**PUNCHLIST**

**< 500keV**

* Repair x/y stepper chassis
* Insert A2 aperture
* ~~1D leak check~~, reconnect valve, terminate cavity
* Laser walkthrough

**> 500keV**

* ~~5D alignment~~, ~~leaky fitting~~, dump picoammeter and lead hut
* Mott target ladder
* FC2 LCW
* Bellows gronk after BCM0L02

**Commissioning Test Plans**

* Setup and HCO
  + (Marcy) Beam to PCUP
  + (Joe) Setup 5D spectrometer
  + (Riad) Setup 3D Mott
  + (Matt) Test beam modes and diagnostics
* Test Applications
  + (Marcy) QE Measurement and Analyzer
  + (Joe) Injector steering (spot move, spin change)
* Calibrations
  + (Matt) HVPS vs. PCUP current calibration
  + (Riad) BCM0L02 vs. FC2 current calibration
* Beam Quality
  + (Joe) Measure 130keV emittance
  + (Riad) 60Hz and helicity pickup measurements

**Beam Study Test Plans**

* (Matt) Brock cavity
* (Joe) Pulse picking