



We Excel



"The World Leader for Marine Robotic Rescue Devices"

Hydronalix has been performing SBIR research work including multiple Phase III contracts. Hydronalix has a BOA Phase III contract with NAVAIR Systems. Research and Development work performed under contracts:

N6833514G0039 Open BOA

N6833515C0138

N6833513C0281

DOCRA133R14SE2877

DOCRA133R11CN0188

N0001410MO458

N0001411MO119

HR001112C0073



Founded in 2009, Hydronalix has become a recognized leader and international symbol in robotics innovation for beach and flood rescue with our successful patented Emergency Integrated Lifesaving Lanyard (EMILY) product line. We have 11,000 square feet of engineering, office, and manufacturing space in Sahuarita, AZ. Company sales are both domestic and overseas with export distribution throughout Asia, Europe, the Middle East and the Americas.



EMILY



Supporting missions by the Hellenic Coast Guard and Red Cross for Syrian refugees in their perilous ocean crossings.



EMERGENCY INTEGRATED LIFESAVING LANYARD



Highly durable composite platforms



Basic and advanced training

AUTONOMOUS MOBILE BUOY SYSTEMS



Developers and Manufacturers of Manually Controlled Rescue Robots to Fully Autonomous Mobile Buoy Platforms with advanced sensor systems



**Tactical
Control
Stations**

AUTONOMOUS MOBILE BUOY SYSTEMS



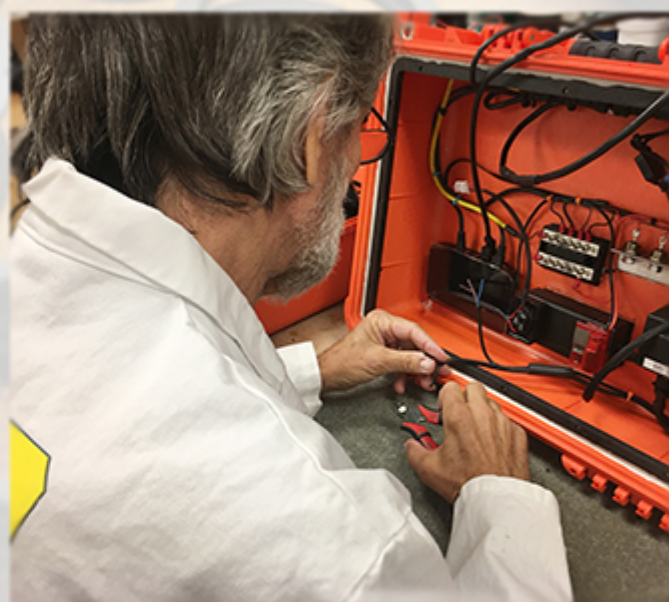
Advanced sensors, including stabilized cameras, imaging sonars, radar, and acoustic communications



International and domestic clients

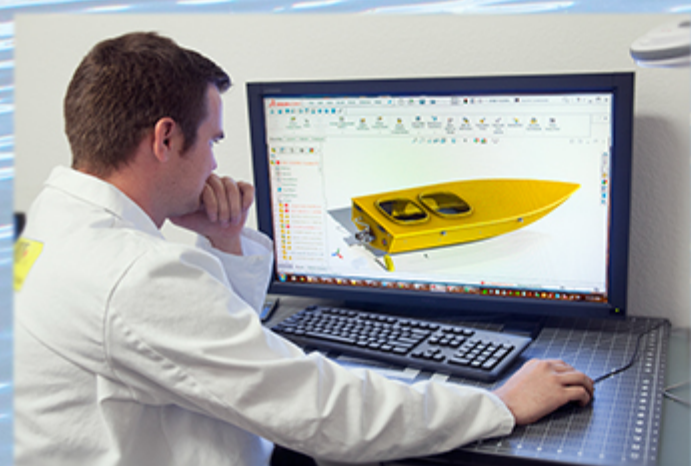


MANUFACTURING



HYDRONALIX

RESEARCH, DESIGN, AND ENGINEERING



Hydronalix maintains a growing staff of skilled engineers and technicians performing advanced development services and products for the Navy, National Oceanic and Atmospheric Administration (NOAA), Defense Advanced Research Projects Agency (DARPA), and Department of Homeland Security (DHS). In addition to EMILY, the company produces a complete product line of advanced Autonomous Mobile Buoys (AMB). The company's executive leadership team has collective experience of over 200 years in Ocean and Marine Engineering, Robotic systems, advanced sensors, manufacturing, and materials science.

OPERATIONAL SUPPORT, SERVICES, AND TRAINING



The Hydronalix mission is to provide enhanced value added capabilities to first responders, earth scientists, military, and safety to the maritime industry. Our focus is on development of small expendable maritime robotic technologies to support missions ranging from search and rescue, bathymetric mapping and underwater ISR, to meteorological station keeping and data gathering, in challenging open ocean, brown water, and littoral marine environments.

AWARDS AND PARTNERS

Academic Partners

University of Arizona

Senior Design Class (16 students)

Texas A&M College Station

Center for Robotic Assisted Search and Rescue CRASAR

Robotics Without Borders

Graduate Level Programs (12 students)

Senior Design Class (37 students)

Florida Institute of Technology

Senior Design Class (5 students)

Mississippi State University

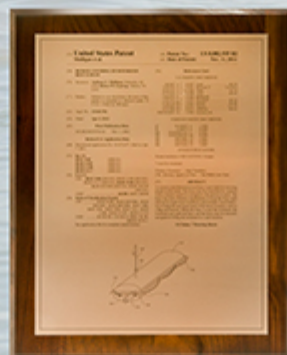
NOAA Hurricane Tracker EMILYs

U.S. Naval Academy

Dynamic and Static Hull Stability Analysis

Woods Hole Oceanographic Institute

Acoustic Modem Communications



EMILY Patents:

United States: #882555

Australia: #2012239947

Indonesia: #W-00201304834

South Korea: #10-1482486

Mexico: #339942

Pending:

Europe: #12767701.1

Hong Kong: #14108254.8



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