

# Machine Studies

## Draft Schedule for Run06-2, 2025

February 09 0800 – February 11 0800

Time	Descriptions	Studios	SR Status
<b>Monday, February 9, 2025</b>			
<b>0830-1030</b>	<b>DAQ TBT and PS ioc updates</b>	<b>E. Chandler</b>	<b>No Beam</b>
<b>0830-1030</b>	<b>Update DCCT auto range increment/Update spark bpm ioc for LEA</b>	<b>Grass</b>	<b>No Beam (DCCT)/No Impact (LEA)</b>
<b>0800-1100</b>	<b>RF-3 measurements / power monitor swap</b>	<b>RF Group</b>	<b>No Beam Zone F in Beam Permit</b>
<b>0830-1030</b>	<b>PC gun drive laser alignment</b>	<b>Dooling</b>	<b>Access Linac</b>
<b>0900-1000</b>	<b>Vibration measurements</b>	<b>Preissner</b>	<b>Access Zone A</b>
<b>1130-1300</b>	<b>Check Linac running with 136MHz clock</b>	<b>Hong</b>	<b>Access Zone F</b>
<b>1130-1300</b>	<b>Mount ion probe and neutron probe on the roof of 38-AM</b>	<b>HP group</b>	<b>Access Zone F</b>
<b>1130-1230</b>	<b>Vibration measurements</b>	<b>Preissner</b>	<b>Access Zone F</b>
<b>1130-1300</b>	<b>Install and test the S38 collimator viewport camera</b>	<b>Dooling</b>	<b>Access Zone F</b>
<b>1300-1400</b>	<b>SR RF recovery</b>	<b>RF group</b>	<b>Limited availability</b>
<b>1300-1400</b>	<b>Test of RF detectors</b>	<b>M. Smith</b>	<b>Limited availability</b>

1400-1600	SR console testing	Novencido/ Berkland	Limited availability
1600-1800	TFB timing. reproduce problems on Wed. 2/4/2026	Kallakuri	Stored beam & injection
1800-2000	Operator training (18-06)		Stored beam & injection
2000-0200	S09 R5 FOFB	Weixing, Carwardine	Stored beam & injection
Tuesday, February 10, 2025			
0200-0400	Update linac lattice for RG2 beam	Sun	Stored beam & no injection
0400-0700	PAR bypass emittance measurement	Sun	Stored beam & no injection
0700-1000	Operator console testing (06-18)	Fystro/McBride	Limited injection
1000-1400	MOBO for lifetime, efficiency using 24 families	Kuklev, Borland, Emery	Stored beam & injection
1400-1800	Measure bunch length vs number of bunches and total current to determine gas- and Touschek-scattering components	Borland, Xiang Sun	Stored beam & injection
1800-2000	Operator training (18-06)		Stored beam & injection
2000-2200	PAR bunch length data	Dooling, Mohsen	Stored beam & limited injection
2200-0100	Hysteresis error measurement on SR	Xu	Stored beam & injection
Wednesday, February 11, 2025			
0100-0400	Mode 0 measurement and stability	Kallakuri, Emery	Stored beam &

			<b>injection</b>
<b>0400-0600</b>	<b>Set up SR for operations</b>	<b>Emery, Dick</b>	<b>Stored beam &amp; injection</b>
<b>0600-0800</b>	<b>Injector training/prepare for user beam</b>	<b>Ops</b>	<b>Stored beam &amp; injection</b>