

DSG-EIC DIRC Meeting

Date: October 16, 2023

Time: 2:00 PM – 2:30 PM

Attendees: Peter Bonneau, Aaron Brown, Imani Burton, George Jacobs, Greg Kalicy, Tyler Lemon, Marc McMullen, Joe Schwiening, and Beni Zihlmann

1. Approval received from Department of Energy to move forward with shipping

1. SLAC needs two weeks' notice of shipment
2. JLab is waiting on modifications and additions to shipping crates

2. Support brackets for shipping crates

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

1. Wooden brackets:
 - Shoreline Industries sent information about brackets via email to Jeff Zolden on October 16, 2023
 - Representative from company is often at JLab and can meet with us this week
 - Details on meeting time to be determined; waiting on reply from company
 - George will check whether wooden braces on hand from old shipping crates fit properly in new crates received
2. Aluminum brackets:
 - Tyler will re-send design and web quote for aluminum brackets and quote review

3. Shipping crate air support system

Greg Kalicy and Beni Zihlmann

1. System used to create an air-cushioned support system for crate's interior basket to dampen any vibrations or jars during transportation
2. Table of items needed below
 - Greg will verify final quantities

Item	Total Quantity Needed for Six Crates
air spring	72
regulator	3
check valve	74
orifice	1
pressure gauge	2
remote pressure sensor	2
Skid-Mates (external feet for crate)	?
extension dampers	?
draw latches	?

3. P&ID sketch of air-cushioned support system to be used in crates
 - Gas used to pressurize supports to be determined

AIR SPRING GAS SYSTEM

