

DSG-EIC DIRC In-Person Meeting

Date: December 4, 2023

Time: 2:00 PM – 3:00 PM

Attendees: George Jacobs, Greg Kalicy, Tyler Lemon, and Marc McMullen

1. 3D printing of quartz bar clamps and fixtures

Greg Kalicy and Tyler Lemon

1. One clamp and fixture for holding quartz bars during acceptance tests fabricated and verified by Greg
2. Remaining quantity:
 - Seven clamps
 - Three fixtures
3. Will need to buy additional filament for remaining quantity:
 - Two spools of black tough-PLA; estimated cost \$100 each (\$200 total)
 - One spool of natural PLA; estimated cost \$50
 - One spool of break-away support filament; estimated cost \$70

2. Gas system for shipping crate air suspension system

George Jacobs, Greg Kalicy, and Beni Zihlmann

1. George is designing diagrams for system and compiling parts list
2. Air compressor will be used to supply system with air
3. Greg will ask previous collaborators on how remote monitoring of gas system during transport was done for previous DIRC quartz bar shipping in 2018

3. Tyler Lemon will compile general list of items still needed to buy and of work required to have crates ready to leave JLab by January 18, 2024