

PHOENIX ROBOTICS

Company ID: 0143A

Headquarters: Tampa, Florida, USA

School: Brooks DeBartolo Collegiate High School

Distance Traveled to Competition: ~3,235 km

Previous MATE Participation: Returning participants (newcomers indicated with an asterisk on roster)

ROV Name: Phoenix Ocean Explorer (POE)

Total cost to construct ROV:

2,950 USD

Weight: 9.20 kg

Length: 86.4 cm

Width: 53.3 cm

Height: 26.035 cm

Total student hours to design and construct:

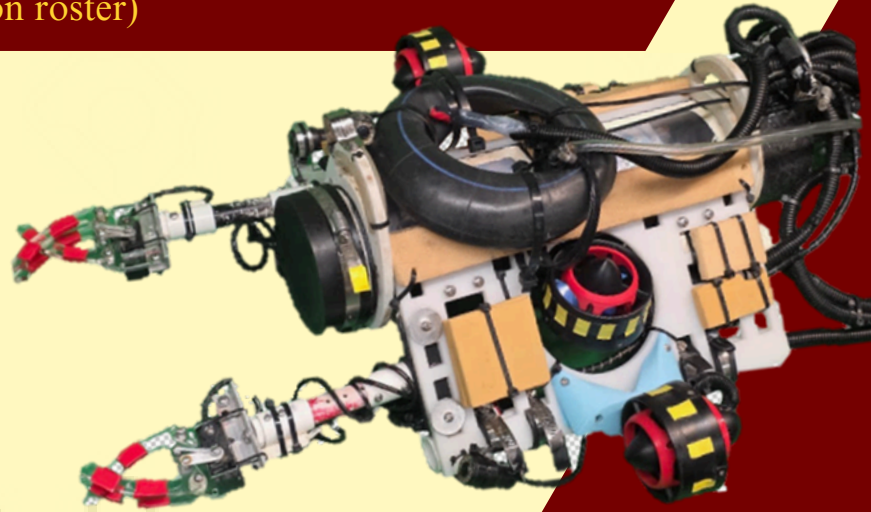
2,365 man-hours; approximately
236.5 hours per member

Safety features:

- Rounded edges
- Handles
- IP20 shrouds
- Kill switch
- MATE 25 amp fuse

Unique Features:

- On-board water collection
- Dual claw system
- Variable buoyancy system
- Digital Camera



Back row, left to right:

Ivanna Bethancourth: *Chief Safety Officer, 9th**

Jeneque Grubb: *Chief Marketing Officer, 10th*

Eric Fernandez: *Mentor*

Coda Schrader: *Chief Technical Officer, 9th**

Timothy Chao: *Chief Operations Officer, 9th**

Dezirae Gardner: *Profiler Specialist, 9th**

Izabella McDonald: *Marketing Assistant, 10th**

Front row, left to right:

Pranavkumar Sirimalla: *Poolside Assistant, 9th**

Ivanna Fuenmayor: *Marketing Assistant, 11th**

Kristofer Gajadharsingh: *Chief Executive Officer, 12th*

Anthony Lozano: *Profiler Assistant, 10th*

