



Harley Marine Services

A Full Service Marine Transportation Company

910 SW Spokane Street, Seattle, WA 98134

www.harleymarine.com

PRESS RELEASE

HARLEY MARINE SERVICES WELCOMES FIRST U.S. EPA TIER 4 TRACTOR TUG

SEATTLE, WA (February 28, 2017) – Harley Marine Services accepted delivery of its newest tractor tug, EARL W REDD. The first-of-its-kind, the EARL W REDD is equipped with Caterpillar’s Tier 4 emissions technology and enters the fleet as one of the most efficient and environmentally conscious vessels in the world. The EARL W REDD will not only meet but exceed the toughest marine EPA standards.

The vessel is a true testament to Harley Marine’s commitment to a cleaner tomorrow. Harley Marine Services is an environmentally conscious leader within the maritime industry and consistently raises the bar in an effort to practice ever stronger “green” business practices.

Built at Diversified Marine of Portland, Oregon, the EARL W REDD measures 120 feet by 35 feet, with a loaded draft of 19 feet 3 inches. The tug features twin Cat 3516 Tier 4 Final main engines that will each produce 2,675 horsepower at 1,600 rpm. Each of the engines is paired with a selective catalytic reduction (SCR) after treatment system. SCR uses a urea-based solution to reduce NOx contained in diesel exhaust down to nitrogen and water vapor. The main engines will be paired with Rolls Royce US 255-P30-FP azimuth thrusters delivering an expected bollard pull capability of 75 tons.

The EARL W REDD has a fuel capacity of 127,000 gallons and can carry 6,534 gallons of water, 1,137 gallons of lube oil, 1,263 gallons of hydraulic oil and 8,200 gallons of diesel exhaust urea. The vessel also features tow and bow winches by Markey and fendering by Schuyler. The bow winch is specially designed for ship handling and escort services. Auxiliary power comes from John Deere 125kW generators.

Harley Marine is honored to name the vessel after a truly remarkable man, Earl W. Redd. Earl, father of Diversified Marine’s owner, Kurt Redd, was well-known and loved by everyone he encountered. Earl was a charmer to the fullest extent and a salesman who no one could refuse. He was a 32nd Mason and an athlete, playing baseball, football, basketball, skiing, and golfing. He even cleared the pool table, given the opportunity, but the water and fishing were his true passion.

Earl worked for Hyster and US Steel, but found his niche when he landed firmly and found his fit at Harder Mechanical Contractors where he retired at 70. After retirement, Earl became part of the Diversified team and a strong presence for the remaining 25 years of his life.

Earl was a legend with a presence greater than life. He will be missed by many and he will sail the mighty seas he loved on the stunning EARL W REDD.

The tug will enter service along the United States West Coast, providing customers with a clean alternative for their transportation requirements.

Harley Marine Services is a leading provider of marine transportation services in the United States, with operations along the West Coast (including Alaska), New York Harbor and the U.S. Gulf Coast. Services provided include the transportation and storage of petroleum products, ship assist and escort, the transportation of general cargo and rescue towing. Harley Marine is dedicated to providing excellent customer service and maintaining our obligations to employees, shareholders, our community and the environment.