



## MARITIME SOLUTIONS. DELIVERED.



Foss is a full service maritime company focused on solving our customers' toughest marine transportation and logistical challenges—close to home and in some of the most extreme environments in the world.

### **DELIVERING RESULTS.**

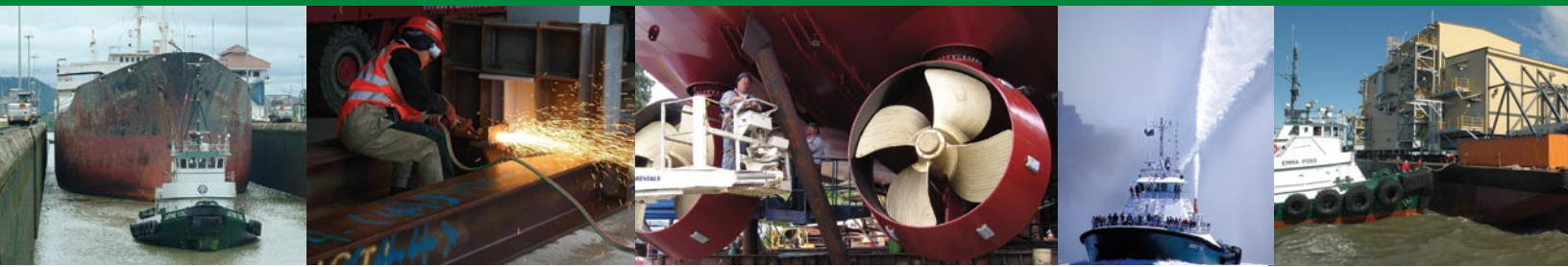
Foss has the expertise to support any industry requiring marine transportation services, project management or logistics, helping to handle all of the details from one-time ship assist jobs in local harbors to major multi-year projects across the globe.

With two full-service shipyards and an expert marine engineering group, Foss helps customers throughout the entire life cycle of a project—from analyzing vessel and equipment requirements for a specific job, to designing a new build or vessel modification, all the way through to production and proper outfitting of the vessel with the right gear for the job.

### **SAFETY FIRST. ALWAYS.**

Foss' commitment to safety and to safeguarding the environment is company-wide. Our primary focus is to keep people, property and the environment safe 100% of the time.

At Foss, we continuously improve safety awareness and strengthen our environmental controls through monitoring, sharing best practices and encouraging a safety culture throughout the company. Foss complies with, and is certified by, both domestic and international quality and safety standards such as ISO (International Safety Management) and AWO RCP (American Waterway Operators Responsible Carrier Program).



## OUR SERVICES.

Foss provides customers with a broad range of services in every industry:

- Marine logistics
- Bunker & petroleum transportation
- Liquid Natural Gas (LNG) terminal operations
- Project cargo & logistics
- Ship assist & tanker escort
- Construction support
- Lighterage & bulk transportation
- Towing—ocean, harbor, river
- Shipyard services
- Professional engineering: Foss Harbor Marine Group
- Emergency response—rescue & repair

## GLOBAL REACH.

## LOCAL KNOWLEDGE.

Foss provides harbor services and transportation operations in all major U.S. West Coast ports—including the Columbia and Snake River system—as well as U.S. East Coast ports. Internationally, Foss supports customers across the Pacific Rim, in Europe, South America and the Arctic.

Foss offices are located in:  
 Seattle, Washington (*corporate office*)  
 Portland, Oregon  
 San Francisco, California  
 Los Angeles/Long Beach, California  
 Boston, Massachusetts (*operated by Foss subsidiary, Constellation Maritime Company*)

## OUR VERSATILE FLEET.

Foss has one of the most versatile, advanced fleet of tugs in the world. Our state-of-the-art fleet provides a full range of harbor, ocean and river services, and our shipyard is continually building new tugs to meet our customers' needs and set new industry standards.

- Dolphin Tugs: 5,080 hp
- Voith Schneider Tractor Tugs: 3,000–8,000 hp
- ASD Tractor Tugs: 3,000–6,250 hp
- High Performance Tugs: 4,300–8,200 hp
- Conventional Tugs: 1,800–3,500 hp

In addition to tugboats, Foss operates a large fleet of flat deck, multipurpose and specialized commodity barges, and has access to an extensive list of pre-qualified chartered vessels.

Foss also builds and operates specialized vessels created to meet its customers' unique needs, such as:

- > Two self-unloading bulk cargo lighterage barges specially designed to transfer ore concentrates in very challenging operating conditions above the Arctic Circle in northwest Alaska.
- > One of the world's largest railcar barges, the 425' x 100' Foss *Aquatrain*, which sails between Canada and Alaska.
- > The *M/V Delta Mariner*, a purpose-engineered vessel designed to transport rocket booster cores for Boeing's Delta IV Program.



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