



What are the tasks of each RoboBoat?

Thrust Measurement: Determines the strength of the boat's motor.

Basic Navigation: The boat must navigate through a pair of buoys.

Obstacle Avoidance: The boat must avoid all obstacle buoys and keep to the designated entrance and exit gates.

Automated Docking: The boat must dock itself into the correct slip.

Acoustic Beacon (Pinger) Positioning: The boat must detect the buoy holding a device underwater that is emitting a sound and circle it.

Interoperability Challenge: A simulated task where the boat would be equipped with a drone to help it complete the obstacle course.

Return to Dock: The boat is required to return to the dock while avoiding all buoys.

