

# Machine Studies

## Draft Schedule for Run01-7, 2026

March 16 0800 – March 17 0800

Time	Descriptions	Studiers	SR Status
<b>Monday, March 16, 2025</b>			
<b>0800-0900</b>	<b>FOFB rehearsal</b>	<b>Carwardine</b>	<b>Stored beam &amp; injection</b>
<b>0900-1000</b>	<b>Response matrix measurement at 10 mA. Injection stops at 0930h. Stored beam present till 1000h if needed.</b>	<b>Dick Emery</b>	<b>Stored beam &amp; injection</b>
<b>1000-1200</b>	<b>SR console testing</b>	<b>Weber/Berkland</b>	<b>Limited availability</b>
<b>1130-1330</b>	<b>Laser alignment</b>	<b>Dooling</b>	<b>Access Linac</b>
<b>1200-1300</b>	<b>Reboot siocrunctrl2</b>	<b>Xu</b>	<b>No Beam</b>
<b>1200-1300</b>	<b>Turn on S38 gas analyzers</b>	<b>Clute</b>	<b>No Beam</b>
<b>1200-1400</b>	<b>Update LB+ Atten IOC</b>	<b>Grass</b>	<b>No Beam</b>
<b>1200-1400</b>	<b>Investigate FOK</b>	<b>Abid</b>	<b>No Beam</b>
<b>1200-1400</b>	<b>Revert BP Controller in SR Sector 9-5a</b>	<b>Kreps</b>	<b>No Beam</b>
<b>1200-1400</b>	<b>Measure impedance on magnet PTB:Q4</b>	<b>Puttkammer</b>	<b>No Beam</b>
<b>1200-1400</b>	<b>Update MOFB to support setting custom feedback intervals.</b>	<b>E. Chandler</b>	<b>No Beam</b>

1400-1600	M1/M2 power supply “glitch” measurements. Take PSDAQ and TBTDAQ data. 10 mA.	Paskvan	Stored beam & injection
1600-1800	SSA loop tuning for 2.7 mA single bunch injection	Madden Emery	Stored beam & injection
<del>1600-1800</del>	<del>Operator training</del>	<del>Ops</del>	<del>Stored beam &amp; injection</del>
1800	Fill some current in the ring to test some MOFB intervals	Ops Emery	Stored beam & injection
<del>1800-2000</del>	<del>Operator training</del>	<del>Ops</del>	<del>Stored beam &amp; injection</del>
1800-2000	PAR bypass lattice matching tool testing. Need linac beam.	Y. Sun	Stored beam & No Injection
2000	Fill some current in the ring to test some MOFB intervals, if needed	Ops Emery	Stored beam & injection
2000-2200	PAR high charge	Mohsen	Stored beam & limited injection
2200-2400	BTS emittance measurement script	Chenran, Shang	Stored beam & limited injection

Tuesday March 17, 2025

0000-0400	FOFB in S09	Carwardine	Stored beam & injection
0400-0600	SR set up	Emery	Stored beam & injection
0600-0800	Injector training/prepare for user beam	Ops	Stored beam & injection