

Company Specs

Company Name: Phoenix Robotics

School: Brooks DeBartolo Collegiate High School

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

Home Country: USA

Home State: Florida

Distance Travelled:

MATE Regional ROV Competition: 384.3 kilometers or 238.8 miles

MATE World Championship: 4052 kilometers or 2,517.8 miles

Members: (Returning members marked with *)

Julie Fernandez- Senior*

-Chief Executive Officer; Future Zoology Major

Elena Glow-Sophomore*

-Chief Financial Officer, Co-Pilot; Future Marketing Major

Ethan Mitchell-Senior*

-Chief Operations Officer, Pilot; Future Computer Engineering Major

Christopher Byrne- Senior*

-Chief Technology Officer, Poolside Assistant; Future Computer Science Major

Colin Price- Junior

-Chief Safety Officer; Future Entomology Major

Cosette Kim- Sophomore*

-Chief Documentation Officer, Poolside Assistant; Future Astronautical Engineering Major

Carson Stein- Freshman

-Props Specialist; Future Mechanical Engineering Major

Cecilia Lund- Freshman

-Marketing Assistant; Future Molecular Genetics Major

Samuel Glow- Senior*

-3D Printing Specialist; Future International Studies Major

Joshua Chao- Freshman

-Assistant Props Specialist, Diver; Future Aerospace Engineering Major

Bryce Phuphanich- Freshman

-Engineering Assistant; Future Engineering Major

Rama Mhaskar- Freshman

-Engineering Assistant; Future Aerospace Major

ROV Specs

ROV Name: Phoenix Ocean Explorer (POE)

Cost: \$1,634.65

Size: Length: 79 cm, Width: 58 cm, Height: 56 cm

Weight: 7.5 kg

Collective Time: approximately 5,580 hours, 465 per member

Safety Features:

-Emergency Stop Switch

-3D Printed Thruster Shrouds

Special Features:

-Dual-Manipulator System

-Variable Buoyancy

- Pin Removing Apparatus

