



LOGGERHEAD ROV

Mount Olive High School
Flanders, New Jersey 07836

Distance to Regional: 155.4 Km

Distance to Seattle: 4572 Km



Photo of all of the members of Loggerhead ROV
Credit: S. Mills

From left to right, our team members include:

- | | |
|----------------------|--|
| Damon Johnson | Design Engineer, Demo Team Support (1st year) |
| Billy Albert | Software Engineer (1st year) |
| Garrion Case | CTO , Pilot (2nd year) |
| Lauren Turi | CMO (2nd year) |
| Matthew Folenta | Design Engineer (1st year) |
| Thulasi Varatharajan | Marketing & Communications (1st year) |
| Katie Weatherwax | CEO, Demo Team Manager (2nd year) |
| Erin Perry | CFO (2nd year) |
| Megan Perry | Electrical Engineer, Tether Manager (1st year) |
| Soumya Khara | Marketing & Communications (1st year) |
| Brooke Bennett | Marketing & Communications (1st year) |
| Jessica Tierney | Safety Officer (1st year) |

This is our team's second year competing, with members ranging from grades 10-12

Total Cost:

Dimensions/Mass: 36.2 x 42.1 x 33.75 cm, 7.5

Total Student Hours: 1,992

Safety Features: enclosed gear mechanisms, pressure vessel testing system, IP20 propeller guards, handle for safe carrying and transportation, amperage overload fail-safe system

Special Features: modular 3D-printed frame design, adjustable ballast and trim system, customized electrical mounting board, lift bag transit and release system, custom multi-material manipulator, acoustic release transmitter, custom tether including air pressure supply line

ROV Tammi
named after our adopted turtle
from the Turtle Back Zoo
Photo: B. Albert



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Mr. Terry and Meeta Thomas
The Bodmer Family
The Weatherwax Family

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Harrington Trust