

ERL Commissioning items that will not be in place/ready by 05/19/15

Power supply/magnets:

- 2 Small quadrupoles of ERL returning loop will be installed in June.
- 90% of all Shim PS, MCOR buckets 1 & 2, and all 5 Kepco PS have been tested.
- The Main Dipole along with MCOR bucket #3 will be tested during week of May 25

Instrumentation/ control:

- Programming and full installation of DCCT PXIe monitoring system.
Completion of the programming and installation of the DCCT PXIe monitoring system shall be a post ARR II prestart action item.

Vacuum I&C Integration:

- New Faraday Cup ion pump requires termination.
- Control PET pages are reporting ERL loop gauges ion pumps and valves. The valve PET page still requires some more effort to be 100% complete.
- The programming for the Vacuum I&C MPS interface is constructed. Some effort to complete gun to dump permission and ERL Loop beam permission is still needed.