


Vehicle Name: Crush
Total Cost: \$7,908.54
Material: Aluminum and Schlüter Board
Dimensions: 44.7 cm long x 54.0 cm wide x 35.5 cm tall



INNOV OCEAN

Innovation in Marine Technology

Carrollton High School
 Carrollton, Georgia

1935.91 miles from St. John's, Newfoundland and Labrador, Canada
 8 Years at Gray's Reef Regionals, 8 Years at Internationals

OVERVIEW:

InnovOcean is an oceanering company created in 2007 that designs, constructs, and operates Remotely Operated Vehicles (ROVs) for any task. Our newest vessel, Crush, is our most advanced vehicle yet and has been designed and crafted to explore and evaluate the Canada Basin and its iceberg and to maintain, inspect, and repair oil pipelines.

SAFETY FEATURES:

- * 25 amp fuse
- * Cords pulled taut to prevent entanglement
- * Safety partitions on moving and hazardous parts
- * No sharp edges
- * Water-tight electrical connections
- * Abrasion resistant tether wrap
- * Water-tight pelican case for control box
- * Point-of-no-tension on vehicle and control box

VEHICLE SPECIAL FEATURES:

- * Custom frame design cut by high-pressure water jet machine
- * Fiberglass-coated Ballast
- * T100 Thrusters
- * Rotating/Panning Camera
- * Stationary and Rotating Manipulators
- * Lift Line, Conductivity Sensor, Tape Measure System, Water Pump



Dorothy Szymkiewicz (3rd) CEO	Connor Dempsey (3rd) Testing & Operations	Josh Wright (2nd) Safety Director
Daniel Kuntz (2nd) COO, Chief Software Eng.	Anthony Zheng (1st) Head of Communications	Matthew Cason (2nd) Chief Engineer
Adlar Tuten (2nd) CFO, Pilot	Jared Camp (2nd) Communications	Matthew George (2nd) Chief Engineer
Robert Bennett (2nd) Chief Executive Engineer	Jill Fazio (1st) Government Regulations	Lacey Needham (1st) General Engineer