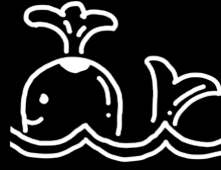


North Paulding Robotics

Dallas, GA, USA



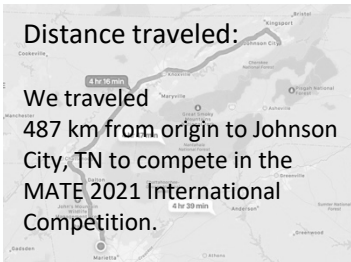
“The future developers in ROV design”

Mate History

1st place in the 2021 MATE Gray's Reef Southeast Regional Competition, Savannah, GA
17th place overall and 1st in Engineering Presentation in the 2019 MATE International Competition held in Kingsport, TN.
1st place in the 2019 MATE Gray's Reef Southeast Regional Competition, Savannah, GA
7th place in the 2018 MATE International Competition held in Federal Way, WA
1st place in the 2018 MATE Gray's Reef Southeast Regional Competition, Savannah, GA
12th place in the 2017 MATE International Competition held in Long Beach, CA
1st place in the 2017 MATE Gray's Reef Southeast Regional Competition, Savannah, GA
2nd place in the 2016 MATE Gray's Reef Southeast Regional Competition, Savannah, GA

Distance traveled:

We traveled 487 km from origin to Johnson City, TN to compete in the MATE 2021 International Competition.



Company Members



Anthony Robinson (12 th)	CEO, Electrical Engineer
Jason Perez (12 th)	Mechanical Engineer
Ben Skowronski (12 th)	CFO, Mech. Engineer
Jason Lees (11 th)	Mechanical Engineer
Andy Griggs (11 th)	Electrical Engineer
Tony Brozowski (10 th)	Programmer
Drew Boles (10 th)	Mechanical Engineer

“THE WHALE”



ROV Features:
Dimensions: width 32cm, height 20.5cm, length 38cm.
Weight: 1.36kg
Materials: Aluminum metal

ROV Total Cost: \$4166.00

Working hours: 576 hours

Safety features:

- 25A fuse within 30 cm of power on positive line
- Main power shut-off switch
- All components are waterproofed
- 3D printed custom shrouds on thrusters
- Warning labels on all moving parts
- Strain relief at both ends of tether

Special features:

- Custom Aluminum Frame
- Rotating camera
- Custom 3D printed manipulator
- Onboard electronics
- Multiple cameras
- Image Recognition, autonomous movement
- Equipped with micro ROV “Little Buddy”