



October 22, 2015

The Honorable Nikki R. Haley
Office Of the Governor
1250 Pendleton Street
Columbia, SC 29201

Dear The Honorable Nikki R. Haley,

We are writing you today to introduce our Emergency Integrated Lifesaving Lanyard (EMILY), for swift water and river flood rescue operations. We have been following the news over recent weeks on your area and wanted to offer information on our EMILY systems and or any other service that we may be able to help you with.

Sincerely,

Anthony Mulligan
CEO Hydronalix
520-360-3486
www.emilyrobot.com



EMILY^{ERS}™

Emergency Integrated Lifesaving Lanyard

2015



High-tech robot saves precious minutes in rescue operations

The Emergency Integrated Lifesaving LanYard — or EMILY — is a 25-pound, remote-controlled robot, fashioned much like a baby jet ski. She is designed to be deployed as a turbo-charged lifeguard, able to blast through rough surf and get to swimmers in distress within seconds.

- Launch and operate by a single individual
- Track in heavy surf with high visibility 5-foot long flag
- Provide flotation for multiple swimmers, until help arrives
- Accessible perimeter grab rope
- Deliver life jackets to distressed swimmers
- Deploy from moving watercraft, shore, high piers, and helicopters
- Safe, internal propulsion will not harm victim or catch on rocks and sand
- Pull a recovery rescue line, up to 800 yards long, through strong currents and large surf
- EMILY and additional parts conveniently available online

Applications

- Tsunami response
- Commercial shipping
- Cruise ships
- Flash flood environments
- Pier or dock locations
- Oil rig operations
- Private boats and yachts

A necessary safety device for all marine environments.

HYDRONALIX

For more information, go to www.emilyrobot.com or call 520.203.8351

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EMILY is a fast, reliable, state-of-the-art rescue device

Engineered to race through heavy surf, EMILY has proper balance for quick self-righting performance. The deep, 22 degree hull is designed to track straight during wave breaching. EMILY will survive impact at full speed or in surf with rocks, reef, or pilings. She is built to last with a durable Kevlar® reinforced hull and marine grade canvas.

EMILY has been used extensively around the world by numerous first responder search and rescue agencies for the last several years.



EMILY

- 1 Battery Module
- Battery Charger 2-Pack
- Boat Stand
- Steering Arm Boot Seals
- Canvas Airline Carry Bag
- Flags 3-Pack
- Float Cover
- Tool Kit
- Bilge Bulb
- 1 Spare Impeller
- 1 Spare Inlet Grate
- 1 Spare Lanyar
- Canvas Waterproof Spray
- User Manual

\$9,500

EMILY WITH STARTER KIT

- Battery Charger 4-Pack
- Battery Module 2-Pack
- Battery Straps 2-Pack
- Boat Stand
- Steering Arm Boot Seal
- Charger Cabinet
- Flags 6-Pack
- Inlet Grate 3-Pack
- 1 Spare Impeller
- Tool Kit
- Bilge Bulb
- Lanyards 3-Pack
- Stainless Steel Fastener Kit
- Storage Cabinet
- Canvas Waterproof Spray
- User Manual

\$13,950

EMILY 2-PACK WITH DELUXE STARTER KIT

- Battery Charger 4-Pack
- 2 Battery Module 2-Pack
- Battery Straps 2-Pack
- Canvas Waterproof Spray
- Charger Cabinet
- Flags 12-Pack
- Steering Arm Boot Seals
- Inlet Grate 6-Pack
- 2 Additional Spare Impellers
- Bilge Bulb
- Tool Kit
- Lanyards 6-Pack
- Stainless Steel Fastener Kit
- Storage Cabinet
- User Manual
- 2 Boat Stands

\$24,950

Length: 50"
Beam: 15"
Draft: 2"
Displacement: 25 lbs
Power: 1 kilowatt
Top Speed: 22 mph



Made in U.S.A.
U.S. Patent 8 882 555
Korean Patent 10-1482486

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EMILY^{ERS}

Emergency Integrated Lifesaving Lanyard

2016

Made in U S A
U S Patent 8,882,555
Korea Patent 10-1482486

SWIFT WATER RESCUE FLOAT (INCLUDES THESE ITEMS)

Life Jacket



Type 1
Fabric Covered Life Jacket
Extended Size Child and Adult
USCG approval no.160.055/177/0
Solas Grade Reflective Tape

Helmet



White Water Helmet
Adjustable Chin Strap
Solas Grade Reflective Tape
Light Weight
10 Drainage Ports

\$4,000.00

2 VHF Radios



Waterproof
VHF Radio
Power Selectable from 2 to 6 watts
Waterproof Microphone

Headlight



High Brightness LED
Battery
Powered

Day/Night Camera



Video Displays on
Smart Phones
or Tablets
Camera Automatically
Switches to
Night Vision
in the Dark

Download the APP



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