



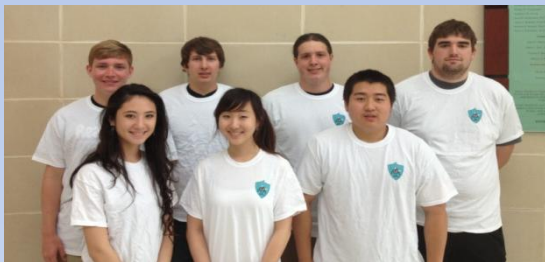
Mc. Jambey Robotics



Cape Henlopen High School
Lewes, DE

Total Traveling Distance: Approx. 2,870 miles

Mc. Jambey Robotics proudly presents the ROV Thor to compete in the 2013 International ROV Competition sponsored by the Marine Advanced Technology Education (MATE) Center. The team takes an innovative approach to building efficient and affordable student-built ROVs that go above and beyond the mission tasks.



The team behind Mc. Jambey Robotics is a close-knit and cohesive group of people. Through the leadership of the CEO and the manipulation of each member's talents and skill sets, the company produces capable, cost-effective ROVs.

Matthew Spicer – CEO, class of 2013

Matthew Hurlock – Chief Engineer, class of 2013

Joel Tylecki – Mechanics Specialist, class of 2013

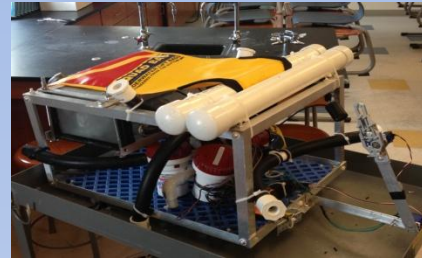
Kevin Yang – CFO, class of 2013

Bobby Wyatt – Engineer, class of 2013

Esther Kung – Marketing Specialist, Safety Officer, class of 2013

Angela Carroll – Marketing Specialist, class of 2014

The ROV Thor



Primary Material: Aluminum

Approx. Dimensions: 60x45x30cm

Total Weight: approx. 22.4 kg

Safety Features:

- *connections are thoroughly coated in silicone and wrapped in electrical tap or clear vinyl tubing

- *sharp edges have been filed

- *40 amp circuit breaker is used during operation

- *jet-drives are used to produce thrust

Special Features:

- *lift bag (varies in buoyancy)

- *jet-drive propellerless thrusters

- *waterproof electronics box (pressure housing)

Total ROV Value: \$1875.08

Total Spent on ROV: \$384.27

Cape Henlopen High School has participated in MATE sponsored competitions for the past five years and continues to represent Delaware with professionalism. Cape has won regional competitions and continues to gain recognition. Mc. Jambey aims for success.