

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 Traveled:

MATE Regional ROV Competition: 374.3 kilometers or 232.6 miles

MATE World Championship: 3020.74 kilometers or 1,877 miles

Members: (Returning members marked with *)

Colin Price- Senior*

-Chief Executive Officer; Future Entomology Major

Carson Stein - Sophomore*

-Chief Operating Officer - Future Aeronautical Engineering Major

Kristofer Gajadharsingh - Freshman

- Chief Technology Officer, Co-Pilot - Future Electrical Engineering Major

Joshua Chao - Sophomore*

- Chief Safety Officer, Tether Specialist- Future Aerospace Engineering Major

Cecilia Lund - Sophomore*

-Chief Marketing Officer - Future Biomedical Engineering Major

Mohammed Badri - Junior*

Vertical Profile Specialist - Future Computer Science Major

Xia Collier - Sophomore

-Assistant Technology Officer - Future Biomedical Engineering Major

Gavin Udagawa - Sophomore

-Props Specialist - Future Aerospace Engineering Major

Gabriel Aly - Sophomore

-3-D Printing Specialist - Future Cyber Security Major



ROV Specs

ROV Name: Phoenix Ocean Explorer (POE)

Cost: \$2,123.75

Size: Length: 48.26 cm, Width: 30.48 cm, Height: 26.94 cm

Weight: 10 kg

Collective Time: approximately 2,268 hours, 252 per member

Safety Features:

-Emergency Stop Switch

-Brass Thruster Shrouds

Special Features:

-Dual-Manipulator System

-Variable Buoyancy

- LED Light

-Steel Hook

- Centrifugal Pump

