

Alpena High School



Underwater Research Robot

Competition Experience:

- 2011 Great Lakes Regional Sixth Place Finish
- 2012 Great Lakes Regional Second Place Finish
- 2012 MATE International Robotic Competition
- 2013 Great Lakes Regional First Place Finish
- 2013 MATE International Robotics Competition
- 2014 Great Lakes Regional First Place Finish
- 2014 MATE International Top Ten Finish
- 2015 Great Lakes Regional First Place Finish
- 2015 MATE International Top Ten Finish
- 2016 Great Lakes Regional First Place Finish
- 2016 MATE International Twelfth Place Finish
- 2017 Great Lakes Regional Third Place Finish
- 2018 Great Lakes Regional First Place Finish
- 2018 MATE International Fifth Place Finish
- 2019 Great Lakes Regional

ROV Specs:

9.5 Kilograms
 Frame is made of ABS
 42 cm in diameter
 25 amp in-line fuse
 Valued at \$2,006.00
 Total build hours = 120

Travel distance to the International Competitions is 750 miles.

Special Features

- 15 Meter Tether
- Mechanical Gripper
- HD Color Camera
- Micro-ROV

Special Sensors

- Leak Sensors
- Depth Sensor
- ROV Safety Kill Switch
- Remote Temperature Sensor



Meet The Underwater Research Robot Team



Underwater Research Robotics Company
 500 East River St.
 Alpena, MI 49707



Name	Grade	Company Title
Joshua Beatty	12	Lead Pilot and Lead Engineer
Madysen Gohl	9	Project Specialist
Wenton Harrison	11	Technician and Pilot
Eva Lusardi	10	Pilot, Technician, and Engineer
Karli Myers	11	Lead Editor and Researcher
Abigail O'Bryan	10	Project Specialist
Savannah Thomson	12	CEO, Safety Officer, and Media Coordinator