



# THE FOSS RAINIER SHIPYARD

BUILDING THE HIGHEST QUALITY WORKBOATS  
ON THE WATER TODAY





## FINDING SOLUTIONS TO MEET THE NEEDS OF YOUR FLEET

When you decide to invest in your fleet, you can count on Foss' proven track record to get the job done—and done right. Foss Rainier Shipyard's dedicated team of experienced craftspeople collaborates with you on operational requirements, equipment and safety needs to provide a vessel that meets your specifications.

### FOSS PROVIDES:

- **Customizable Teams** – We assemble a team tailored to match the requirements of each job. Our naval architects, licensed marine engineers, CAD designers, shipwrights, riggers, machinists, welders, diesel experts, painters, pipefitters and craftspeople work together to take on the most complex and customized projects.
- **Project Management** – Foss handles your project from start to finish. Offering a full array of services including project management and naval architecture, we can guide any new-build, conversion or repair project from concept to completion.
- **Commitment to Quality** – The Foss Rainier Shipyard builds vessels for our own marine operations so we understand the need for reliable, high-value shipyard services. We relentlessly pursue perfection for your fleet as well as ours.
- **Commitment to Safety** – Safety is the number one priority at Foss. The Rainier Shipyard complies with federal and state safety standards and stresses safety through weekly safety meetings and training. In April 2010 the shipyard completed a year without a lost time injury.



## A FULL SERVICE SHIPYARD

Located on the Columbia River across from Longview, WA, the 2.2-acre Foss Rainier Shipyards features two marine railways rated at 640 ST and 120 ST, with a 90-ton crane and a 40-ton crane. Onsite workshops, project manager offices and available pier-side moorage space ensure the timely progress and accommodation of each project. Our shipyard has undergone extensive infrastructure, equipment and technology upgrades in recent years to support the most up-to-date boat building techniques.

### SOME OF THE RAINIER SHIPYARD CAPABILITIES:

- **Hull Construction & Repair** – Our ABS Certified welders have experience working with a variety of metals and support our structural and pipefitting teams in the installation, removal, upgrade, and fabrication of vessels' structures and propulsion systems. The Rainier Shipyards has built both steel and aluminum hulled boats.
- **Pipefitting** – Our capable pipefitters work with a variety of designs and specifications to accurately meet the needs of each project.
- **Coatings & Surface Preparation** – Our knowledgeable team are experts at sandblasting and coating to standard requirements or to meet any special customer needs.
- **Machinery Repairs** – Our technicians are skilled in repairs on hydraulic, electrical, control and piping systems. We have expertise in deck machinery maintenance and installation, and shaft alignment.
- **Conversions & Outfitting** – Our accomplished team of skilled craftsmen have years of experience working together on vessel and barge conversions and modifications. We pride ourselves on handling the most complicated and complex onboard installations with creativity and solid know-how.



## HYBRID CONVERSIONS MAINTAIN POWER, REDUCE EMISSIONS

The Foss Rainier Shipyard built the world's first hybrid tug, the *Carolyn Dorothy*, operating today in the San Pedro Bay. The hybrid tug was designed to retain the power and maneuverability of her sister tugs, while dramatically reducing emissions, noise, fuel consumption, and machinery maintenance costs.

The same hybrid technology used to develop the *Carolyn Dorothy* can be used to convert existing harbor tugs—and other types of workboats—to hybrid vessels with lower emissions, improved fuel economy and lower maintenance costs. Conversions can be done on vessels with a variety of designs and propulsion systems.

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**FOSS IS A PROVEN LEADER IN BUILDING THE FINEST WORKBOATS ON THE WATER TODAY; BOATS CONSTRUCTED USING STATE-OF-THE-ART TECHNOLOGY AND MODERN BOAT BUILDING TECHNIQUES.**

On the leading edge of marine technology, engineering and boat building, Foss Rainier Shipyard constructs reliable, efficiently designed, and expertly crafted vessels. We offer new construction, hybrid tug conversions, vessel maintenance and repair.

Foss has built a variety of award-winning vessels. With every project, you can rely on Foss for quality workmanship, on-time delivery, and a commitment to safety and environmental stewardship.



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## ALWAYS SAFE. ALWAYS READY.

Foss Maritime's Rainier, Oregon shipyard built the world's first hybrid tug, operating today in San Pedro Bay. The Oregon shipyard offers new construction and maintenance of tugs, pilot boats, fireboats, barges and other workboats, as well as conversions, including hybrid tug retrofitting.



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