, 2015

March 24th 0800 – March 25th 0800

Time	Descriptions	Studiers	SR Status
<b>Tuesday, March 24, 2015</b>			
<b>0800-0810</b>	<b>Collect XBPM orbit data</b>	<b>OPS</b>	<b>Stored Beam &amp; Injection</b>
<b>0810-0930</b>	<b>Gap Scans and update IDGapFF look-up tables</b>	<b>Schroeder</b>	<b>Stored Beam &amp; Injection</b>
<b>0930-1000</b>	<b>Pump 509 switchover</b>	<b>Wright</b>	<b>No Beam</b>
<b>0930-1030</b>	<b>Measure SR dipole spectrum</b>	<b>Fors</b>	<b>No Beam / No Booster Injection</b>
<b>0930-1030</b>	<b>Check BTS I monitor calibration</b>	<b>Keane</b>	<b>No Injection</b>
<b>0930-1100</b>	<b>Troubleshoot S7/8 nbbpms</b>	<b>Lenkszus</b>	<b>No Beam</b>
<b>0930-1200</b>	<b>Swap out quads in S6</b>	<b>Ackley</b>	<b>No Beam</b>
<b>0930-1200</b>	<b>Troubleshoot S32A:Q3</b>	<b>Vargas</b>	<b>No Beam</b>
<b>0930-1200</b>	<b>Work on BPM rack temperature regulation</b>	<b>Erwin</b>	<b>No Beam</b>
<b>0945-1015</b>	<b>Test ACIS laser gate valve in ITS</b>	<b>Markovich</b>	<b>No Injection</b>
<b>1000-1030</b>	<b>Troubleshoot PTB:FL1</b>	<b>MOM Group</b>	<b>Access PAR</b>
<b>1000-1300</b>	<b>PC gun laser alignment</b>	<b>Dooling</b>	<b>Access Linac /No laser until PTB:FL1 work is done</b>
<b>1300-1330</b>	<b>Recover injectors/SR</b>	<b>OPS</b>	<b>Stored Beam &amp; Injection</b>
<b>1330-1500</b>	<b>Linac training (07-15)</b>	<b>E. Smith</b>	<b>Limited Injection</b>
<b>1330-1800</b>	<b>Test S27 GRID and Libera BPMs in rtfb and datapool</b>	<b>Sereno</b>	<b>Limited Injection</b>

<b>1500-1600</b>	<b>Check BTS CM calibration</b>	<b>Keane</b>	<b>Limited Injection /Wrong BTS CM</b>
<b>1600-2000</b>	<b>Investigate Booster problem</b>	<b>Yao</b>	<b>Limited Injection</b>
<b>1800-2000</b>	<b>Lattice tune study</b>	<b>Yi-Peng Sun/Emery</b>	<b>Limited Injection</b>
<b>2000-2400</b>	<b>RG1 study</b>	<b>Pasky/Dooling/ Yin-E Sun</b>	<b>No Beam</b>
<b>Wednesday, March 25, 2015</b>			
<b>0000-0300</b>	<b>Beam loss study with FPGA BPM</b>	<b>Harkay/Dooling</b>	<b>Stored Beam &amp; Injection</b>
<b>0300-0700</b>	<b>High coupling study</b>	<b>Xiao</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>