



Western Wave Robotics - Riptide
Corner Brook Center for Research and Innovation
Corner Brook, Newfoundland and Labrador, Canada
Distance Travelled - 693km

ROV Specs

Total Cost: \$ 4,731.22 USD
Length: 69.7 cm
Width: 50 cm
Height: 22.0 cm
Weight: 10.98 kg
Total Work Hours: 250 hours
Safety Features: Thruster guards, top-side and bottom-side strain relief, Safety Labels
Special Features: Custom 3d printed Manipulator, and camera & thruster mounts



Employees

Names	Roles	College level
Priyanshu Gunput	CEO	Second year
Corbin Rideout	Pilot	Second year
Evan Scott	Sr Mechanical Engineer	Second year
Nicholas Lieb	Jr Mechanical Engineer	Second year
Lucas Buckle	Sr Electrical Engineer	Second year
Jatin Joon	Jr Electrical Engineer	Second year
Nicholas Balsom	Computer Engineer	Second year
Nick Hayden	Safety Officer	Second year

Additional Information

- This is our second year competing in the MATE ROV competition
- We placed fourth overall in the Pioneer class during the previous competition
- We also placed first in the engineering presentation



Figure 2 : Western Wave Robotics (left to right) Nicholas Lieb, Evan Scott, Lucas Buckle, Corbin Rideout, Jatin Joon, Nicholas Balsom, Nick Hayden, Priyanshu Gunput