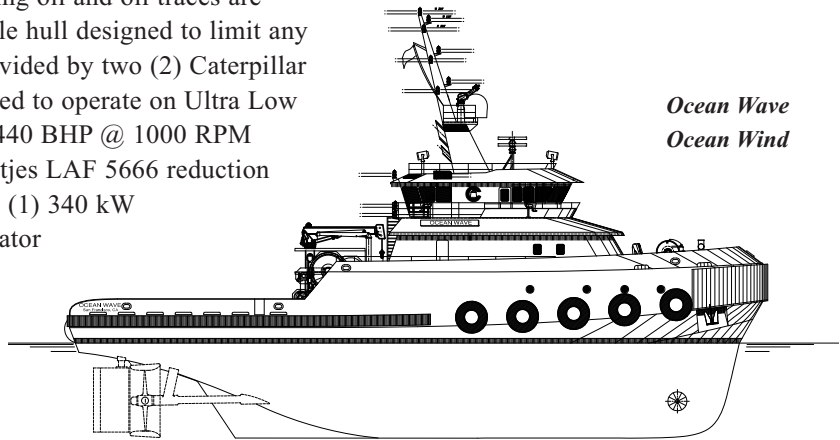


OCEAN CLASS



The ocean-class vessels are twin screw with controllable pitch propellers (CPP), in nozzles and high lift rudders. Their hulls are welded steel construction and each is outfitted for long range ocean towing, firefighting and general purpose vessel requirements. The vessels are transverse framed with transverse and longitudinal bulkheads, including the collision bulkhead which extends to the main deck. The boat is designed with the environment in mind. All tanks containing oil and oil traces are inboard of the side shell creating a double hull designed to limit any overboard discharges. Propulsion is provided by two (2) Caterpillar C-280-12 Tier II* diesel engines, designed to operate on Ultra Low Sulfur Diesel fuel and each is rated at 5440 BHP @ 1000 RPM driving the CPP Propellers through Reintjes LAF 5666 reduction gears. Electric power is provided by one (1) 340 kW Caterpillar C-18 Tier II* auxiliary generator (Harbor Generator), two (2) 1475 KVA shaft generators and one (1) 125 kW Caterpillar C-6.6 Tier II emergency generator system. The vessel is flagged in the Registry of the United States of America and complies with all applicable rules and regulations.



*Ocean Wave
Ocean Wind*

**capable of being upgraded to Tier III or IV*

CROWLEY[®]
People Who Know™

9487 Regency Square Boulevard
Jacksonville, Florida 32225
(904) 727-2200

www.crowley.com

OCEAN CLASS VESSEL SPECIFICATIONS:

FLAG

United States

PORT OF REGISTRY

San Francisco, CA

BUILDER

Bollinger Shipyards
Amelia, LA

OVERALL DIMENSIONS

Length: 146' (44.4m)
Breadth: 44' (13.41m)
Depth: 26' (7.92m)
Design Draft: 21' (6.4m)

TONNAGE

<1600RGT

CONSTRUCTION

Steel

FUEL CAPACITY

251,346 Gallons (941.55m³)

FUEL OIL OVERFLOW

2,118 Gallons (8.02m³)

DIRTY OIL

1,037 Gallons (3.93m³)

OILY WATER

1,225 Gallons (4.64m³)

HYDRAULIC OIL

1,225 Gallons (4.64m³)

FRESH WATER

16,868 Gallons (63.85m³)

GRAY WATER

6,474 Gallons (24.51m³)

SEWAGE HOLDING

4,880 Gallons (18.47m³)

FOAM STORAGE

1,436 Gallons (5.44 m³)

LUBE OIL

2,900 Gallons (10.98m³)

MAIN ENGINES

(2) Caterpillar C-280-12 Tier II*
Developing 10,880 (8,113kW) Total BHP

SPARE AUXILIARY GENERATOR

(1) 340kW Caterpillar C-18 Tier II*

EMERGENCY GENERATOR

(1) 125kW Caterpillar C-6.6 Tier II*

SHAFT GENERATORS

(2) 1,475 KVA

PROPELLERS

(2) 4 Blade Cu-Ni-Al CPP
153.5" (3.9m) Diameter

NOZZLES

High Efficiency

REDUCTION GEARS

(2) Reintjes LAF 5666

SPEED

15 Knots

BOW THRUSTER

(1) Berg (Electric) VFD 850 HP (634kW)

CRANES

Aft Deck 25T Capacity
Foc's'le Deck Crane 5T Capacity

BOLLARD PULL

150T minimum

TOWING WINCH

Intercon - DW275 Hydraulic
Min. Holding Power 350 S.T. (317.51 M.T.)
500,000 Lbs (226.80 MT) @ 20 Ft/Min
(6.1 m/Min)

AUXILIARY WIRE DRUM

300' of 1" Wire rated @ 40,000 Lbs
(18.14 MT) @ 100 Ft/Min (30.48 m/Min)

AUXILIARY CAPSTAN

Rated @ 23,000 Lbs (10.43 MT) Line
Pull @ 150 Ft/Min (45.72 m/Min)

TOWING WIRES

3,000' (914m) - 2.5" (63.5mm) Wire
(Upper)
4,200' (1,219m) - 2.75" (69.85mm) Wire
(Lower)

WIRE GUIDE PINS

200 MT Triplex

SHARK JAWS

350 MT Triplex

STERN ROLLER

6' (1.83m) Diameter - Full Transom

NAVIGATION/ COMMUNICATIONS EQUIPMENT

Radar - (2) Furuno FAR2117BB
GPS - (2) Northstar 952XD DGPS
GMDSS - Furuno RC1815 GMDSS
Autopilot - Robertson
Gyrocompass - Robertson
Depth Sounder - SOLAS Approved
Radios - (5) Furuno FM 3000
World Phone - Sailor (Thrane & Thrane)
EPIRB - (2) COSPAS-SARSAT 406MHz

CLASSIFICATION

⊗ A-1, Towing Service
⊗ AMS
Fi-Fi 1
USCG Certificate of Inspection
Green Passport
SOLAS
International Load Line Certificate

**capable of being upgraded to Tier III or IV*

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