

Hall A Dipole PLC Project Status

May 22, 2019

DSG Staff: Brian Eng, Tyler Lemon

1. Reviewed PLC Test Procedure

- 1.1. Tyler performed the procedure to confirm previous results
 - 1.1.1. Found some typos which were corrected in the procedure

2. Tested discrepancies in PLC Test Procedure

- 2.1. Tested procedures on the old PLC in Hall A to see if it matches what happens on the new PLC in the EEL
- 2.2. All differences were in the text, what actually happens matches the code
 - 2.2.1.1. The M3 & M4 indicators turn on during the lamp test (text says no change during test)
 - 2.2.1.2. All of the warning faults and contacts need to be reset to clear the error (no mention of reset for those in text)
 - 2.2.1.3. In Remote Mode pressing Local Stop has no effect (text says the supply shuts off) [emergency stop will still turn off the supply]