

KNIGHTS OF POSEIDON: RANGER TEAM

Argo Community High School

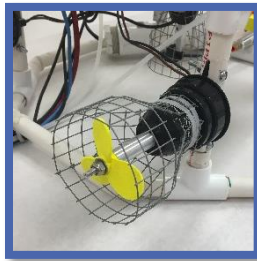
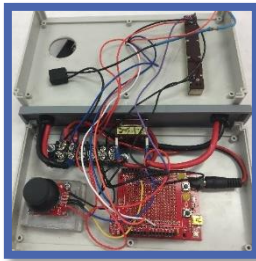
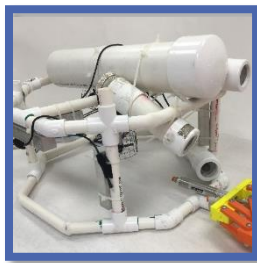
7329 W 63rd St, Summit, IL 60501

ROV SPECIFICATIONS

Estimated Cost: \$700

Dimensions: 49x45x29 cm

Weight: 10.95 kg



FEATURES

3 Thrusters: 1 vertical, 2 horizontal

3 Wide Angle Cameras

3 Parallax HB-25 Motor Controllers

Arduino Uno Board to Control the Motor Controllers

SAFETY FEATURES

Kill Switch to Main Power on Control Box

25 Amp Inline Fuse

Strain Reliefs to Secure Controller Wires

Motor Shrouds

TEAM INFORMATION

91 Hours Spent on Project

First Time Company

Distance to Long Beach, CA: 2026 miles

GROUP MEMBERS



Emily Dlugopolski

Grade 10

CEO



Melanie Eloiza

Grade 12

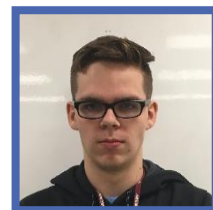
System Engineer



David Uraski

Grade 11

Mechanical Engineer/ Pilot



David Wojtkiewicz

Grade 11

Software Engineer



Brenda Escobedo

Grade 12

Public Relations Officer



Daniel Herbert

Grade 11

Mechanical Engineer