

Machine Studies

Draft Schedule for Run02-2, 2026

June 1 0800 – June 3 0800

Time	Descriptions	Studios	SR Status
Monday, June 1, 2025			
0800-1000	Check M1 M2 imbalance	PS group	No Beam
0800-1000	Reboot IOCs and test Booster ramps	Xu	No Beam
0800-0900	Add trigger output for S37 and S39 BLMs	Hong	No Beam
1000-1300	SR console testing	Novencido/ Berkland	Stored Beam and Injection
1300-1330	Run linac with 136 MHz clock	Hong	Stored Beam and Injection
1330-1530	M1/M2 Interlock	Smith Borland	Stored Beam and Injection
1530-1800	BTS quad offset	Chenran	Stored Beam and Limited Injection
1530-1600	ID01 BPLD validation	Bui	Stored Beam and Limited Injection
1800-2400	Low betay study (could start earlier)	Borland Sajaev Emery	Stored Beam and Injection
Tuesday, June 2, 2025			
0000-0200	SR magnet family conditioning out of	Emery	Stored Beam

	order with orbit response measurement.		and Injection
0200-0400	Check running at 4.8 MV with 11 cavities and 160 mA to increase lifetime	Emery Kallakuri	Stored Beam and Injection
0400-0600	Open loop stability at high current	Kallakuri	Stored Beam and Injection
0600-0800	Operator Training		Stored Beam and Injection
0800-1000	Troubleshoot PAR dipole	Puttkammer	Limited Injection
0800-1200	SR RF waveguide switch	RF group	No Beam
0800-1200	Repair and validate the S36-C4 circulator. If takes longer then following time slots for Booster and SR can overlap	RF group	No Beam
0800-1200	Install monitoring scopes on S36 vacuum interlock system	RF group	No Beam
0900-1100	PAR fundamental tuner studies	Berenc	Limited Injection
1100-1200	Restore linac to 119 MHz	Hong	Limited Injection
1200-1300	Fill ring to 200 mA (or find maximum) with all 12 cavities working. Check RF4 phase.	Emery	Stored Beam and Injection
1300-1700	run FOFB with two sectors simultaneously.	Carwardine	Stored Beam and Injection
1700-2000	Booster Orbit	Calvey Fystro	Stored Beam and Limited Injection
1700-1900	CU steering server test. Need stored SR beam	Shang Emery	Stored Beam and Limited Injection

2000-2200	ID perturbation measurement that included ID01 (may overlap with earlier booster slot)	Emery	Stored Beam and Injection
2200-2400	Fix coupling in SR (may start early)	Emery	Stored Beam and Injection
Wednesday, June 3, 2025			
0000-0200	Set up SR for operations + orbit response and chromaticity measurements	Emery	Stored beam & injection
0200-0400	Operator training	Ops	Stored beam & injection
0400-0600	Open		Stored beam & injection
0600-0800	Injector training/prepare for user beam	Ops	Stored beam & injection