



Oostburg ROV

ROV Specifications

Name: LIFE

Weight: 15.5 kg

Tether Length: 18.29 m

ROV Cost: \$1,530.40

Dimensions: 15 cm (height) x
32 cm (width) x 32 cm (length)

Work Hours Per Person: 60

Special Features:

The dryhousing kept in the middle of the ROV; acting as the heart of all electronics and main source of buoyancy. Completely waterproofed and customized shelves to provide organization.



Customized motor shrouds to ensure safety to objects in and out of the water. Orange fill was used to make workers aware of the motor's location.

Safety Features:

Shrouds around propellers, rounded edges of frame, safety carabiner on the tether, safety stickers, safety checklists, and protocol during practice.

The Team

The Oostburg ROV team is based at Oostburg High School, WI, U.S.A., 1,749.5 km from the international competition. Our members range from 9th to 12th graders.

The Oostburg ROV team was established in 2011. Since that point, our team has worked diligently and grown in many areas. We won the 2019, 2021, and 2022 regional competitions and this year are returning to work towards that success again.



Back row (from left to right): Aidan Bossler (Lead Electrical Engineer, ROV Pilot), Sebastian Schefsky (Former Member), Levi Rondeau (Mechanical Engineer), Ethan Brumirski (Lead Mechanical Engineer), Gavin Konitzer (Lead Software Engineer), Gabe Mentink (Lead Props, Mechanical Engineer), Aiden Hendriske (Lead CAD Drawing), Aiden Haag (Software Engineer).
Front Row (from left to right): Natalie Walker (Finance), Elle Mentink (Lead Poster Team), Leigha Rauwerdink (Lead Presentation Team), Karli Swart (Lead Finance), Caris Dirkse (CEO, Lead Technical Reporter), Livie Stader (Lead Project Manager, Community Outreach), Breleigh Navis (Lead Poster Team), Colleen Wilke (Props).
Not Pictured: Chloe Breunig (Lead Cameras and Safety).