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: 678 Miles

History of MATE: Four returning 4th year members

and one 2nd year member

11th - 12th grade Range of Education:



ROV Name: H2rOver - Project Mantis Shrimp

Size and Weight: 58 cm x 58 cm x 38 cm, 8.1 kg

Total Cost: \$497.57 cash expenditures, plus \$1183.90 in reused materials and \$105 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, secured wires, caution signs,

fuses, secure connections, and epoxied wires

Modular systems design, open design, full motion gimbal thruster mounts, custom **Special Features:**

designed electronic rack, adjustable cameras and motors, Logitech F310 controller,

adjustable ballast and buoyancy, and a braided neutral tether.

MEMBERS AND ROLES

Listed From Left to Right

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

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

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

Tyler Edwards - Chief Information Officer, Software and Mission Engineer, Mission Strategist

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



