

# Machine Studies

## Draft Schedule for Run02-3, 2020

June 22nd 0800 – June 24<sup>th</sup> 0800

Time	Descriptions	Studios	SR Status
<b>Monday, June 22, 2020</b>			
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-1000	Gap Scans and update IDGapFF look-up tables	Sereno	Stored Beam & Injection
1000-1200	Determine K4 &5 filament voltage	RF Group	Limited Injection
1000-1200	Investigate S:BM analog voltage output	Puttkammer	No Beam
1000-1200	Swap out TFB amplifier in S2	Zabel	No Beam
1200-2400	24 singlet RF Conditioning with Beam	OPS	Stored Beam & inj.
2000-2300	Determine bpms to put back in datapool/RTFB (Parasitic to Rf Conditioning)	Sereno	Stored Beam & inj.
<b>Tuesday, June 23, 2020</b>			
0000-0200	Set-up Transverse Feedback	Emery, Yao	Stored Beam & Inj.
0200-0400	Improve injection efficiency	Emery	Stored Beam & inj.
0400-0600	SR training (23-07)	Ronzhin/Berkland	Stored Beam & Injection
0600-1100	Orbit switch for 24 singlets	Yipeng Sun	Stored Beam &

			<b>Inj.</b>
<b>1100-1300</b>	<b>SR training (07-15)</b>	<b>Grodecki/Berg</b>	<b>Limited Injection</b>
<b>1300-1400</b>	<b>Abort kicker set-up</b>	<b>Harkay</b>	<b>Stored beam &amp; Inj.</b>
<b>1400-1700</b>	<b>Set-up Bunch Purity</b>	<b>Harkay</b>	<b>Stored beam &amp; Inj.</b>
<b>1700-1730</b>	<b>Record Final Tunes, Lifetime for OPS</b>	<b>Sajaev</b>	<b>Stored beam &amp; Inj.</b>
<b>1730-2100</b>	<b>Measurement of Booster chromacity with step function change of sexupole ramps. Booster beam only and change rf frequency</b>	<b>Yao</b>	<b>No SR Beam</b>
<b>2100-2400</b>	<b>LB+ bpm testing sector 27</b>	<b>Sereno</b>	<b>Stored Beam &amp; Inj.</b>
<b>Wednesday, June 24, 2020</b>			
<b>0000-0200</b>	<b>Verify 24 singlet Top-up -- All control laws running, gaps closed to User values</b>	<b>OPS</b>	<b>Stored Beam &amp; Injection</b>
<b>0200-0630</b>	<b>look for horizontal dipole HOMs. 102 mA. 6 GeV or 7 GeV.</b>	<b>Emery</b>	<b>Stored Beam &amp; Inj.</b>
<b>0630-0800</b>	<b>Prepare for User beam</b>	<b>OPS</b>	<b>Stored Beam &amp; Injection</b>