Hall C Experiment Readiness Review
Jefferson Lab August 24-25, 2016

It includes:

- The high-current beam delivery at energy larger than 6 GeV.
- The E12-06-107, E12-10-002, E12-10-003, E12-10-008, E12-09-017, E12-09-011, E12-09-002 experiments.
- The scattering chamber and targets for commissioning and first year of physics experiments.
- The SHMS & HMS and detectors as needed for these experiments.

Charge

1. Has the entire beamline, target, spectrometers, detector configuration been defined (including ownership, maintenance and control during beam operations)?
2. Does the beam line allow small-angle operation of the SHMS and have the fringe field effects been properly mitigated?
3. Have the specific equipment been demonstrated for readiness to operate the spectrometers? This includes magnets, detectors and DAQ. Is all the necessary equipment installed and operable? If not, what are the completion/commissioning schedule and procedures?
4. Are the formal documentation requirements and reporting (run coordinator → shift leaders) procedures for running the experiment adequate, appropriate and complete (COO, ESAD, RSAD, ERG, OSP's, general equipment operation manuals, etc.)?
5. Are the beam commissioning procedures and machine protection systems in place? Are the calibration procedures for the dump ionization chambers in place?
6. Are the radiation levels expected to be generated in the hall acceptable? Is any local shielding required to minimize the effects of radiation in the hall equipment?
7. Have all the jobs that need to be done to mount, run and analyze the

experiments been identified and defined adequately?

8. Are the responsibilities for carrying out each job identified, and are the manpower and other resources necessary to complete them on time in place?