



Pensacola Catholic High School

Pensacola, Florida, USA

Crubotics Club

Sixth Year Team

Distance to World Championships: 2,064.8 miles

Team Members from Left to Right: (Position, Number of Years, Grade)

Row 1:

Porter Hanley - Assistant Programmer, Year 1, 11th

Luke Junck - Assistant Programmer, Year 1, 11th

Gavin Strickland - Safety Officer, Year 1, 11th

Quentin Wright - Lead Programmer, Year 1, 11th

Tyler Ruble - Team Electrician, Year 2, 11th

Logan O'Hanlon - CFO, Year 1, 11th

Row 2:

Maggie Johnson - Head of Media, Year 1, 12th

Alex Che - Assistant Programmer, Year 1, 11th

Kush Wells - CEO: Year 3, 11th

Brandon Hoppe - Float Engineer, Year 1, 10th

Aloysius London - Assistant Designer, Year 1, 9th

Grant Robertson - Lead Modeler, Year 1, 10th

Luke Foster - Driver and Builder, Year 1, 9th

Finley Holmes - Prop Builder, Year 1, 9th



ROV Specs:

Name: A.R.R.E (Automated Repair Reconnaissance Explorer)

Total Cost: \$476.39

Total Student Hours: 68

Safety Features:

- Prop Shroud for Propellers
- Water in Hydraulic Tubing
- Waterproof Control Box and Wirings
- Power Supply Kill Switch in Case of Emergency

Size: 580mm x 582.5mm x 375mm

Weight: 7.05kg

Special Features:

- 45-degree propeller angle reduces prop wash
- Laser systems to help gauge distance
- Static claw with toothed hooks
- Hydraulic claw that can open and close through syringe-based pumps

