

# Machine Studies

## Schedule for Run01-7, 2021

March 8<sup>th</sup> 0800 – March 10<sup>th</sup> 0800

Time	Descriptions	Studiers	SR Status
Monday, March 8, 2021			
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-0930	Gap Scans and update IDGapFF look-up tables	Hahne	Stored Beam & Injection
0930-1030	RF waveguide switch	RF Group	No Beam or Injection
1000-1200	Hi pot IS1	Wright	Access Zone F
1000-1100	Swap S37 blower	Wright	Access Zone F
1030-1200	Install thermocouples on AM and BM magnets	Erwin	Access Zone A
1200-1330	Recover SR system	OPS	Stored Beam & Injection
1330-1800	Set up hybrid mode with Dimtel feedback	Emery Xiao Kallakuri	Stored Beam & Injection
1800-2100	Booster SF/SD optimization with new ramps. Need change rf frequency	Yao, Shang	No Beam & Injection
2100-2300	Booster training	Grodecki/Kimbro	Limited Injection
2300-2400	Open		Stored Beam & Injection

Tuesday, March 9th, 2021

<b>0000-0400</b>	<b>6 GeV Instabilities</b>	<b>Emery</b>	<b>Stored Beam &amp; Injection</b>
<b>0400-0900</b>	<b>Orbit Switch to Hybrid mode</b>	<b>Yipeng</b>	<b>Stored Beam &amp; Injection</b>
<b>0900-1300</b>	<b>Orbit to rf phase feedback experiment (contingent on a repair)</b>	<b>Sereno Brill</b>	<b>Stored Beam &amp; Injection</b>
<b>1300-1600</b>	<b>LB+ TBT DAQ injection studies.</b>	<b>Sereno Brill</b>	<b>Stored Beam &amp; Injection</b>
<b>1600-2000</b>	<b>Sextupole Optimization</b>	<b>Huang, Shang, Emery</b>	<b>Stored Beam &amp; Injection</b>
<b>2000-2200</b>	<b>Booster training (15-23)</b>	<b>Grodecki/Kimbro</b>	<b>Limited Injection</b>
<b>2200-2400</b>	<b>Open</b>		<b>Stored Beam &amp; Injection</b>
<b>Wednesday, March 10th, 2021</b>			
<b>0000-0400</b>	<b>6 GeV Instabilities</b>	<b>Emery</b>	<b>Stored Beam &amp; Injection</b>
<b>0400-0630</b>	<b>Open</b>		
<b>0630-0800</b>	<b>Prepare for User beam</b>	<b>OPS</b>	<b>Stored Beam &amp; Injection</b>