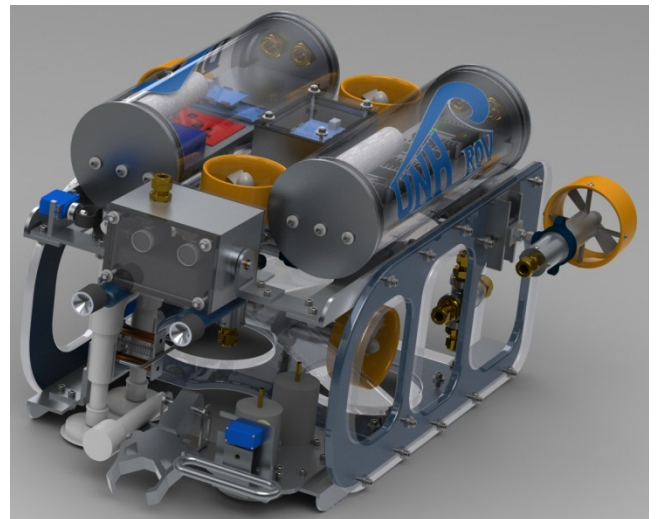


|  |  |
|--|--|
| <b>Company Name</b>                      | UNH ROV                                      |
| <b>School</b>                            | University of New Hampshire                  |
| <b>Home State</b>                        | Durham New Hampshire                         |
| <b>Distance to Internationals</b>        | 1,350 miles                                  |
| <b>History of MATE ROV Participation</b> | 2009: Regionals Only<br>2010: Regionals Only |

|  |   |
|--|---|
| <b>Khanh Nguyen</b><br><i>Mechanical Engineer</i>          | CEO<br>Equipment Engineer<br>Communication Lead               |
| <b>Matthew W. Normandeau</b><br><i>Mechanical Engineer</i> | CTO<br>Controls Engineer<br>Electronics                       |
| <b>Mike LeVeille</b><br><i>Computer Science</i>            | Chief Programmer<br>Electronics and Controls                  |
| <b>Thomas Provencher</b><br><i>Mechanical Engineer</i>     | Propulsion Engineer<br>Equipment Engineer<br>Chassis Engineer |
| <b>Raymond Jones</b><br><i>Mechanical Engineer</i>         | Propulsion Engineer<br>Equipment Engineer<br>Chassis Engineer |
| <b>Matthew Mazzola</b><br><i>Mechanical Engineer</i>       | Chassis Engineer<br>Mission Mock Up Planner                   |
| <b>Alexandra Washakowski</b><br><i>Mechanical Engineer</i> | CFO<br>Chassis Engineer<br>Mission Mock Up Planner            |



Left to Right: Matthew W. Normandeau, Mike LeVeille, Raymond Jones, Thomas Provencher, Khanh Nguyen, Matthew Mazzola, Alexandra Washakowski



2012 UNH Underwater ROV

|                             |  |
|-----------------------------|--|
| <b>Total Cost</b>           | \$ 4243.37   |
| <b>Weight</b>               | 36.3 kg  |
| <b>Major Materials Used</b> | Aluminum Alloy 6061 and Lexan  |
| <b>Dimensions</b>           | 708.57mm x 430.81mm x 726.52mm   |
| <b>Safety Features</b>      | Power converters with internal power regulation, relays, motor controllers with power regulation, shrouded propellers, quick disconnect thrusters and electronics capsules, vehicle lifting handles, all soldered wires with heat shrink, desiccant tubes in each electronics capsule and 6.37 mm aluminum plates for maximum heat transfer. |

3 Division, modular frame, variable forward/reverse thruster positioning and use of an