

DSG-EIC DIRC Meeting

Date: October 2, 2023

Time: 2:00 PM – 2:30 PM

Attendees: George Jacobs, Tyler Lemon, Jennifer Williams, and Beni Zihlmann

1. Modifications of quartz bar shipping crates

George Jacobs, Greg Kalicy, Tyler Lemon, and Beni Zihlmann

1. Tyler contacted Shoreline Industries for a quote for wooden brackets
 - No reply received yet; will follow up by Wednesday, October 11
2. If quote states that work cannot be completed by mid-November, other alternatives will be investigated

2. Quartz bar cases

George Jacobs, Tyler Lemon, Jennifer Williams, and Beni Zihlmann

1. Received four cases used to store disassembled quartz bars
 - Each case contains padding to support quartz bars
2. Cases stored inside EEL 108 EIC DIRC laser area



Photo showing three sets of padding for bars inside of a quartz bar case. Middle set is opened to show both halves of padding and cutouts for bars. The other two sets are on their sides.

3. Quartz bar disassembly process

George Jacobs, Greg Kalicy, and Beni Zihlmann

1. Multiple quartz bars are glued end-to-end to make one, 4-m long bar
2. Several 4-m bars are glued to an end plate
3. Entire assembly is encased in an aluminum box
4. General procedure
 - Remove aluminum box from crate
 - Move entire aluminum box into disassembly area
 - Remove aluminum box
 - Remove end plate from 4-m bars
 - Disassemble 4-m bars into shorter ~1.5-m bars
5. Beni will get information as to dimensions and weight of aluminum box