



ARGO VI SPECIFICATIONS

Name: *Argo VI*

Weight: 13.79 kg in air

Tether Length: 15 meters

ROV Cost: \$2,385.09

Dimensions: 34.0 cm (*height*) x 45.5 cm. (*width*) x 59.5 cm (*length*)

Lift Power: 31.1 N

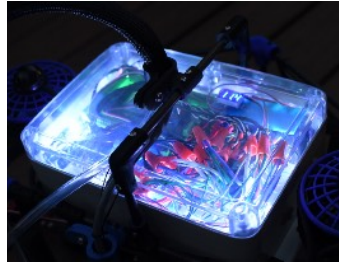
Work Hours per Person: 75

Safety Features:

Covers around propellers, rounded edges, strain relief on both ends of the tether, neat wiring, epoxy-sealed onboard control box.

Special Features:

Custom μ ROV, software controlled two front ends, dual 3D-printed rotating claw system.



(Left to Right) Three-quarters view of the Argo VI; Neat and deliberate wiring in the onboard electronics enclosure; Shrouded Blue Robotics T100 thruster (Photo Credits C. Barrett)

THE ENGINEERING TEAM



As an Aptos High School robotics team, we are based in Aptos, California, 4,074 km from International Competition. Our members range from 10th to 12th graders.

After establishing our company in 2014, we won the 2016, 2017, and 2018 Monterey Bay regional competitions and the 2017 international competition.

Top (Left to Right): Cameron Barrett (Head of Onboard Electronics), Keegan Martin (Head of MicroROV), Carter Bond (Head of Vision), Johan Govaars (Head of Control Box), Jacob Sandler (Head of Software), Caleb Broxton (Head of Communication); Bottom: Chris Whaley (Head of Propulsion). Bottom (Left to Right): Jordan Chin (Head of Safety), Katherine Walton (Head of 3D Design), Amelia Lovell (Head of Frame Design), Jamie Walton (CEO), Sun Woo Da Costa (Pilot)

Mentors (not pictured): Victor Da Costa, Mary Seamount