CREATING A ROBOTIC TUNA

Hull Design Based Upon Measurements From a Real Tuna and Designed Towards Modularity, Usability, and Robustness

ABS Plastic Skin Support Structure with Flexible Polyurethane Foam Covered with Lycra Skin

Two Caudal Fin Designs:
- Static with Thruster
- Flexible with Castable Urethane

Two Software Components:
- Laptop Remote Control
- Onboard IMU Data-Logging

RobotsQ motor Control Board Interfaces with Pectoral Fin Servos, Tail Actuator, and Thruster

Hydraulic Transmission for Tail Actuation