



TLH-12035

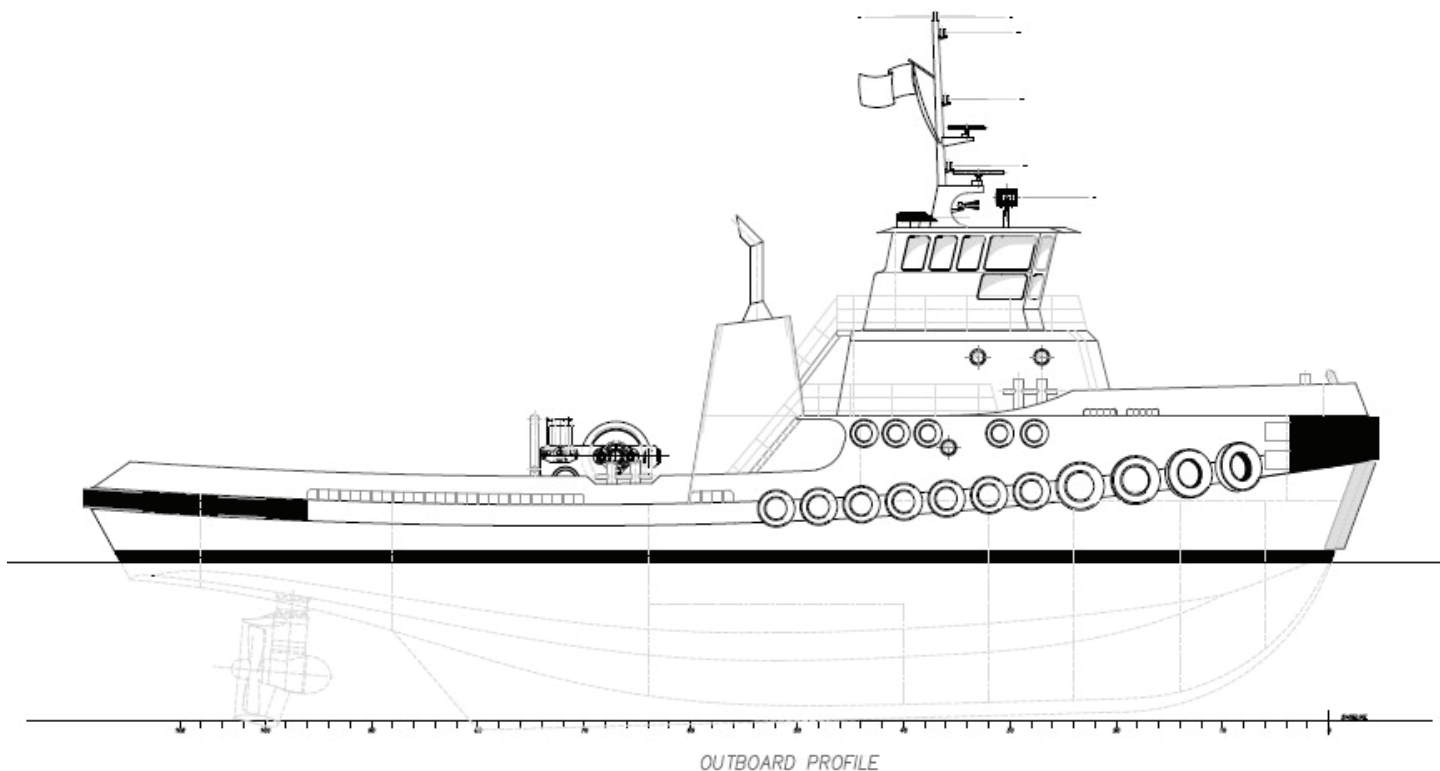
120' x 35' Line-Haul Tug

The *Hawaii* and *Washington* builds are based on the successful Titan class tugboats, which Jensen developed alongside Western Towboat, a Seattle-based tug and barge company.

Crowley is pleased to introduce the Titan Class tugboats, *Hawaii*, built in 2013 and *Washington*, expected in 2014, as part of its continued commitment to meeting the ocean towing needs of its project management customers.

Powered by twin GE 8L250 EPA Tier II engines, each rated at 2679 HP/1999KW @ 900 RPM, the ABS Maltese Cross A1, Towing Service, Machinery-Classed *Hawaii* and *Washington* consume significantly less fuel and enjoy much lower maintenance costs than other equivalently powered oceangoing tugboats. The tugs are fitted with a pair of Schottel 1515 Z-drive units for superior maneuverability of tows in port and in close quarters.

Measuring 494 International tons and 99 US Regulatory tons, the tugs are qualified to sail in all U.S and worldwide waters with the smallest possible crew.



OUTBOARD PROFILE

Vessel Specifications

Overall Dimensions

Length	120'-0" (36.6 m)	Headline Winch	JonRie Series 200
Breadth	35'-0" (10.7 m)	Tonnage	99 US Regulatory 494 International
Depth	21'-0" (6.4 m)	Horsepower	Total 5358 HP at 900 RPM
Crew Complement	4-11	Main Propulsion	2 x GE 8L250, 2679 HP each @ 900 RPM, 5358 HP Total
Certifications Class,	ABS + A1, AMS Machinery Towing Service, All Oceans	Z-Drive Thrusters	2 x Schottel 1515FP, 2600 MM Diameter Stainless Steel Propeller
Navigation Equipment	Dual Radars, Satellite Communication, VHF Radios	Bollard Pull	160,000 lbs (approx)
Fuel Capacity	158,000 gal	Ship's Service Power	(2) John Deere 6081A/ Kohler Generator, 180 kW
Fresh Water	11,000 gal	Emergency Tow Line	600'-7" Dyneema Towing Package
Double-Drum Winch	JonRie Series 500		

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