

COMPANY INFORMATION

Company Name: Tigersharks ROV Co.

School & Club: Unity Junior High School & Underwater Robotics Club

Location: Cicero, Illinois, U.S

Distance traveled to the regional competition at Northeastern Illinois University HOSTED by Shedd Aquarium, Chicagao, IL: 18 mi

Distance traveled to international competition at Villanova University, Villanova, PA: 752 mi

Club History: *Grade Level:* 7th & 8th *Years competing:* 4 *Returning Members:* 3 *New Members:* 3

Members:

- Anthony Isidoro (1st year, New)
 - Motor Specialist
- Fabian Vega (1st year, New)
 - Construction Engineer
- Jesus Sanchez, 8th Grade (2nd year, Returning to the club)
 - Soldering Engineer, Circuit board Specialist; Pilot
- Sebastian Cruz, 8th Grade (2nd year, Returning to the club)
 - Soldering Engineer, Camera specialist; Pilot;
- Soleil Salgado, 8th Grade (2nd year, Returning to the club)
 - CFO, Environmental Consultant, Task Consultant, and Design Consultant
- Gabriela Hernandez (1st year, New)
 - Claw specialist

ROV SPECS

ROV Name: TBD - aka "To-Be-Determined"

Total Cost: \$273.05

Size: 48cm wide

Total student-hours to design and build: 250 hours

Safety Features:

- Hot glue on zip ties to protect sharp parts
- Heat shrink the wires for waterproofing.
- O-ball shrouds to protect fingers from motors.
- 10A fuse to protect the circuit board.

Special Features:

- Camera
- Claw