

DSG-EIC DIRC Meeting

Date: February 12, 2024

Time: 12:00 PM – 1:00 PM

Attendees: Sarah Ballard, Brian Eng, Caleb Graham, George Jacobs, Greg Kalicy, Tyler Lemon, Andrew Lumanog, Marc McMullen, Matt Shepherd, and Beni Zihlmann

1. Shipping crate update

1. Tested crate with mock-up of box to hold bars
 - Lifting support will have slots cut into it to make installing onto barboxes easier
 - Support foam in bottom of box will be trimmed to give more clearance for lifting support
2. Two of six crates almost completed
 - Two modified crates need interior support foam trimmed to accommodate the lifting support

2. Compressed air system for shipping crates' suspension

1. System will be modified to use one set of regulators per truck (two trucks) as opposed to one set of regulators for each crate (eight crates)
 - One set of regulators consists of one regulator for controlling pressure in crates' vertical air springs and one regulator for controlling pressure in crates' horizontal air springs
 - One set of regulators per truck makes it easier to ensure that all four crates use the same pressure settings
2. Three compressors will be used
 - One per truck (two total) plus one spare
3. Remote pressure monitoring not needed
 - Shipping company will be directed to check the pressures of the crates' gauges periodically during stops



Photo of interior of one modified crate showing foam supports and air-suspension tubing.