

# Machine Studies

## Draft Schedule for Run01-4, 2015

February 24th 0800 - February 25th 0800

Time	Descriptions	Studiers	SR Status
<b>Tuesday, February 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>0930-1130</b>	<b>Measure SR dipole spectrum</b>	<b>Fors</b>	<b>No Beam No Injection</b>
<b>0930-1130</b>	<b>Investigate S4/5 raws GESPAC communication</b>	<b>Puttkammer</b>	<b>No Beam</b>
<b>0930-1130</b>	<b>Swap converters for IGBT upgrade S26/27</b>	<b>Vargas</b>	<b>No Beam</b>
<b>0930-1130</b>	<b>Measure water flows in Zone D &amp; E</b>	<b>Goetzen</b>	<b>No Beam</b>
<b>0930-1130</b>	<b>Install analog meter frames S40:1</b>	<b>Jordan</b>	<b>No Beam</b>
<b>1000-1015</b>	<b>Characterize RF gun cathodes</b>	<b>Yin-e Sun</b>	<b>Access Linac</b>
<b>1000-1200</b>	<b>Beam height measurements</b>	<b>RF Group S&amp;A</b>	<b>Access Linac</b>
<b>1200-1300</b>	<b>Measure booster startDigitizer</b>	<b>Yao</b>	<b>No Beam</b>
<b>1200-1400</b>	<b>Replace 10ID cameras</b>	<b>Erwin</b>	<b>Access Zone B</b>
<b>1200-1400</b>	<b>Investigate L1:SC3:VL readback</b>	<b>Donkers</b>	<b>Limited Injection</b>
<b>1400-1700</b>	<b>XBPM alignment</b>	<b>Hahne</b>	<b>Stored Beam &amp; Injection</b>
<b>1700-1830</b>	<b>Test 4x4 RTFB at S27</b>	<b>Xu</b>	<b>Limited Injection</b>
<b>1700-1800</b>	<b>Measure PAR tune vs charge (parallel)</b>	<b>Yao/Harkay</b>	<b>Limited Injection</b>
<b>1800-2000</b>	<b>Booster QD/QF new ramp study (parallel)</b>	<b>Yao</b>	<b>Limited Injection</b>
<b>1830-2200</b>	<b>RG2 Tune up</b>	<b>Yin-e Sun Dooling</b>	<b>Limited Injection</b>
<b>1830-2000</b>	<b>Fractional Tune Scan (parallel)</b>	<b>Yi-peng Sun</b>	<b>Limited Injection</b>

		<b>Emery</b>	
<b>2000-2200</b>	<b>Booster training (15-23) (parallel)</b>	<b>Henry</b>	<b>Limited Injection</b>
<b>2200-2400</b>	<b>ID1 BLM calibration study</b>	<b>Dooling Harkay</b>	<b>Stored Beam &amp; Injection</b>
<b>Wednesday, February 25, 2015</b>			
<b>0000-0100</b>	<b>ID1 BLM calibration study</b>	<b>Dooling Harkay</b>	<b>Stored Beam &amp; Injection</b>
<b>0100-0400</b>	<b>Hybrid setup</b>	<b>Sajaev</b>	<b>Stored Beam &amp; Injection</b>
<b>0400-0700</b>	<b>ID4 impedance measurement</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>