## Company Spec Sheet

### ROV - SEALbot

2,480 miles to MATE World Championship in Long Beach, CA

### Team Member | Role | Year in MATE | Grade
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Michael Scutari | C.E.O, Programmer, Tech Writer | Fourth | 12
Jonathan Bacon | Project Manager, ROV Pilot | Fourth | 12
Owen Voorhees | Lead Electrical Engineer, Programmer | Fourth | 12
Ben Liebkemann | Lead Team Programmer | Fifth | 12
Quinn Welch | CAD Designer, Fabricator, Mechanical Engineer | Fourth | 12
Marissa Maynard | Mechanical Engineer | Third | 12
Phillip Szypulski | Video Expert, Electrical Engineer | Fourth | 10
Clay Austin | Mechanical Engineer and Tech Writer | Third | 12
Ned Voorhees | Team Mentor | Fourth |
Kurt Ruppel | Team Mentor | Fourth |

**Total Cost for Building SEALbot** ................................................................. $7899.65

**Total hours for Design, Build, and Testing of SEALbot** ........................................... 2,468 hours

**SEALbot’s Dimensions** ..........................  H= (33.0cm) W= (40.6cm) L= (41.9cm)  Weight = 10.2 kg

**Safety and other Standout Features:**
- Safety: Shrouded thrusters and multiple fail safes built into drive software.
- Dual Grippers (Front and Rear). Eight thrusters utilized for impressive maneuverability.
- Stability and precision software controls navigates to a target depth, or maintain consistent depth.
- Custom Graphical User Interface showing all ROV systems.