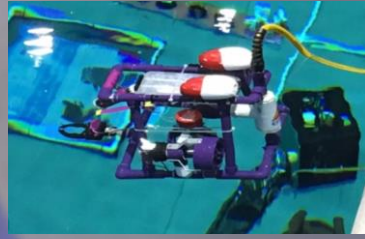


Aquabot Technicians

Specification Data Sheet

Corpus Christi, Texas



“Octobot”

Aquabot Technicians:

Aquabot Technicians is a returning company title with a fresh and rejuvenated team to take the records to the next level. Aquabot Technicians is led by one assertive and very qualified 3rd year veteran, three bright and wise 2nd year returners, and twelve excellent comprehending 1st year members. Aquabot Technicians grade levels range from tenth to twelfth grade. Our company is based in Corpus Christi, Texas. We travel approximately 215 miles to compete at the Neutral Buoyancy Laboratory in the “From the Gulf of Mexico to Jupiter’s Moon Europa” ROV contest.

Dimensions: 29.845cm x 58.42cm x 36.195cm

ROV Payload Weight: 4.2 kg

Total Cost: \$948.15

Total Man Hours to Design & Build: 200 hours per member (estimated total combined man-hours 3000)

Safety Features:

- Thruster motor shroud protects aquatic life from the spinning propeller blades.
- 25 Amp fuse for electrical protection.
- 100% waterproof connections to prevent electrical current from being discharged into the water.

Special Features:

- Joy stick controls that will allow for variable movement of the motors.
- Small tether that will allow easy mobility and less drag.
- High resolution color camera for viewing underwater.



Kisha Charles-Mentor

Mario Bayarena-Mentor

Natasha Sanchez-CEO Senior-

Yulissa Aguilar-Co-CEO Senior-

Elijah Euresti- Co-CFO Sophomore-

Azalee Monsivias-Co-CFO Senior-

Seth Serrata- Project Consultant Junior-

Greggory Heartsfield-Project Design

Consultant Junior-

Miguel Salcedo-Project Design Junior-

Ariana Benavides-Project Design Sophomore-

Alexis Salinas-Project Design Junior-

Daniel Aldaiz-Technical Documenter

Sophomore-

Shelby Rivera-Technical Documenter

Sophomore-

Madelyn Perez-Technical Documenter

Sophomore-

Noah Berry-Technical Documenter

Consultant Sophomore-

Briana Herrera-Board Presentation Specialist

Senior-

Jason Jimenez-Power Supply Sophomore-

Aaron Garcia- Power Supply Sophomore-

Ronald Lichtenberger-Grants and

Fundraising, Wire Diagram Specialist

Sophomore-

Eric Costales- Pilot, Chief Mission

Technician Junior-

Anthony Escotiola- Co-Pilot, Safety Specialist,

and Buoyancy Sophomore-