

# Machine Studies

## Draft Schedule for Run03-14, 2025

December 22 0000 – December 23 0000

Time	Descriptions	Studios	SR Status
Monday, December 22, 2025			
0000-0400	S03 FOFB. 10 mA in high charge bunch to allow PAR parasitic study	Carwardine	Stored beam & injection
0000-0200	High charge BDM measurement in the PAR (high charge only)	Mohsen	Stored beam & injection
0400-0600	Operator PAR training	Ops	Stored beam & injection
0600 or 0700	Correct the cabling of MPS chassis	Hong	Stored beam & injection
0600-0700	Check LFB functioning at high gain. Decide on LFB state for next study.	Emery, Cheng	Stored beam & injection
0700-0800	Prepare beam 48 bunches, 130 mA	Emery	Stored beam & injection
0800-0900	Open shutters. Beamlines prepare to measure beam motion. Steer 7BM for calibration (Cheng).	Ops	Stored beam & injection
0800-0900	Steer 7BM for calibration	Cheng	Stored beam & injection
0900-1400	Turn off air handling units one at a time,	MOM, Emery	Stored beam & injection
0900-1400	Measure sector 7 x-ray bpm spectrum (parallel to above)	Cheng	Stored beam & injection

<b>1500</b>	<b>Close shutters, remove stored beam</b>	<b>Ops</b>	<b>Stored beam &amp; injection</b>
<b>1500-1800</b>	<b>BTS measurements</b>	<b>C. Xu</b>	<b>Stored beam &amp; injection</b>
<b>1800-2400</b>	<b>Optimization of lifetime and efficiency in operations lattice</b>	<b>Borland, Kuklev, Emery</b>	<b>Stored beam &amp; injection</b>