

Vehicle Name: OTR

Total Cost: \$3,541.45

Material: HDPE

Dimensions: 24.8 cm tall x  
35.6 cm wide x 35.6 cm long

# INNOVOCEAN

Innovation in Marine Technology

Carrollton High School  
Carrollton, Georgia

9th Year at Internationals, 9 Years at Gray's Reef Regionals

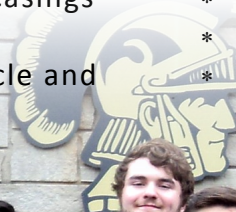
InnovOcean is an oceaneering company created in 2007 that designs, constructs, and operates Remotely Operated Vehicles (ROVs) for any mission task. Our newest vessel, OTR (Ocean Trans-galactic Ranger), is our most advanced vehicle yet and has been designed and crafted for special equipment recovery, post oil spill operations, and travel through outer space for deep sea exploration and analysis.

## SAFETY FEATURES:

- \* 25 amp fuse on positive lead
- \* Cords pulled taut to prevent entanglement
- \* Safety partitions on moving parts
- \* No sharp edges
- \* Water-tight electrical connections/casings
- \* Abrasion resistant tether wrap
- \* Tether tension relief points on vehicle and control box

## VEHICLE SPECIAL FEATURES:

- \* Custom frame design cut by CNC router
- \* New T100 Thrusters
- \* New Go-Pro Camera
- \* Rotating/Panning Camera
- \* Parallel Gripping Manipulator
- \* Measurement System
- \* Temperature Sensor



Dorothy Szymkiewicz ('16)	CEO, Marketing Director	Rob Bennett ('18)	Chief Engineer	Kirby Criswell ('18)	Engineer
Daniel Kuntz ('16)	COO, Chief Software Eng.	Ryan Strickland ('17)	Chief Engineer	Grant Gordon ('19)	Engineer
Adlar Tuten ('17)	CFO, Pilot	Sophia Miller ('17)	Head of Communications	Ben Herndon ('17)	Engineer
Connor Dempsey ('16)	Safety Director	Gabriel Smith ('19)	Communications	Jordan Hunt ('18)	Engineer
Chase Hornsby ('16)	Testing and Operations	Adam Block ('17)	Engineer	Michael Morgan ('17)	Engineer
Leonardo Ank ('19)	Government Regulations	Jared Camp ('17)	Engineer	Joshua Wright ('16)	Engineer
		Matthew Cason ('16)	Engineer		