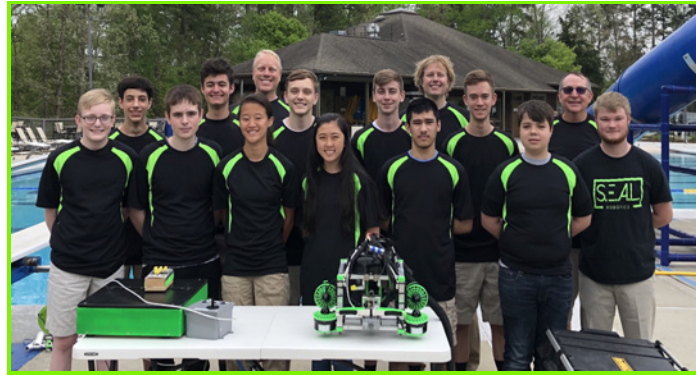


Company Spec Sheet

ROV - *Mako*

190 miles to MATE International Competition in Kingsport, TN



Team Member	Role	Year in MATE	Grade
Oliver Voorhees	C.E.O., Lead Engineer and Programmer	Third	12
Logan Smith	Chief Safety Officer	Third	11
Nathan Ruppel	Challenge Design Expert	Third	11
Ben Liebkemann	Lead Team Programmer	Third	9
Owen Voorhees	Programmer, Fabrication, Electrical Expert	Second	9
Marissa Maynard	Tether Manager and Construction Expert	Second	9
Jonathan Bacon	Challenge Expert and Team Lead	Second	9
Michael Scutari	Programmer, specializing in Image Recognition	First	9
Clay Austin	Programmer and Fabrication Expert	First	9
Quinn Welch	Mechanical Engineer, CAD, Fabrication Expert	First	9
Li Yan Snyder	Fabrication and Construction Expert	First	9
Phillip Szypulski	Electrical, Fabrication, Construction Expert	First	7
Ned Voorhees, Walt Liebkemann, Kurt Ruppel, Brock Longley, Robert Welch, Austin Ramey, and Stephen Austin	Team Mentors	Brock and Austin-Third, Walt, Kurt, Ned-Second, Robert and Stephen-First	

Total cost for Building Mako \$3831.00
Total hours for Design, Build, and Testing of Mako 2,592 hours
Mako's Dimensions H= (35.5cm) W= (50.8cm) L= (50.8cm) Weight = 11.2 kg

Standout Features:

- All thrusters shrouded, and sharp corners have protectors for safety in handling.
- Critical electronics located on dry land for reliability.
- Depth control software can navigate to a target depth, or maintain a consistent depth.
- Custom Graphical User Interface showing all ROV systems.