

# Machine Studies

## Draft Schedule for Run02-3, 2026

June 8 0800 – June 9 0800

Time	Descriptions	Studiers	SR Status
<b>Monday, June 8, 2025</b>			
<b>0800</b>	<b>No response matrix measurement today</b>	<b>Nobody</b>	<b>No Beam</b>
<b>0800-0900</b>	<b>Full conditioning of SR magnets</b>	<b>Ops</b>	<b>No Beam</b>
<b>0800-0930</b>	<b>Ranging a PAR thyatron</b>	<b>Puttkammer</b>	<b>No beam</b>
<b>0800-1200</b>	<b>Adjust S36-C4 circulator bias and optimize amplitude and phase adjustments on S36-C4</b>	<b>RF Group</b>	<b>No Beam</b>
<b>0800-1200</b>	<b>Perform updates to the Sector 36 PLC operating program and check calibration of S36 SSA rf power readback values.</b>	<b>RF Group</b>	<b>No Beam</b>
<b>0800-1000</b>	<b>SR FOK controls update</b>	<b>Hong</b>	<b>No Beam</b>
<b>0930-1200</b>	<b>PAR console testing</b>	<b>Lawson/Fystro</b>	<b>Limited Injection</b>
<b>1000-1200</b>	<b>Remote ID01 and ID06 magnetic measurement</b>	<b>Li</b>	<b>No Beam</b>
<b>1030-1200</b>	<b>Calibrate BIS PS</b>	<b>Abid</b>	<b>No Beam</b>
<b>1100-1200</b>	<b>Reboot siociramp</b>	<b>Shifu</b>	<b>No Beam</b>
<b>1200-1600</b>	<b>a) Measure ac line-to-rf efficiency of SSA with 200 mA beam b) Response time of RF3 subject to a S36</b>	<b>Horan</b>	<b>SR Beam and Injection</b>

	SSA/cavity trip		
1600-1800	Operator training (08-18)	Ops	Limited injection
1600-1800	CU steering test with beam (during PAR training)	Shang	SR beam and Limited Injection
1800-2200	FOFB	Carwardine	SR beam and Injection
2200-0200	PAR tune measurement	Mohsen	SR beam and Injection
Tuesday June 9, 2025			
0200-0400	Find high-intensity Robinson Instability limit (somewhere below 4.8 MV of main rf voltage)	Emery	Stored beam & injection
0400-0600	SR set up	Dick	Stored beam & injection
0600-0800	Injector training/prepare for user beam	Ops	Stored beam & injection