

# Machine Studies

## Draft Schedule for Run03-7, 2024

November 18 0800 – November 19 0800

Time	Descriptions	Studiers	SR Status
<b>Monday, November 18, 2024</b>			
0800-1000	Install BEFI power supply	Kisbaugh	No Beam and no linac beam
0800-0900	Reboot all xbpn iocs	S. Xu	No Beam and no linac beam
0800-1100	Test slow beam abort. Needs Zone F powered.	Paskvan	No Beam and no linac beam
0800-1000	Reboot iocinjtime, iocpar01 and ioclilaser	Hong	No Beam and no linac beam
0800-1200	Verify 8ID wiring	Boron	No Beam and no linac beam
0800-1200	RG2 kicker repairs	Puttkammer	No Beam and no linac beam
0900-1100	Unlock shutters and perform end to end test 4IB & 16BM 13BM end to end test	McNamara/SI/MOM	Zone A & B Authorized Access
1100-1230	Recover SR. Adjust tunes if needed.	Ops, Emery	Stored beam & Injection
1100-1300	Booster training	Sas-Pawlik	Limited Injection
1200-1500	Injector console testing	Fystro/Ramsey	Limited Injection
1230-1500	Septum leakage field with decaying beam, 100 mA, different fill pattern for lifetime?	Borland	Stored beam & Limited Injection
1500-1700	tune RFNS operating current and possibly tweaking of the BLS, 100 mA	Tim Berenc, S. Kallakuri, L.	Stored beam & injection

		<b>Emery</b>	
<b>1500-1700</b>	<b>test running the injection sequencer using different DCCT configuration</b>	<b>Fors, Grass</b>	<b>Stored beam &amp; injection</b>
<b>1700-1800</b>	<b>software testing and optimization with badger in linac</b>	<b>Mohsen</b>	<b>Stored beam &amp; Limited injection</b>
<b>1800-2000</b>	<b>tune up linac, raise k2 and reduce K4 power</b>	<b>Y. Sun</b>	<b>Stored beam &amp; Limited injection</b>
<b>2000-0100</b>	<b>Booster High charge studies</b>	<b>Calvey, Harkay, Mohsen</b>	<b>Stored beam &amp; Limited injection</b>
<b>Tuesday November 18, 2024</b>			
<b>0100-0400</b>	<b>HOM drive response measurements for scanning synchrotron tune, 100 mA</b>	<b>Kallakuri, Emery</b>	<b>Stored beam &amp; injection</b>
<b>0400-0600</b>	<b>(18-06) Injector training</b>	<b>Ops</b>	<b>Limited Injection</b>
<b>0600-0800</b>	<b>Injector training/prepare for user beam</b>	<b>Ops</b>	<b>Stored beam &amp; injection</b>