

# Machine Studies

## Draft Schedule for Run03-6, 2020

November 9th 0800 – November 11th 0800

Time	Descriptions	Studios	SR Status
<b>Monday, November 9, 2020</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>SR Gaps scans</b>	<b>Hahne</b>	<b>Stored Beam &amp; Injection</b>
<b>0930-1030</b>	<b>Troubleshoot intermittent PSS fault at RF-3</b>	<b>RF Group</b>	<b>No Beam</b>
<b>0930-1130</b>	<b>Replace EMI power supply at L3</b>	<b>RF Group</b>	<b>No Injection</b>
<b>1000-1100</b>	<b>NWM familiarization walkthrough</b>	<b>Hayden</b>	<b>Access Zone A</b>
<b>1100-1200</b>	<b>Recover SR and Injectors</b>	<b>Ops</b>	<b>Stored Beam &amp; Injection</b>
<b>1200-1600</b>	<b>Hybrid setup</b>	<b>Xiao</b>	<b>Stored Beam &amp; Injection</b>
<b>1600-1800</b>	<b>P0 feedback setup</b>	<b>Yao</b>	<b>Stored Beam &amp; Injection</b>
<b>1800-2300</b>	<b>Orbit switch</b>	<b>Y.P. Sun</b>	<b>Stored Beam &amp; Injection</b>
<b>2300-2400</b>	<b>SR performance study</b>	<b>Y.P. Sun</b>	<b>Stored Beam &amp; Injection</b>
<b>Tuesday, November 10, 2020</b>			
<b>0000-0200</b>	<b>SR performance study</b>	<b>Y.P. Sun</b>	<b>Stored Beam &amp; Injection</b>

<b>0200-0400</b>	<b>PAR training (23-07)</b>	<b>Ronzhin/Kimbro</b>	<b>Limited Injection</b>
<b>0400-0800</b>	<b>IEX perturbation measurement</b>	<b>Xiao</b>	<b>Stored Beam &amp; Injection</b>
<b>0800-1200</b>	<b>Sextupole-based BPM offset measurement</b>	<b>Sajaev</b>	<b>Stored Beam</b>
<b>08:15-1200</b>	<b>Troubleshoot PAR RF 12th harmonic (May impact studies following this one)</b>	<b>Smith, et al</b>	<b>No SR injection</b>
<b>1200-1400</b>	<b>S27 Libera single bunch studies</b>	<b>Sereno/Brill</b>	<b>Stored Beam &amp; Injection</b>
<b>1400-1700</b>	<b>S27 Feedback controller step response measurements</b>	<b>Sereno, et al.</b>	<b>Stored Beam &amp; Injection</b>
<b>1700-1900</b>	<b>Check bunch purity</b>	<b>Harkay</b>	<b>Stored Beam &amp; Inj.</b>
<b>1900-2300</b>	<b>6 GeV instabilities</b>	<b>Emery</b>	<b>Stored Beam &amp; Injection</b>
<b>2300-2400</b>	<b>Measure MPS dump orbit signatures</b>	<b>Emery</b>	<b>Stored Beam &amp; Injection</b>
	<b>Wednesday, November 11, 2020</b>		
<b>0000-0100</b>	<b>6 GeV instabilities (continued)</b>	<b>Emery</b>	<b>Stored Beam &amp; Injection</b>
<b>0100-0300</b>	<b>PAR training (23-07)</b>	<b>Ronzhin/Kimbro</b>	<b>Limited Injection</b>
<b>0300-0630</b>	<b>OPEN</b>		
<b>0630-0800</b>	<b>Prepare for User beam</b>	<b>OPS</b>	<b>Stored Beam &amp; Injection</b>