COMPANY SPECS

Company Name: Curiodyssea LLC

Community Organization: Staples High School

Home State and Country: Westport, CT, USA

Travel Distance to Regional: 200 Miles

Travel Distance to International: 2900 Miles

History of MATE: Four returning 3rd year

members and one new member

Range of Education: 10th - 11th grade



ROV Name: H2rOver - Project Lionfish

Size and Weight: 53cm by 45cm by 30cm, 14.9 kg

Total Cost: \$1100.80 cash expenditures, plus \$939.85 in reused materials and \$1400 in

donated material and services

Time Spent: 600 hours of development, 80 hours of pool testing

Safety Features: Tether strain relief, shrouded and guarded motors, main power shutoff switch, power

monitor, secured wires, caution signs, fuses, secure connections, and epoxied wires

Special Features: Modular systems design, tubes to channel vertical thrust, custom designed

electronic rack, adjustable cameras, 2 custom manipulators, homebuilt thrusters, Logitech F310 controller, adjustable ballast and buoyancy, speakers, and a braided

neutral tether.

MEMBERS AND ROLES

Listed From Left to Right

Nicholas Durkin - Chief Executive Officer, Control/Electrical Engineer, Mission Strategist

Tyler Edwards - Chief Information Officer, Electrical Systems Engineer, Mission Strategist

John McNab -Chief Financial Officer, Design Engineer, Mechanical Engineer, Co-Pilot

Nathan Wang -Chief Safety Officer, Visual Systems Engineer, Tether Manager

Daniel Westphal - Chief Compliance Officer, Chief Marketing Officer, Propulsion Systems Engineer, Pilot



