

DSG – EIC DIRC Meeting

Date: February 26, 2024

Time: 1:30 PM – 2:00 PM

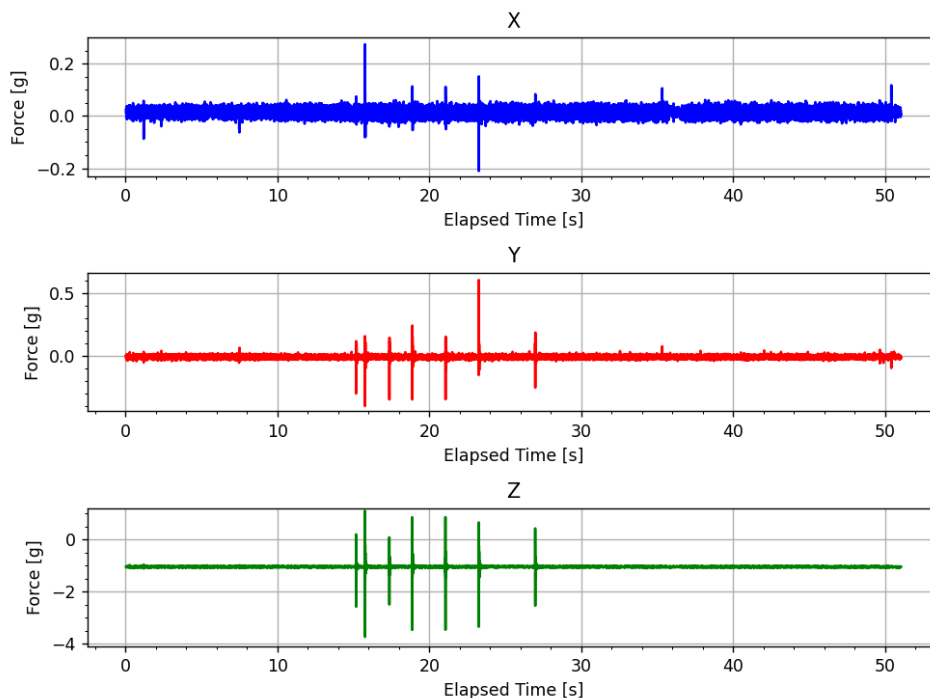
Attendees: Peter Bonneau, Brian Eng, George Jacobs, Greg Kalicy, Tyler Lemon, and Andrew Lumanog

1. Barbox shipping crates

1. Crates will be loaded at JLab for departure to SLAC on April 1, 2024
2. Pressure system design authority (DA) changed to Dave Meekins
3. Remote pressure monitoring during shipping
 - Visual indicator light that turns on when pressure drops below a threshold
 - Pressure switch toggles contacts at a set threshold, completing a circuit to power a light on the truck that can be seen by chase car or truck driver

2. Shock test accelerometers' plotting

1. Program developed to read data from USB accelerometers and create x -, y -, and z - axes plots
2. Recommend getting USB hub and extension cables so all ten accelerometers can be read from one connection point without having to remove them from crate
 - Gives added benefit that accelerometers can be set up to automatically start logging when removed from USB connection, so all ten accelerometers would start logging at the same time



Screenshot of accelerometer's x -, y -, and z -axis measurements during benchtop test. Spikes in plots are from bumping table near accelerometer.