



MSOE Underwater Robotics

Milwaukee School of Engineering, Milwaukee, Wisconsin
750km to Alpena, MI



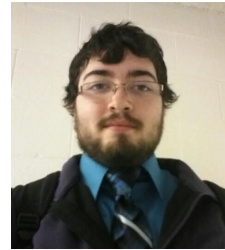
Seth Oppenorth*—
Sophomore, CEO,
Computer Engineer



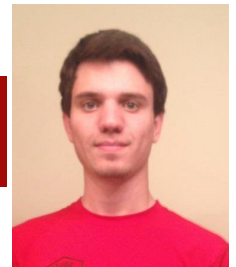
Nick Vogt*—
Junior,
Software Engineer



Dominic Enea*—
Junior,
Mechanical Engineer



Sam Voss—
Sophomore,
Computer Engineering



Matt Verstegen—
Freshman,
Mechanical Engineer



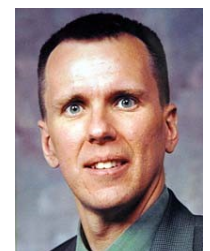
Stephanie Lynn—
Sophomore,
Electrical Engineer



Austin Bartz*—
Freshman,
Electrical Engineer



Austin Liebler—
Sophomore, Technical
Communication



Dr. Darrin
Rothe*—
Faculty Advisor

ROV Specs

Total cost: \$9640

Primary materials: HDPE, polycarbonate, aluminum hot glue and zip ties

Approximate Dimensions: 30cmx30cmx60cm

Weight in air: 22kg

Safety Features: Current limiting speed controllers, warning stickers, automatic motor shut off after loss in communication, software killswitch

Special Features: Custom high efficiency brushless thrusters, wide angle color cameras, hydraulic gripper, PlayStation3 controller, Ethernet communication

*notes prior ROV experience