

# Machine Studies

## Draft Schedule for Run03-7, 2022

November 14th 0800 – November 16th, 0800

Time	Descriptions	Studios	SR Status
Monday, November 14, 2022			
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-0930	Gap Scans and update IDGapFF look-up tables	Sereno	Stored Beam & Injection
0930-1130	Replace RF amplifier in S35	Diag group	No beam
0930-1330	Install RF gun in ITS	Waldschmidt	No Injection
0930-1330	Booster lead stacking outside tunnel	Moonier	No Injection
1000-1100	Checkout GainAO setup for datapool	Shang	Authorized Access Zone D
1000-1200	25ID PSS testing	Boron	Authorized Access Zone D
1000-1200	Tunnel rad measurements	Henry/IH	Authorized Access Zone D
1000-1400	APS-U survey network ties	Jansma	Authorized Access Zone D
1400-1500	SR recovery	Ops	Stored Beam & Injection
1500-1700	1Hz/2Hz topup calculation studies	Shoaf, Pietryla, Fystro	Stored Beam & Injection

<b>1700-2100</b>	<b>test Spark splitters in sector 27 and LB+ single pass feature</b>	<b>Brill Sereno</b>	<b>Stored Beam &amp; Injection</b>
<b>2100-2200</b>	<b>Single bunch limit Dimtel</b>	<b>Emery</b>	<b>Stored Beam &amp; Injection</b>
<b>2200-2400</b>	<b>Orbit switch to hybrid</b>	<b>Yipeng</b>	<b>Stored Beam &amp; Injection</b>

**Tuesday, November 15, 2022**

<b>0000-0300</b>	<b>Orbit switch to hybrid</b>	<b>Yipeng</b>	<b>Stored Beam &amp; Injection</b>
<b>0300-0730</b>	<b>ML data collection</b>	<b>Kuklev</b>	<b>Stored Beam &amp; Injection</b>
<b>0730-1130</b>	<b>Install RF gun in ITS</b>	<b>Waldschmidt</b>	<b>No Injection</b>
<b>0800-1000</b>	<b>APS-U FE water header measurements</b>	<b>Clute</b>	<b>Access Zone A</b>
<b>0800-1000</b>	<b>Tunnel rad measurements</b>	<b>Henry/IH</b>	<b>Access Zone E</b>
<b>1000-1100</b>	<b>SR recovery</b>	<b>Ops</b>	<b>Stored Beam &amp; Injection</b>
<b>1100-1300</b>	<b>SR training</b>	<b>Berkland/Hotham</b>	<b>Stored Beam &amp; Injection</b>
<b>1300-1900</b>	<b>27-ID XBPM2 studies with beamline users (open shutter for ID27 – need floor coordinator)</b>	<b>Yang</b>	<b>Stored Beam &amp; Injection</b>
<b>1900-2400</b>	<b>unified feedback studies in sector 27-28, 324 bunches</b>	<b>Kallakuri, Brill, Sereno</b>	<b>Stored Beam &amp; Injection</b>

**Wednesday, November 16, 2022**

<b>0000-0430</b>	<b>ML data collection</b>	<b>Kuklev</b>	<b>Stored Beam</b>
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			<b>&amp; Injection</b>
<b>0430-0630</b>	<b>Linac training</b>	<b>Ronzhin/Weber</b>	<b>Limited Injection</b>
<b>0630-0800</b>	<b>Prepare for User beam</b>	<b>OPS</b>	<b>Stored Beam &amp; Injection</b>