

## E03-101 switchover checklist

### Beam:

- Change from 3 pass to 1 pass (MCC)

### Moller:

- 2 hours in hall to work on quad power supply (Chudakov?)
- checkout (Chudakov)

### Radiator:

- Install new control cable (Folts) – requires radcon support around target because the radiator sits there
- Install manual control system (Gilman)
- Install monitor camera (Folts)
- Test operations (Gilman)
- Re-commission with beam (Gilman)

### Target:

- Switch to  $^3\text{He}$  (now expect  $^4\text{He}$  to be the target before switchover) (Meekins)  
– I believe this does not require opening scattering chamber or working near it

### Spectrometers:

- Lower momentum to 0 GeV/c (shift)
- Set angles corresponding to 90 deg cm @ 1 GeV (shift)
- Switch so both positive polarity (Folts)
- Set momenta to photo-disintegration kinematics after polarities correct (shift)
- HRS-right is expected to be between 14 and 64 degrees.
- HRS-left is expected to be between 41 and 120 degrees.

### Detector stack:

- Install S0 for efficiency check 2/3 trigger? (Segal?)
- Check detector voltage settings okay – not for helium (Camsonne?)
- Turn on FPP, check out – requires access to stack (Gilman? Jones? Jiang?)

### DAQ:

- clean up old experiment, set up new one (ROM)
- Put in our scripts / analyzer and check out (Ishay)
  - run start
  - run end
  - analysis
  - Quality control tool
- Reset coincidence delay time – may require access to detector stack? (ROM)