



# MARINE CAPABILITY STATEMENT

Hydropath Marine water conditioners are designed to optimize existing water treatment methods by reducing chemical and water usage, while enhancing equipment performance. An average installation achieves a payback period of under two years.

HydroFLOW U.S.A. LLC, headquartered in Redmond, WA, is the U.S. distributor of the Marine *hm* Range water conditioners that are powered by the patented Hydropath technology. The company has been in business since 2010.

## CORE COMPETENCIES

- Optimization of...**
- Fresh Water Generators
  - UV Sterilizers
  - Steam Boilers
  - Cooling Systems
  - Heat Exchangers
  - Reverse Osmosis
  - Vessel Water Systems



## COMPANY SNAPSHOT

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## DIFFERENTIATORS

- [DNV Type Approved Product](#)
- Average payback period of under two years
- Patented and award-winning technology with proven results
- Dozens of installations on vessels around the world
- Past performance with federal customers
- Verified lab and field studies by private laboratories, universities and engineering firms
- Non-intrusive installation
- Low power consumption



## PAST PERFORMANCE

**MV HOEGH AMERICA - FRESHWATER GENERATOR**  
 After six months of using the Hydropath Marine system on the Fresh Water Generator (FWG), the customer noticed a great reduction in maintenance costs, equipment damage and chemical usage.

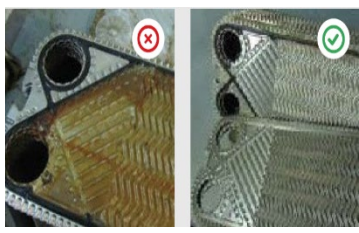
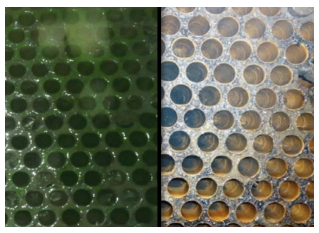
**MV HERMES LEADER - REPLACEMENT OF UV-SYSTEM**  
 3 months after the installation of the two *hm* 45 systems, the customer's water test results came back with no traces of any bacteria.

**RAY SHIPPING EQUIPS FLEET WITH HYDROPATH**  
 Since *hm* units were installed, issues with scale, bio, and corrosion have been completely reduced and kept the system clean with no further maintenance work.

**CAR CARRIER - MAIN COOLING SYSTEM**  
 Findings show that the Hydropath Marine system successfully prevented limescale buildup and barnacle attachment inside the FWG and heat exchanger plates.

**MV DETROIT EXPRESS - FRESHWATER GENERATOR**  
 Only 5 openings of FWG for cleaning were carried out instead of 12 necessary openings before the installation of Hydropath Marine. The crew reported that when they opened the equipment for cleaning, they found soft deposits on the heat exchanger plates which were easy to remove without using chemicals.

## BIOLOGICAL & SCALE RESULTS



BEFORE | AFTER

BEFORE | AFTER