

DSG-EIC DIRC Meeting

Date: March 20, 2023

Time: 11:00 PM – 12:00 PM

Attendees: Greg Kalicy, Tyler Lemon, and Marc McMullen

1. AC unit for EEL 108 sub-room

Walt Akers, Carroll Jones, Greg Kalicy, Tyler Lemon, and Marc McMullen

1. Unit's vent into room should be on the wall opposite the entry door
2. Vent should not blow air onto optical table
3. Unit output should have a HEPA filter
4. Meeting with Walt Akers and Carroll Jones (facilities management) will be scheduled to discuss installation requirements of unit

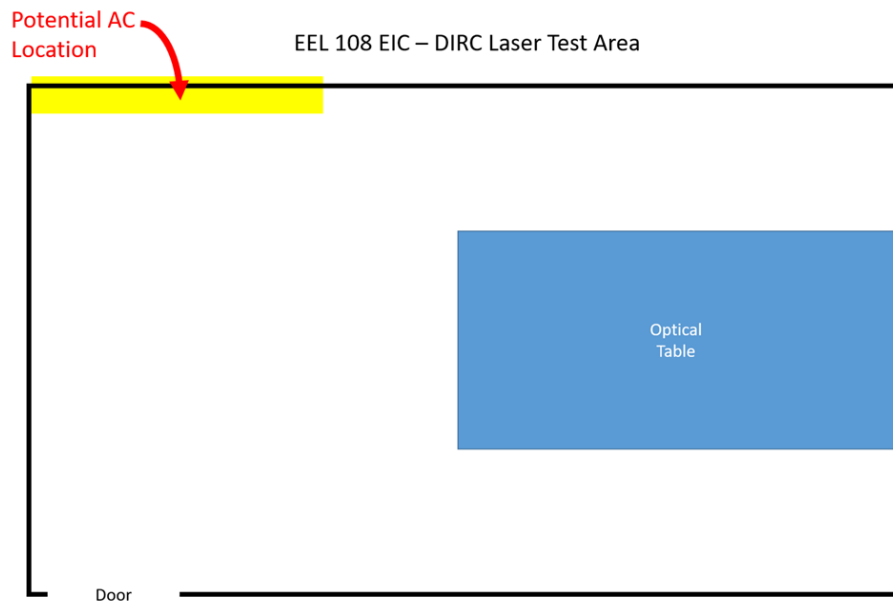


Diagram of EIC-DIRC laser test area showing where AC unit vent should go

2. Detector components that will be disassembled to retrieve bars still expected in late May 2023

1. Three reference bars are on hand to align and verify test station set up once the laser control area is fully set up

3. Marc McMullen is writing safety documentation on bar disassembly and cleaning process

4. Greg Kalicy will distribute to group analysis programs used at GSI for previous laser tests

5. Procurements

Tyler Lemon and Greg Kalicy

1. Tyler Lemon submitted a PR for additional laser interlock items
 - Sidewall position sensors
 - Expert mode key switch
 - 5 V DC-to-DC converter for interlock circuit
 - Op-amps for photodiode readout R&D
 - Black aluminum tape to assist in making area light tight

2. Greg Kalicy making arrangements to procure outstanding test station items
 - Diffusers for photodiodes
 - Controller for rotary stages
 - Remaining linear stages
3. More items will be procured in upcoming days
 - Light switch cover
 - Sweep button and enclosure
 - Sidewalls
 - Sidewall hinges and holders