

Machine Studies

Draft Schedule for Run02-6, 2026

July 3 0000 – July 6 0800

Time	Descriptions	Studios	SR Status
Friday, July 3, 2026			
0000-0200	With current store and present distribution of bunches determine optimum gap voltage for lifetime	Emery, Dick	Stored beam & injection
0200-0300	10 mA response matrix	Dick	Stored beam & injection
0300-0400	Collimator positioning	Dick	Stored beam & injection
0400-0600	Operator training	Ops	Stored beam & limited injection
0600-0800	Open		Stored beam & injection
0800-1200	1. BPM TBT data alignment check 2. Beam loss monitoring calibration with beam	Weixing	Stored beam & injection
1200-1500	RF group Delay Measurement. No beam in booster. Potentially extending into next time slot.	Berenc	No Stored beam & No injection
1200-1500	SR RF work in parallel with above. Investigate cabling of AR Drive amp at RF4	Madden	No Stored beam & No injection
1500-1700	Operator training	Ops	Stored beam & Limited injection
1700-2300	Low-beta lattice commissioning	Borland, Sajaev, Emery	Limited Injection
2300-2400	Check the phase of the tuning loops in S40 and S37 cavities at zero current	Emery	Stored beam & injection
Saturday, July 4, 2026			
0000-0200	Determine quantitatively the effect of detuning S40C4 (at medium currents) on	Emery	Stored beam & injection

	coupler temperature.		
0200-0400	Operator training	Ops	Stored beam & injection
0400-0700	Open		
0700-1000	PAR Spark BPM study at different charges.	Weixing	No Stored beam & No injection
0800-0900	Update BPSC and Septum PS IOCs	B. Chandler	No Stored beam & No injection
1000-1300	LFB studies	Kallakuri	Stored beam & injection
1300-1400	Open		Stored beam & No injection
1400-1600	Operator training	Ops	Limited Injection
1600-2200	Lifetime optimization/consolidation with MOBO.	Kuklev Borland Emery	Stored beam & injection
2200-2400	Single-bunch lifetime versus RF voltage	Borland	Stored beam & injection
Sunday, July 5, 2026			
0000-0200	Operator training	Ops	Stored beam & injection
0400-0600	Open		Stored beam & injection
0600-0700	Operator training	Ops	
0700-1300	Booster high charge	Calvey	Stored beam & No injection
1300-1700	LFB grow-damp measurement	Kallakuri	Stored beam & injection
1700-2400	Lifetime and bunch length measurements at 200 and 100 mA	Borland Emery	Stored beam & injection
Monday, July 6, 2026			
0000-0400	Orbit response and tune change due to M1 or M2 conditioning in wrong order.	Emery	Stored beam & injection
0400-0600	Setup for final week of 216 bunches	Dick	Stored beam & injection
0600-0800	Injector training/prepare for user beam	Ops	Stored beam & injection