



THL-15646

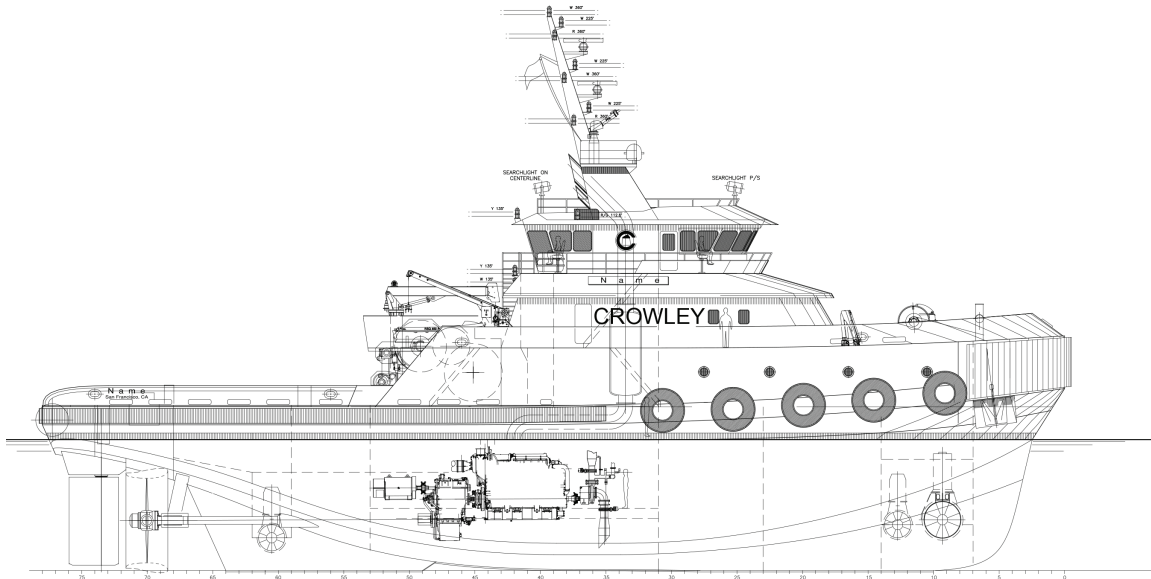
156' x 46' Ocean Tug

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, firefighting and general purpose vessel requirements. The vessels are transverse framed with transverse and longitudinal bulkheads and is designed with all tanks containing oil and oil traces inboard of the side shell to create a double hull.

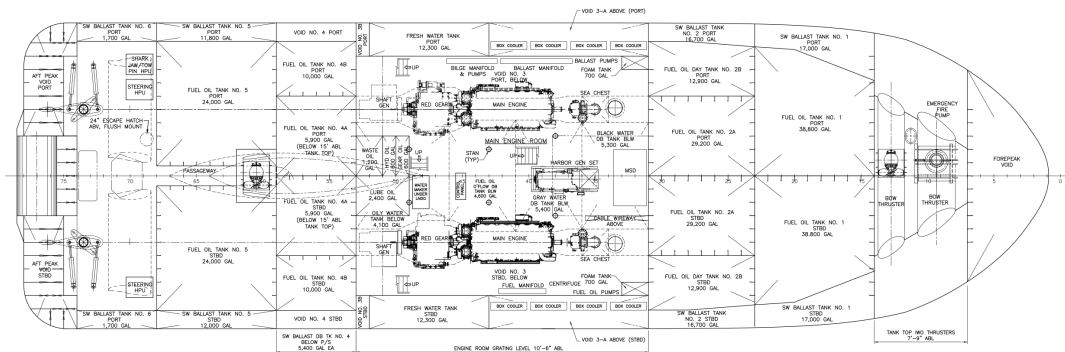
Propulsion is provided by two (2) Caterpillar C-280-12 Tier II* diesel engines, designed to operate on Ultra Low Sulfur Diesel fuel and each is rated at 5440 BHP @ 1000 RPM driving the CPP Propellers through Reintjes LAF 5666 reduction gears. Electric power is provided by one (1) 340 kW Caterpillar C-18 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 vessel is flagged in the Registry of the United States of America and complies with all applicable rules and regulations for unrestricted ocean towing.

*capable of being upgraded to Tier III or IV



OUTBOARD PROFILE



HOLD PLAN

Vessel Specifications

Overall Dimensions

Length	156'-0" (47.5 m)	Speed	16 kts
Breadth	46'-0" (14 m)	Bollard Pull	~150 MT ~165 ST
Depth	25'-0" (7.6 m)	Main Engine	2 x Cat C-280-12 Tier II* Developing 10,880 (8,113 kW) Total BHP
Tonnage	<1600 ITC	Bow Thruster	1 x Berg (Electric) VFD 500 HP 1 x Berg (Electric) VFD 850 HP
Class Notation	✕ A1 ✕ AMS Towing Vessel FFV1 ABS DP-2 Ocean Sky/Ocean Sun	Stern Thruster	1 Berg 500HP
Fuel Oil	251,700 gal (95.8 m ³)	Shaft Generators	2 x KATO rated 1.5MW each
Lube Oil	2,900 gal (11.0 m ³)		
Fresh Water	24,600 gal (93.1 m ³)		

*capable of being upgraded Tier III or IV