

# Machine Studies

## Draft Schedule for Run01-8, 2023

March 20th 0800 – March 21th 0800

Time	Descriptions	Studiers	SR Status
<b>Monday, March 20, 2023</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>Sereno</b>	<b>Stored Beam &amp; Injection</b>
<b>0930-1030</b>	<b>Refresh SF6</b>	<b>Vac Group</b>	<b>No Injection</b>
<b>0930-1130</b>	<b>K2 medm investigation and disconnect work</b>	<b>Meyer</b>	<b>No Injection K1-K3 down</b>
<b>0930-1130</b>	<b>Test the DLLRF reading when in K2 down mode (coordinate with Meyer)</b>	<b>Yawei</b>	<b>No Injection</b>
<b>0930-1130</b>	<b>Repair water leak at K5 SLED</b>	<b>MOM</b>	<b>No injection</b>
<b>1000-1100</b>	<b>RF group measurements APS-U</b>	<b>Weinands/RF Group</b>	<b>Access Zone F</b>
<b>1000-1130</b>	<b>APS-U contractor tours</b>	<b>Sajaev/ Erdman</b>	<b>Authorized Access Zone A</b>
<b>1000-1200</b>	<b>Johnson controls work</b>	<b>Wright</b>	<b>No Beam S15-22 PS at zero</b>
<b>1200-1300</b>	<b>SR magnet recovery. Inject 24 bunches if possible. Dimtel recovery 24-bunch reference file.</b>	<b>Ops</b>	<b>Limited Injection</b>
<b>1200-1300</b>	<b>S37 scraper conditioning (if beam is available)</b>	<b>Dooling</b>	<b>Stored Beam &amp; Injection</b>
<b>1200-1400</b>	<b>Linac training (07-15)</b>	<b>LaBuda/ Novencido</b>	<b>Limited Injection</b>

<b>1400</b>	<b>Inject 24 bunches if possible</b>	<b>Ops</b>	<b>Limited Injection</b>
<b>1400-1600</b>	<b>Linac console</b>	<b>Schiltz/Fystro</b>	<b>Limited Injection</b>
<b>1600-1800</b>	<b>LEA beam commissioning with HP</b>	<b>Yine Wootton HP</b>	<b>No Injection</b>
<b>1800-2100</b>	<b>Gun beam to BB. no HP</b>	<b>Yine Wootton</b>	<b>No Injection</b>
<b>2100-0100</b>	<b>24-bunch orbit recovery</b>	<b>Yipeng</b>	<b>Stored Beam &amp; Injection</b>
<b>Tuesday, March 21, 2023</b>			
<b>0100-0500</b>	<b>6 GeV RHB-S7S37 scraper lattice optics correction</b>	<b>Emery</b>	<b>Stored Beam &amp; Injection</b>
<b>0500-0700</b>	<b>SCU1 external correctors (C:H1 C:V1)</b>	<b>Emery</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>