

146' x 46' Ocean Tug



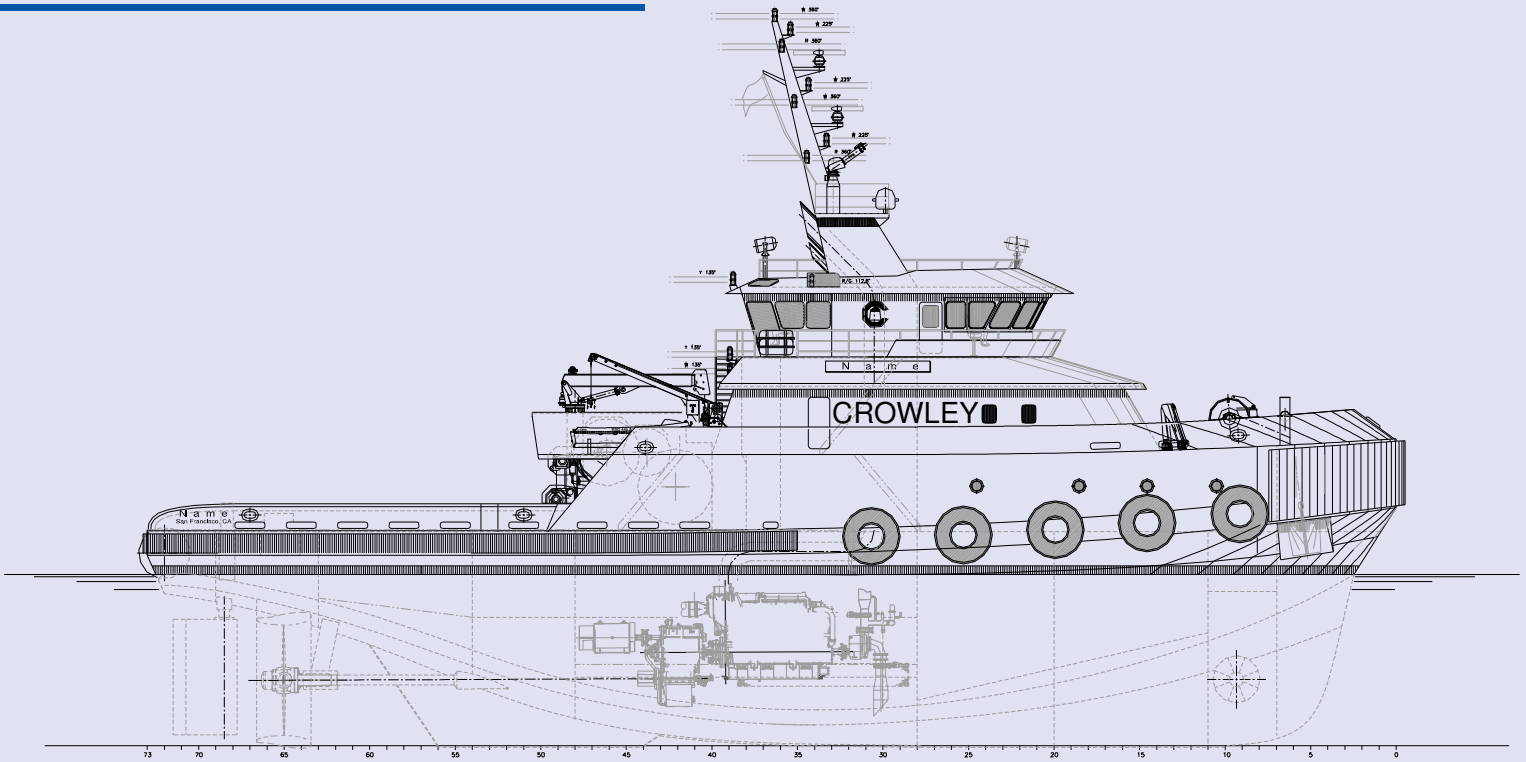
The OCEAN WAVE and OCEAN WIND are the first two vessels of the new generation of deep ocean, long haul tugs for Crowley. Designed to be a multi-purpose platform for a variety of missions, this class of vessels are powered by twin diesel engines driving large CPP propellers in nozzles to maximize efficiency. The vessels will have a top speed of over 15 knots and will have a bollard pull of 150 metric tons.

The OCEAN WAVE and OCEAN WIND will be outfitted for a variety of long haul tows, including rigs, FPSOs, and heavy cargo barges. With a Dynamic Positioning system and an ABS Fire Fighting Vessel 1 class, the vessels are well suited for offshore support and anchor handling. Their open decks also make them ideal for emergency response service.

The vessels are designed to the highest safety and environmental standards. All major towing equipment is controlled from the pilothouse, allowing the decks to be kept clear of personnel for increased safety. In addition to meeting SOLAS and basic ABS Class requirements, the vessels will have a Green Passport Class notation. Furthermore, all oils and wastes are stored away from the side shell to minimize risks of accidental spills. The double hull tanks contain only ballast and potable water.

All crew accommodations are above the main deck for increased safety. The staterooms are comfortable, with no more than two people in each room. Each stateroom also has a private head. The increased crew comfort will minimize fatigue and help Crowley attract and retain top-notch crews.

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Builder

Bollinger Shipyards
Amelia, LA

Overall Dimensions

Length..... 146'-0" (44.4 M)
Breadth 46'-0" (14 M)
Depth 25'-0" (7.6 M)

Tonnage

<1600 ITC

Class Notation

+A1 +AMS Towing Service FFV1
ABS DP-1 Ocean Wind/Ocean Wave

Fuel Capacity

234,738 gal

Lube Oil

2,306 gal

Fresh Water

19,060 gal

Speed

16 kts

Bollard Pull

~150 MT
~165 ST

Main Engine

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

Bow Thruster

(1) Berg (Electric) VFD 850 HP

Shaft Generators

(2) 1,475 KVA

Reduction Gears

(2) Reintjes LAF 5666