



Name	Number	Year Built
Ocean Wave	1231889	2012
Ocean Wind	1231890	2012
Ocean Sun	1231891	2013
Ocean Sky	1231892	2013

DP1 & DP2

OCEAN CLASS

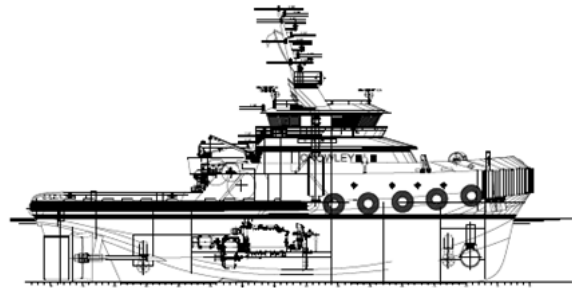
The ocean-class vessels are twin screw with controllable pitch propellers (CPP), in nozzles with independent high lift rudders. Their hulls are welded steel construction and each is outfitted for long range ocean towing, dynamic positioning and general purpose vessel requirements.

The vessels are transverse framed with transverse and longitudinal bulkheads and are designed with all oil tanks inboard of the side shell to create a double hull. 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.

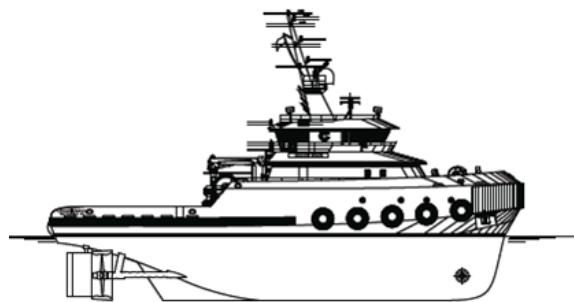
Electric power is provided by one (1) 340 kW Caterpillar C-18 Tier II* auxiliary generator (Harbor Generator), two (2) 1475 KVA, for the DP1 and 1.5 for the DP2 version, shaft generators and one (1) 125 kW Caterpillar C-6.6 Tier II emergency generator system.

The vessels are flagged in the Registry of the United States of America and comply with all applicable rules and regulations for unrestricted ocean towing.

**capable of upgrade to Tier III or IV*



DP2 - Ocean Sky & Ocean Sun



DP1 - Ocean Wave & Ocean Wind

Vessel Specifications

FLAG

United States

PORT OF REGISTRY

Lake Charles, LA

BUILDER

Bollinger Shipyards - Amelia, LA

OVERALL DIMENSIONS

Length: 135.8 feet (41.4m)
Ocean Wind/Ocean Wave
145.4 feet (44.3m)
Ocean Sky/Ocean Sun
Breadth: 46' (14.03m)
Depth: 25' (7.62m)
Design Draft: 21' (6.4m)

TONNAGE - <1600GRT

CONSTRUCTION - Steel

OPEN DECK SPACE

47' x 45' 2115 sq2
13.71M x 14.32M 196.48 sq m2

FUEL CAPACITY

234,738 Gallons (888.58m³)
Ocean Wind/Ocean Wave
251,700 Gallons (973.20m³)
Ocean Sky/Ocean Sun

FUEL OIL OVERFLOW - 2,118 gal.
(8.02m³)

DIRTY OIL - 1,153 gal. (4.36m³)

OILY WATER - 1,225 gal.(4.64m³)

HYDRAULIC OIL - 570 gal
(2.16m³)

FRESH WATER

19,060 gal. (72.15m³)
Ocean Wind/Ocean Wave
24,700 gal. (93.5m³)
Ocean Sky/Ocean Sun

GRAY WATER - 6,474 gal. (24.51m³)

SEWAGE HOLDING - 5,582 gal.
(21.13m³)

LUBE OIL - 2,900 gal. (10.98m³)

MAIN ENGINES

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

HARBOR GENERATOR

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

EMERGENCY GENERATOR

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

SHAFT GENERATORS

(2) 1,475 KVA
Ocean Wind/Ocean Wave
(2) KATO rated 1.5MW each
Ocean Sky/Ocean Sun

PROPELLERS

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

NOZZLES - High Efficiency

REDUCTION GEARS

(2) Reintjes LAF 5666

SPEED - 14 Knots

BOW THRUSTER

(1) Berg (Electric) VFD 850HP
Ocean Wind/Ocean Wave
(2) Berg (Electric) VFD 500HP
Ocean Sky/Ocean Sun

STERN THRUSTER

(1) Berg 500HP - Ocean Sky/Ocean Sun

CRANES

Aft Deck SWL 3,850 lbs

BOLLARD PULL - CONTINUOUS

Ocean Wave 162 ST / 147.0 MT
Ocean Wind 165 ST / 149.7 MT
Ocean Sun 160 ST / 145.5 MT
Ocean Sky 161 ST / 147.0 MT

TOWING WINCH

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

INDEPENDENT DECK AUXILIARY TUGGER WINCH

300 ft. of 7/8" wire rated at 25,000lbs

WIRE GUIDE PINS - 200 MT Triplex

INDEPENDENT AUXILIARY WIRE DRUM

300' of 1" Wire rated @ 40,000 Lbs (18.14 MT) @ 100 Ft/Min (30.48 m/Min)
Independent Capstan
Rated @ 23,000 Lbs (10.43 MT) Line Pull @150 Ft/Min (45.72 m/Min)

BOW WINCH

Intercon - VMS Winch
Electric Windless Mooring 1.25" chain
Independent Capstan
Line Drum 300' of 1.75" Quantum-8

TOWING WIRES

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

SHARK JAWS - 350 MT Triplex
Quick Release

STERN ROLLER - 6' (1.83m) Diameter

ACCOMMODATIONS

14 total - (2) 1 person, (6) 2 person staterooms
Ocean Wind/Ocean Wave
13 total available - (3) 1 person staterooms; (5) 2 person staterooms
Ocean Sky/Ocean Sun

NAVIGATION/ COMMUNICATIONS EQUIPMENT

(2) Radar, (2) GPS, GMDSS, Autopilot,
Gyrocompass, Depth Sounder
- SOLAS Approved, (5) Radios, World Phone, (2) EPIRB, Dynamic Positioning

CLASSIFICATION

A1, Towing Service, AMS, ABS, ABS DP-1 Ocean Wind/Ocean Wave, ABS DP-2 Ocean Sky/Ocean Sun, USCG Certificate of Inspection, Green Passport, SOLAS, International Load Line Certificate

DP1 only specs listed in gold / DP2 only in blue

All information contained herein (including but not limited to any specifications, particulars, capacities, or capabilities) is believed to be correct, but is not guaranteed and is subject to change without notice.