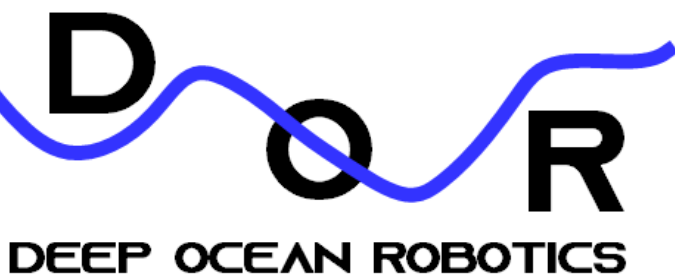


Company Specifications Sheet



From top-left > bottom-right: James Blaine (CEO), Elis Karcini (Director of Finances), Olivia Freeman (Director of Safety), Lilly McDonald (Director of Marketing and Documentation), Nathaniel Kinonen (Director of Programming), Shawn Steakley (Head of SRT Operations)

The Design Team

Deep Ocean Robotics is a small company based in Alvin, Texas, making the travel to the competition approximately 1000 miles. The company was formed as an open offer through a local homeschooling organization. As such, the team is primarily homeschooled.

The team participated in MATE once before in 2019, scoring second place at the regional competition and participating in the International competition as well. All of the current team members are returning except for Elis, our Director of Finance, who joined the company early this season. The company's education level ranges from high-school juniors to college freshmen.

HECS Specifications

Name: Hexagonal Environmental Conditions Surveyor (HECS)

Cost: \$1037

Dimensions: 51.43cm x 54.93cm x 35.56cm

Weight: 10.96kg

Work Hours (Per Member): Approximately 150hrs

Safety Features: 3D-printed thruster caps on both ends of each motor shroud, strain relief clamp on both ends of tether, wires secured and organized with cable ties, 25A fuse, onboard electronics sealed in epoxy.

Special Features: 3D-printed manipulator claw,

3D-printed micro-ROV, three piloting cameras, high-resolution image recognition camera, water-resistant onshore control housing.

