

Hall D E12-13-008/ E12-13-008A
Experiment Readiness Review
Jefferson Lab xxx, 2021 – remote

Charge

1. What are the running conditions for the experiments? Please state clearly the target, detectors, beamline configurations and operation as well as the integration of the Muon Detector (for E12-13-008) in Hall D. Has the detectors ownership, maintenance and control during beam operations been defined?
2. What is the status/performance requirements of the new installations required for these experiments? Specifically:
 - The Multi-wire proportional chambers
 - The downstream platform, support structure and iron absorbers
 - The Pb target
 - The new trigger configuration (for E12-13-008)
3. If not completed, what are the completion/commissioning schedules, tasks and user commitment?
4. Are there any potential non-standard hazards or tasks, for example is there any temporary structure needed for the experiments that require access?
5. What are the expected data rates for the experiments (both physics data rate and background rates)?
6. Are the responsibilities for carrying out each job identified, and are the manpower and other resources necessary to complete them on time in place?
7. Are the beam commissioning procedures and machine protection systems sufficiently defined for this stage?
8. What is the simulation and data analysis software status for the experiment? Has readiness for expedient analysis of the data been demonstrated? What is the projected timeline for the first publication?
9. What is the status of the specific documentation and procedures (COO, ESAD, RSAD, ERG, OSP's, operation manuals, etc.) to run the experiments?