

# Machine Studies

## Draft Schedule for Run01-5, 2016

February 29th 0800 – March 2nd 0800

Time	Descriptions	Studiers	SR Status
<b>Monday, February 29, 2016</b>			
<b>0800-0810</b>	<b>Collect XBPM orbit data</b>	<b>OPS</b>	<b>Stored Beam &amp; Injection</b>
<b>0810-1000</b>	<b>Coupling effect on lifetime w/ users</b>	<b>Emery</b>	<b>Stored Beam &amp; Injection</b>
<b>0900-1200</b>	<b>Booster long ramp studies</b>	<b>Yao</b>	<b>Limited/No Injection</b>
<b>1000-1030</b>	<b>Reboot interleaving DSPs</b>	<b>PS group</b>	<b>No Injection</b>
<b>1000-1030</b>	<b>Add Metasys PVs</b>	<b>Smith, M.</b>	<b>Stored Beam &amp; Injection</b>
<b>1000-1030</b>	<b>Switch over pumps 523, 525 and 531</b>	<b>Wright</b>	<b>No Beam</b>
<b>1000-1200</b>	<b>Investigate 7ID scanning issues</b>	<b>Smith, M.</b>	<b>Stored Beam &amp; Injection</b>
<b>1000-1200</b>	<b>During studies, investigate noisy reading on S3B:P3.</b>	<b>Brill</b>	<b>No beam</b>
<b>1000-1200</b>	<b>Swap S28:29 quads for IGBT upgrade</b>	<b>Ackley</b>	<b>No Beam</b>
<b>1000-1200</b>	<b>Investigate Cap/OT trip in S25A:S4</b>	<b>Vargas</b>	<b>No Beam</b>
<b>1000-1200</b>	<b>Replace GESPAC crate in S28 cab 5</b>	<b>Jordan</b>	<b>No Beam</b>
<b>1000-1200</b>	<b>L2 envelop detector calibration</b>	<b>Smith, T.</b>	<b>No Injection</b>
<b>1200-1400</b>	<b>re-measure booster charge dependent tune shift. Booster beam only</b>	<b>Yao</b>	<b>No injection</b>
<b>1400-1800</b>	<b>Evaluating detector to measure centroid and beam size at 1 BM - Part 1 (Shutters permit needed)</b>	<b>Emery, IBM</b>	<b>Stored beam &amp; injection</b>
<b>1800-2300</b>	<b>set up hybrid lattice</b>	<b>Sajaev</b>	<b>Stored beam &amp; injection</b>
<b>2300-2400</b>	<b>Orbit switch</b>	<b>Xiao</b>	<b>Stored beam &amp; injection</b>
<b>Tuesday, March 1, 2016</b>			

<b>0000-0300</b>	<b>Orbit switch (continued)</b>	<b>Xiao</b>	<b>Stored beam &amp; injection</b>
<b>0300-0500</b>	<b>Measure offset for 12B:P1 and S27B:P2</b>	<b>Xiao</b>	<b>Stored beam</b>
<b>0300-0700</b>	<b>PC Gun studies</b>	<b>Yine Sun, Dooling</b>	<b>No injection</b>
<b>0700-1100</b>	<b>linac beam and rf power studies</b>	<b>Pasky, Yine Sun</b>	<b>Limited injection</b>
<b>0900-1100</b>	<b>Automatic steering debugging</b>	<b>Shang, M. Smith</b>	<b>No beam</b>
<b>1100-1300</b>	<b>Automatic steering test</b>	<b>M. Smith, Shang</b>	<b>Stored beam</b>
<b>1100-1300</b>	<b>Continue booster BPM reponse measurement</b>	<b>Yao</b>	<b>Occasion injection</b>
<b>1300-1700</b>	<b>S27 4x4 test studies</b>	<b>Sereno et al</b>	<b>Stored beam &amp; injection</b>
<b>1700-2100</b>	<b>Evaluating detector to measure centroid and beam size at 1 BM (Shutters permit needed)</b>	<b>Emery, IBM</b>	<b>Stored beam &amp; injection</b>
<b>2100-2400</b>	<b>injection/dynamic aperture study</b>	<b>Sajaev</b>	<b>Stored beam &amp; injection</b>
<b>Wednesday, March 2, 2016</b>			
<b>0000-0100</b>	<b>injection/dynamic aperture study (continued)</b>	<b>Sajaev</b>	<b>Stored beam &amp; injection</b>
<b>0100-0630</b>	<b>injection study</b>	<b>Xiao</b>	<b>Stored Beam &amp; injection</b>
<b>0630-0800</b>	<b>Prepare for User beam</b>	<b>OPS</b>	<b>Stored Beam &amp; Injection</b>