

Company Specs

Company name: Phoenix Robotics

Tagline: Soaring to New Heights Through Advancements in Cutting Edge Technology

Home State: Florida

Distance travelled:

MATE Regional ROV Competition - 238.8 miles (384.3 kilometers)

MATE International ROV Competition - 691.9 miles (1113.5 kilometers)

Members: (Returning members marked with *)

Matthew Fernandez – Senior*

– Chief Executive Officer, Pilot; *Future Mechanical Engineering Major*

Nicholas Tassistro – Senior*

– Chief Financial Officer, Co-pilot; *Future Mechanical Engineering Major*

Julie Fernandez – Junior*

– Chief Operations Officer; *Future Zoology Major*

Yannick van der Laan – Senior*

– Chief Documentation Officer; *Future Mechanical Engineering Major*

Christopher Byrne – Junior*

– Chief Technology Officer, Safety Officer; *Future Computer Science Major*

John Hightower – Senior*

– Tether Specialist, Engineer, Diver; *Future Computer Science Major*

Ethan Mitchell – Junior*

– Student Pilot, Engineer; *Future Computer Engineering Major*

Samuel Glow – Junior*

– 3D Printing Specialist, Tether Specialist, Engineer, Diver; *Future Zoology Major*

Elena Glow - Freshman

– Props Specialist, Marketing Officer; *Future International Studies Major*

Cosette Kim - Freshman

– Engineer, Diver; *Future Mechanical Engineering Major*

Jaylon Brenson-Marshall - Senior

– Team Alternate, Engineer, Diver; *Future Computer Science Major*



ROV Specs

ROV name: USS Phoenix

Cost: \$1,550.86

Size: Length: 51cm, Width: 40cm, Height: 44cm

Weight: 9.3kg

Collective time: 4,400 Hours (About 400 hours per team member)

Safety Features:

- Motor Shrouds
- Kill Switch

Special Features:

- Image recognition software
- Dual-manipulator system
- Autonomous navigation

