

TASK (To Do, In Progress, Completed)	Status
Commissioning I (499MHz, 6.3MeV, Pz)	
Calibrate BCM to FC2	Done, written
Configure and test BCM FSD	Tested
Open Mott valve and check vacuum	Tested, OK
Test target ladder motion and FSD	Tested, OK
Test beam setup script	Action Generated
Verify beam to target ladder OK	Tested, OK
Test ladder position with beam on viewer and thru hole	Data collected
Setup CW beam to 1 um target foil	Accomplished, OK
Set HV for detector pulse height	Set, but refine
Set coincidence trigger	Set, but refine
Set timing trigger	Set, but refine
DAQ checkout for FADC, TDC, xScaler	Tested, OK
Detector rate vs. target thickness and Z	Data collected
Geometric asymmetry	Data collected
Detector rate and dead time vs. current	Data collected
Detector asymmetry vs. helicity pick-up	
Detector asymmetry vs. charge asymmetry (IA)	
Detector rate vs. beam position on multiple foils	
Detector asymmetry vs. position asymmetry	
Commissioning II (499/31MHz, 5.0MeV, Px/Py/Pz)	
Set beam energy to 5.0MeV crested	
Compare transition from 499MHz to 31MHz	
Study dump using thru hole (analyzing power, rate from dump/ladder)	
Measure asymmetry vs. time to test reproducibility	
Measure asymmetry vs. rate	
Measure asymmetry vs. spin angle check Wien filter and alignment	
Measure asymmetry vs. position	
Measure asymmetry vs. spot size	
All foils (rates, energy spectra, timing spectra, signal, background)	
Commissioning III (31MHz, 3-8 MeV, Px/Py/Pz)	
Measure energy, energy spread, emittance	
Determine control of spot size at target	
Measure rate, background, asym. w/ 1um Au Px each energy tested	
Define what is meant to set at different beam energies	
Determine acceptable range of beam energy	
Complete any Aluminum dump measurements	