



# Machine Studies

## Draft Schedule for Run01-4, 2018

February 19th 0800 – February 20th 0800

Time	Descriptions	Studios	SR Status
<b>Monday, February 19, 2018</b>			
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-0820	Make adjustment to circulator TCU for RF2 and monitor RF2 during gap scans	Goel	Stored Beam & injection
0810-0930	Gap Scans and update IDGapFF look-up tables	Sereno	Stored Beam & Injection
0930-1030	Swap out S13B:Q5	Vargas	No Beam
0930-1130	Swap out quadrupoles	Ackley	No Beam
0930-1130	Test S2/3 raw DB changes	Hillman/Xu	No Beam
0930-1130	Replace F1 LED in SR IK4	Vanis	No Beam
0930-1100	Install Linac RF DB changes	Pietryla	No Injection
0930-1130	Test run HSCU	Smith	No Beam
1100-1200	Measure Booster dispersion for LOCO study. Need to change rf frequency.	Yao	No beam
1200-1300	Test FFT software on iocbbpm3	Lenkszus	Limited Injection
1300-1500	Continue Booster injection controllaw setup after Lenkszus study	Yao	Occasional inj. possible

<b>1300-1500</b>	<b>Make adjustments for RF2 with beam (may continue parasitically during the Sereno's study)</b>	<b>Goel</b>	<b>Stored beam &amp; occ. injection</b>
<b>1500-1830</b>	<b>XBPM alignment and gap scans</b>	<b>Sereno</b>	<b>Stored beam &amp; injection</b>
<b>1830-2130</b>	<b>Injection efficiency dependence on BTS energy</b>	<b>Emery</b>	<b>Stored beam &amp; injection</b>
<b>2130-2400</b>	<b>6 GeV lattice</b>	<b>Emery, Xiao</b>	<b>Stored beam &amp; injection</b>
<b>Tuesday, February 20, 2018</b>			
<b>2400-0100</b>	<b>6 GeV lattice (continued)</b>	<b>Emery, Xiao</b>	<b>Stored beam &amp; injection</b>
<b>0100-0400</b>	<b>ID 4 impedance measurement</b>	<b>Sajaev</b>	<b>Stored Beam &amp; injection</b>
<b>0400-0700</b>	<b>Commissioning simulation</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>