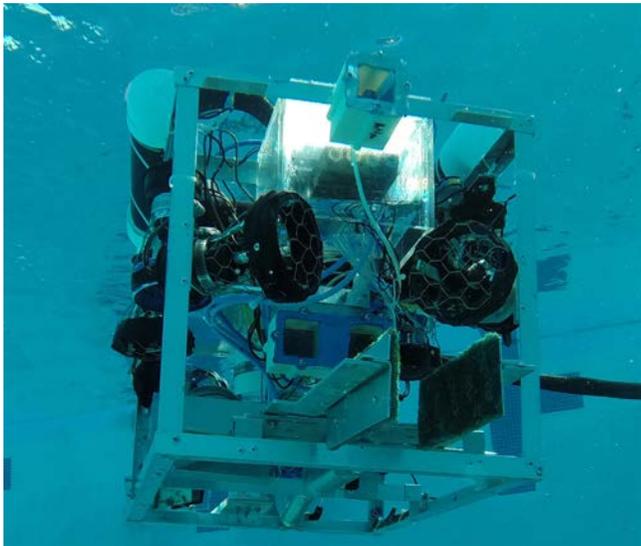


# Aptos Mariners Robotics, LLC.

Aptos High School • Aptos, CA 95003



The Hammerhead in Operation

## The Product

The Hammerhead  
Compact Class II ROV  
Chassis Dimensions: 36 x 36 x 51 cm  
Mass: 12.5 kg  
Development cost: \$2856

## Safety Features

Reverse voltage protection, 25 amp control box fuse, automatic laser shields, smooth edges, and shrouds around motors.

## Special Features

Stereo camera system, laser ranging, ergonomic controller, proportional motor control, versatile manipulators, active buoyancy system, 3D printed camera cases.

## Company Profile:

High School Sophomores through Seniors  
Established 2004  
International competitor since 2010

## Aptos Mariner Robotics LLC Team

Chris Randolph	<i>CEO, Mechanical Engineer, Pilot</i>	<i>4th Year</i>
Gavin Venes	<i>Vice President, Mechanical Engineer</i>	<i>2nd year</i>
Francisca Perez	<i>Secretary, Electrical Engineer</i>	<i>3rd year</i>
Nathaniel Blount	<i>Electrical Engineer</i>	<i>2nd year</i>
Daniel Hepner:	<i>Software Engineer, Electrical Engineer</i>	<i>2<sup>nd</sup> year</i>
Christian Jeske	<i>Mechanical Engineer</i>	<i>2nd year</i>
Catie Randolph	<i>Mechanical Engineer</i>	<i>2nd year</i>
Jeremy Rudd	<i>Electrical Engineer</i>	<i>2<sup>nd</sup> year</i>
Kyle Johnson	<i>Electrical Engineer</i>	<i>1<sup>st</sup> year</i>
Jacob Rodriguez:	<i>Mechanical Engineer, Drafting</i>	<i>1<sup>st</sup> year</i>
Ben Rodriguez:	<i>Mechanical Engineer, Drafting</i>	<i>1<sup>st</sup> year</i>
Mebin Skaria:	<i>Software Engineer</i>	<i>1<sup>st</sup> year</i>