

DSG-EIC DIRC Meeting

Date: January 9, 2022

Time: 11:00 AM – 12:00 PM

Attendees: Peter Bonneau, Aaron Brown, Imani Burton, George Jacobs, Tyler Lemon, and Marc McMullen

1. Safety documentation will be submitted for official review by January 13, 2023

Marc McMullen

2. Possible additions to laser interlock system

Tyler Lemon

1. Remotely enable/disable the laser without triggering an interlock
 - Option 1: Additional relay controlled by DAQ system in series with interlock system
 - Option 2: Beam blocker that is moved in to/out of beamline by DAQ system
2. Monitoring room's darkness levels

3. Additional procurements for laser interlock system

Tyler Lemon

1. Tyler Lemon will distribute detailed list of items before submitting for procurement
2. Items needed
 - Optical table sidewall position sensors
 - Key switch for expert override
 - Magnetic lock override button
 - Sweep button
 - Cables, connectors, and feedthroughs
 - Low-light camera for remote viewing when tests are in progress

4. Dimensions of EIC-DIRC bars to be tested

Imani Burton, Tyler Lemon, and Marc McMullen

1. One bar will be approximately 48" x 1.18" x 0.67"

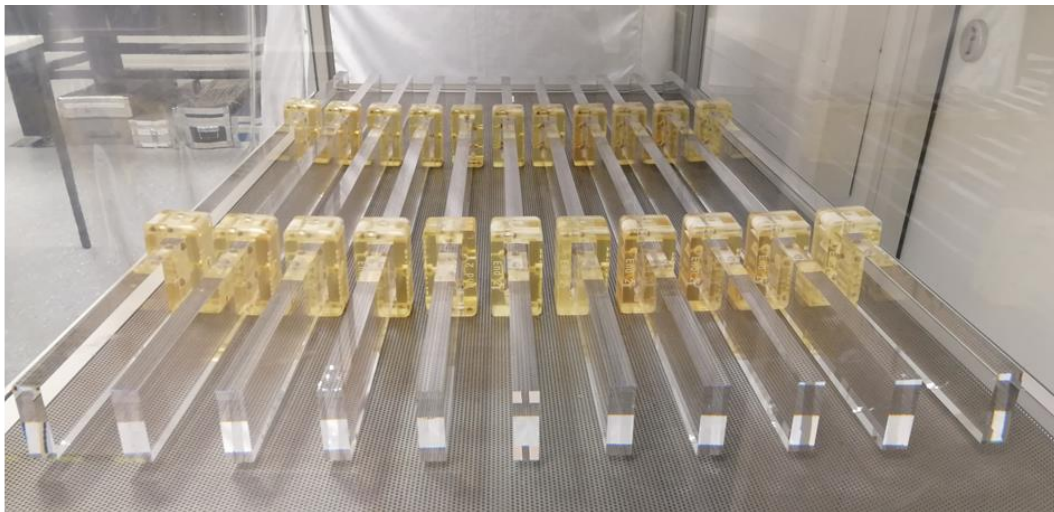


Photo of several bars in storage during previous tests at GSI.

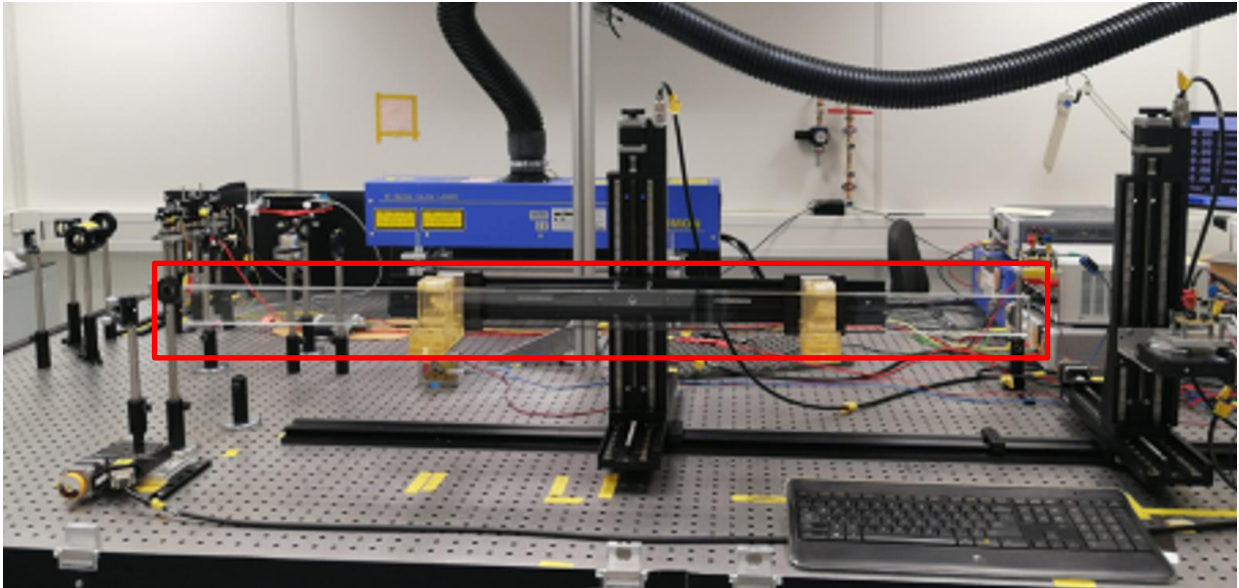


Photo of one bar, in red box, installed into previous test station at GSI, mounted on linear stages.