

	BSList #	Beam Study	Destination	Status	Completed?
1	109226	Transmission test through Faraday Cup 2	Injector	Done (with single wound solenoids, old gun and bad solenoids @ 180 keV) Fall 2023	No, must repeat few times
2	22052	Beam noise assessment in injector with new helicity board at 2 kHz	Injector	Done (with old helicity board) Fall 2023	No, must repeat few times
3	109334	Adiabatic Damping within upgraded Injector	Injector	Done (with single wound solenoids, old gun @ 180 keV) Fall 2023	No, must repeat few times
4		Beam monitor resolution assessment at 2 kHz in Injector	Injector		
5	109792	Solenoid Wien flip symmetry test	Injector		
6	109230	Vertical Wien flip symmetry test	Injector	Done (with single wound solenoids, old gun @ 180 keV) Fall 2023	No, must repeat few times
7	109791	Wien flip frequency study to find how long between flips	Injector		
8		Study small changes to Wiens angles for polarization feedback	Injector		
9		Beam noise in Hall A test with new helicity board at 2 kHz	Hall A		
10	109569	Hall A BCM resolution study	Hall A		
11		Sensitivity measurement of helicity magnets to Hall A	Hall A		
12	109227	Chopper scan	Injector	Done (with single wound solenoids, old gun @ 180 keV) Fall 2023	No, must repeat few times
13		Transition time measurements with new HV driver for different RTP voltage settings	Laser Table		
14	109345	RTP cell position difference feedback test in injector	Injector	Done (with single wound solenoids, old gun @ 180 keV) Fall 2023	No, must repeat few times
15		Beam noise test in Hall A at 11 GeV at 2 kHz	Hall A		
16		Sensitivity measurement of helicity magnets to Hall A at 11 GeV	Hall A		
17		Characterize laser properties at Pockels Cell and at photocathode, adjust if necessary	Laser Table		
18		RTP cell alignment with spot size asymmetry measurements at 2 kHz	Laser Table		
19		Tune beam test for timing of monitors	Injector & Hall A		
20	110062	Hall A Fast Feedback (FFB) Testing - Restoration Runthrough	Hall A		
21		Test FFB system in Hall A with 2 kHz data taking	Hall A		
22		Test FFB system in Hall A at 11 GeV with 2 kHz	Hall A		
23		Study position feedback using helicity magnets	Injector		
24		Scan skew quad (phase / focus) near OL03 to increase damping	Injector		
25		Adiabatic damping to Hall A at 11 GeV- measure and attempt optimization method	Hall A		
26		Monitor resolution test at 2 kHz in Hall A (new BPMs, BCMs)	Hall A		
27		Test rayTrace (adiabatic damping)	Injector		
28		Beam setup through Hall A Compton Polarimeter	Hall A		
29		Test beam modulation in Hall A beamline	Hall A		
30		Test phase advance in Hall A beamline	Hall A		
31		Study photocathode effects from Klong beam	Injector		
32		Study beam loading in SRF linacs with Klong beam	Hall A & Hall D		