

Machine Studies

Draft Schedule for Run01-4, 2026

February 23 0800 – February 25 0800

Time	Descriptions	Studiers	SR Status
Monday, February 23, 2025			
0800-0830	Prepare for 324 bunches and set S36C1 phase correctly	Emery, Madden	Stored beam and injection
0830-1230	324 singlets experiment	AOP/Selected users	Stored beam and injection
1230-1300	Measure Orbit response	Emery	Stored beam and injection
1300-1600	PAR RF12 study	Mohsen	Storead beam & Limited injection
1600-1800	Operator training	Ops	Stored beam & injection
1800-2000	Operator training	Ops	Stored beam & injection
2000-2400	LFB tuning and Injection phase tuning	Kallakuri Emery	Stored beam & injection
Tuesday, February 24, 2025			
0000-0400	S09 FOFB Part I	Carwardine	Stored beam & injection
0400-0800	PTB optimization	Calvey, Fystro, Mohsen	Stored beam & injection

	Start of interventions		
0800-1200	Spot knock RF-5	RF Group	No Injection
0800-1600	SSA work	RF Group	No Beam
0830-0930	Install ITS jumper	Lenner	No Injection
0830-1030	Laser alignment	Dooling	Access Linac
0830-1030	Test the LB+ synthetic data with FOFB and BPLD	Weixing	No Beam
0830-1500	Remove ITS shutters	Clute/RF Group	Access ITS (possibly Linac as well)
0900-1100	Troubleshoot and repair thermocouple	Weghorn	Access Zone F
0900-1200	FODO adjustments	Preissner/Survey	Access Zone F
1000-1200	Troubleshoot PTB:Q7	Puttkammer	Access Booster
1200-1400	Investigate 10-BM PS2 fault	Clute	Access Zone B
1200-1500	FODO adjustments	Preissner/Survey	Access Zone B
1300-1500	FOK measurements	Abid	No Beam
	End of interventions		
1500-1600	SR recovery (may spill over to training period)	Ops	
1600-1800	Operator training	Ops	Stored beam & injection
1800-2000	Operator training	Ops	Stored beam & injection

2000-2400	Measure bunch length and lifetime as a function of number of bunches and total current	Borland, X. Sun	Stored beam & injection
Wednesday, February 25, 2025			
0000-0400	S09 FOFB Part II	Carwardine	Stored beam & injection
0400-0600	Set up SR for operations + orbit response and chromaticity measurements	Emery, Dick	Stored beam & injection
0600-0800	Injector training/prepare for user beam	Ops	Stored beam & injection