MAN OVERBOARD
RECOVERY SOLUTIONS
Mission Statement

Our experience and respect for the water inspires us to be the best and innovate easy-to-use water recovery products.
• Born into a Tug family at Hawaii Smith Maritime
• Tug Capt. for over 25 years
• Ran conventional tugs, ASD tractors, ship docking, pushed and towed barges
• Trained crews and Captains

Shane at home in the wheelhouse
About C-Hero

• Started with the notion of helping crews
• Has grown from a davit to a full system with training
• Has written procedures for all workboat MOB’s
• Computer based training and certification coming soon
• Designed by Tug Captain for Tug crews
• Uninspected tugs to inspected
• CG option may require an underway MOB drill
• 140.425
  Companies must have policies and procedures for the recovery of a person in the water
• Company can frame it how they want
• Requiring crews to be first responders
• 140.420: Master must train crews & do MOB drills as if it’s an emergency
• Yearly Training & new crew must be trained
• TPO option has them verifying what was used to support the MOB drills
• Drills must be done as if it’s an emergency
• Rescue with a ladder / Recovery must assume the person can’t help
C-Hero Equipment

• Intentionally designed for human retrieval
• Ease of use, one-person operation
• Davits:
  • Easy to store
  • Easy to deploy on bitts or a bracket
• Rescue poles to fit the needs of the customer
• Easy & affordable with fleet pricing and leasing
• Type Approved by Decatur Marine
C-Hero Recovery Requirements

- Lightweight, quick to setup on either side of the boat
- System only requires 1 person for the recovery
- Lifting winch/davit combination must be man-rated
- Rescue pole must deal with persons floating with feet down
- Davit needs to clear fenders and tires to avoid injury
- Entire C-Hero Rescue Davit and Rescue Pole is type certified by U.S. Coast Guard TPO Decatur Marine
Recent Maritime Incidents

July 4, 2019 - Captain David Whitemarsh goes overboard from tug “Polar Ranger”

- Even with another boat assisting, it took 10 to 15 minutes to get him aboard, and they were unable to revive the Captain

September 2, 2019 – Dive boat “Conception” catches fire and sinks quickly with the loss of 24 passengers and one crew member
September 8, 2019

- The 656-foot vehicle carrier Golden Ray which can carry up to 6,933 cars capsized and caught fire in St. Simons Sound off the coast of Brunswick, Georgia.
- The crew and pilot were all rescued, with the last 4 brought out through a hole drilled and cut through the bottom of the ship by Harken’s Elevated Rescue team.
Partial List of Customers

- FOSS
- GREAT LAKES DREDGE & DOCK COMPANY, LLC
- McALLISTER
- Metal Shark
- Golden Gate Ferry
- Baydelta
- DUTRA
- LeBeouf Bros. Towing, LLC
- Marine Towing of Tampa
Preview, the C-Hero® VR-12 Horizontal Rescue Pole

- A version of the VR-12 “Vertical” Rescue Pole, plus additional webbing to lift person in a horizontal seated position

Lifting Positions

VR-12

HR-12
1. Rescue Pole with Recovery Straps

**Two Combinations:**

2. Bitt Mount Rescue Davit and VR-12 Rescue Pole

3. Bitt Mount Rescue Davit and HR-12 Horizontal Pole
   Introduction package at Work Boat Show
MOB Rescue Equipment

Bitt Mount Rescue Davit
Portable Davit that mounts on the side bitts of a tug for a quick 1 person recovery with Rescue Pole for a complete system

VR12 Rescue Pole
Provides for a quick recovery of conscious or unconscious people, to be lifted out vertically

Flat Mount Rescue Davit
Portable Davit that mounts on any flat surface for a versatile lifting device

VR12 Rescue Pole with Recovery Strap
VR-12 plus added manual lifting strap with handles for a vertical lift by 1 or 2 crew members

HR12 Horizontal Rescue Pole
VR-12 plus additional webbing to lift person in a horizontal seated position

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How to Get Started

Come see our exhibit, or visit our website at

C-Hero.com

OR

415-891-8353