

Machine Studies

Draft Schedule for Run03-13, 2025

December 15 0800 – December 16 0800

Time	Descriptions	Studiers	SR Status
Monday, December 15, 2025			
0800-0830	Measure response matrix 9 mA 48 bunches, ID gaps closed. Injection not needed.	Emery	Stored beam
0800-1100	Linac console testing	McBride/Fystro	Limited Injection
0830-0900	Prepare for access zone F	Ops	Access Zone F
0830-1030	BPM synthetic data and check the data flow to the S09 FOFB controller. No beam.	Cheng	Access Zone F
0830-1030	Test L1:CM1	Keane	Access Zone F
0830-1030	Test Volt Monitor Chassis at K6	Yawei	Access Zone F
0900-1000	Mount x-ray monitor on BLS	Fuerst/Kelly	Access Zone F
0900-1100	Test BPM synthetic data and FOFB	Weixing	No Beam
1000	Close Zone F	Ops	No Beam
1100-1400	SR console testing	Berkland/Sas-Pawlik	No Beam
1100-1400	Test SR pulsers. no beam, say during SR magnet conditioning	Paskvan	Parasitic/ Coordinated with MCR console test
1100-1400	Test run Zone F for noise measurements	Kreps	Parasitic/ Coordinated

			with MCR console test
1100-1400	Adjust RF3 phase loops to have more range. No beam.	Madden	Parasitic/ Coordinated with MCR console test
1400-1500	SR beam checkout	Emery	Stored beam & injection
1500-1700	BLS Quench investigations (various tunings as well)	Fuerst, Kelly, Berenc	Stored beam & injection
1700-2100	HOM investigations	Kallakuri	Stored beam & injection
1700-2100	PAR streak camera, parasitic to stored beam of above	Osama	Stored beam & injection
1700-2100	S09 FOFB with beam. Parasitic.	Cheng	Stored beam & injection
2100-0100	RG1. Need scope from diag group. Fill ring to 10 mA, 2 nC bunches for continued parasitic studies.	Sun	Stored beam & Limited Injection
2100-0100	S03 FOFB with beam. Parasitic.	Carwardine	Stored beam & injection
Tuesday December 09, 2025			
0100-0600	Optimization of lifetime and efficiency with hysteresis control. Need sextupole conditioning at end.	Borland, Kuklev	Stored beam & injection
0600-0800	Injector training/prepare for user beam	Ops	Stored beam & injection