

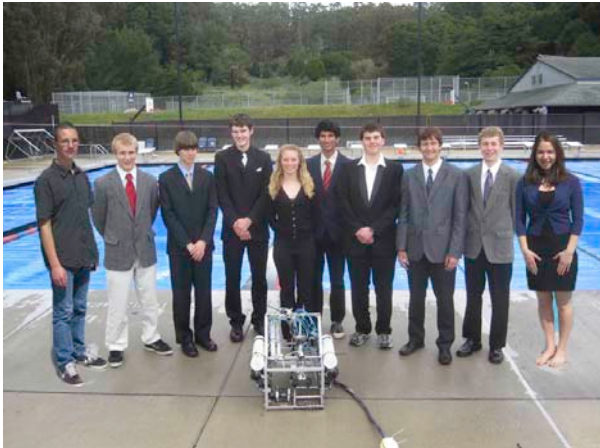


Aptos High School
100 Mariner Way
Aptos, CA 95003

APTOS MARINERS ROBOTICS, LLC.

Experts in Deep Water Research, Repair, and Recovery

Home State: California
Distance Travelled: 2586 Kilometers
Competition History: This is our companies second time participating in the MATE International competition.



Connor Munger – Chief Executive Officer (Senior) *
 Isaac Cassar – Chief Operating Officer (Senior)*
 Mobin Skaria – Chief Technical Officer (Senior)*
 Adam Simko – Chief Engineer (Senior)*
 Nathaniel Willy – Chief Financial Officer (Junior)*
 Breana Kostreba – Electrical Engineer (Senior)*
 Justin Lardinois – Secretary/Treasurer (Senior)*
 Gabriella Lopez – Marketing Director (Senior) †
 Chris Randolph – Chief Software Engineer (Freshman) †
 Nick Davis – Mechanical Engineer (Senior) †

*Returning †New

(L to R) Chris Randolph, Isaac Cassar, Nathaniel Willy, Connor Munger, Breana Kostreba, Mobin Skaria, Justin Lardinois, Adam Simpo, Nick Davis, Gabriella Lopez

ROV SPECS

ROV Name: *Alien MKII*
Total Cost: Budget: \$2,185.00 Actual Cost \$2,014.00
Primary Material: Right-angle Aluminum
Dimensions: Length - 56cm Width - 56cm Height – 53cm
Weight: 8.1 kg
Speed: Horizontal Speed – 0.588 m/sec. Vertical Speed – 0.75 m/sec.
Safety Features: Plastic Mesh Cages around all motors, All edges sanded smooth, 25 amp Fuse inserted between battery and electrical box, emergency shut off switch, reverse polarity diode for the power leads, clean and neat wiring.
Special Features: Advanced control system that utilizes an Xbox 360 game controller, pneumatically controlled arm and claw, depth gauge, custom built sucking device to collect oil samples.

