

Phoenix Robotics

**Brooks DeBartolo Collegiate High School
Tampa, Florida, USA**

Distance Traveled: 2518 Miles/ 2188 Nautical Miles/ 4053 Kilometers/ ~5,036,000 Footsteps



ROV Name: **USS Phoenix**

Gross cost of materials: \$954.98 USD
Value of donated/salvaged material \$140 USD
Net cost: \$814.98 USD

Size: Height of 45 CM, Span of 47 CM

Team Member Collective Hours Contributed: 1500

Returning Company
Years Participating:

6 at Florida Regional 2013– 2018 / **1** time previous at International - 2015
Team Grade Level 9th—12th

Team Member - Role

Benjamin Glow - Chief Executive Officer
Sarah Metayer - Chief Financial Officer
Paul Fernandez - Chief Operating Officer
Jake Heiny - Chief Piloting Officer
Caleb Jaramillo - Engineering Specialist
Matthew Fernandez - Tether Specialist
Marlon Edwards - Communications Specialist
Jadon Jackson - Repairman
Eryk Chazares - Tether Assistant



Safety Features

- ◇ **Motor Shrouds**
- ◇ **External power supply**
- ◇ **Smoothed frame**
- ◇ **Fuse boards**
- ◇ **Voltage Regulators**

Special Features

- ◇ **2 axis-motor controlled claw**
- ◇ **High-definition waterproof cameras**
- ◇ **Hydrodynamic Aluminum frame**
- ◇ **Measuring system**
- ◇ **Magnetic OBS release system**