

COMPANY SPEC SHEET

COMPANY SPECS

- **Company name:** C³ Robotics, Inc.
- **School name:** Cape Henlopen High school
- **Home state:** Delaware
- **Distance traveled:** We are traveling about 2,095km from Lewes, Delaware to Houston, Texas.
- **History of MATE ROV Participation:** All of our members are returning members. Last year, all five of us participated in both the regional competition in Norfolk, Virginia, and the international competition in Hilo, Hawaii.
- **Grade Range:** We have five 12th graders.



Names from left to right:

Joe Esposito (Chief Executive Officer)

Paul Jang (Engineering Supervisor)

Kyle Joseph (Technical Analyst)

Tanya Munyikwa (Public Relations Officer)

Jasmin Patel (Chief Financial Officer)

All team members are planning on going to the international competition.

ROV SPECS

- **Total Cost:** \$4579.71
- **Primary materials:** We primarily used PVC piping and other varieties of plastic in the construction of our robot.
- **Dimensions:** 95cm (Length) X 64cm (width) x 33cm (height)
- **Total weight:** 16.78 kilograms
- **Safety Features:** We have wire cages around the propellers to prevent people from getting injured when the motors are engaged. We have safety labels near the motors and electrical hazards to warn people of the dangers. We also have a 30 amp fuse to regulate the power flow and prevent shortages.
- **Special Features:** We have a pressure sensor attached to our electrical board for measuring depth during Task 3. To maneuver the robot we are using controllers which run in conjunction with our programmed electric board.

