



What is RoboBoat?

The AUVSI Foundation's RoboBoat Competition is a robotics competition where teams of high school and college students are tasked with designing, building, deploying and navigating a fully autonomous robotic boat through a maritime obstacle course.

The tasks required of each boat are in direct parallel with the interests and needs of companies and organizations that design and build full-size robotic boats.

Robotics Terminology

Autonomous Surface Vehicle: A robotic boat that operates without any human input.

Buoy: A floating device serving as a navigation mark.

Drone: An unmanned aerial vehicle either controlled by a human from the ground, or pre-programmed.

Pinger: A device that transmits a sound for the purpose of detection or measurement.

