



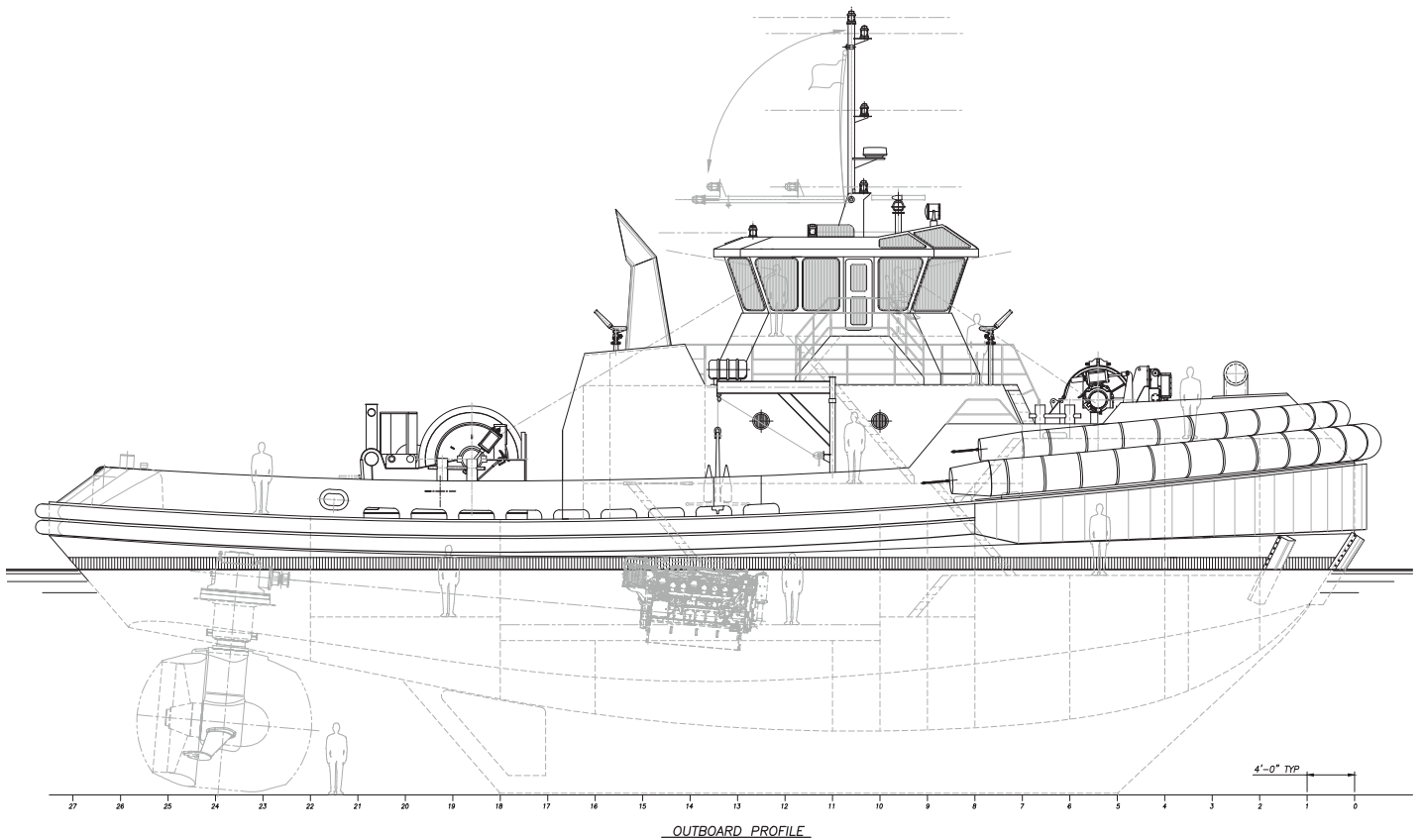
TES-11040

110' x 40' Tractor Tug

The new high performance tractor tug features some of the first Tier IV engines meeting higher federal air emissions standards among U.S. tugboats. The 110-foot long vessel will feature the ship assist and escort capabilities of smaller harbor tugs, while delivering the improved towing performance and increased range of larger ocean-going tugs. Tug is owned by Vessel Chartering LLC, a subsidiary of BayDelta Maritime, and is currently being chartered by Foss Maritime.

With new ballast water treatment requirements on the horizon from the EPA and U.S. Coast Guard, the tug was designed without any ballast tanks, thereby eliminating the need for ballast water discharge and the potential transfer of invasive species. In lieu of ballast tanks, the tug will transfer fuel, as necessary, in order to maintain proper trim.

The tug is designed to carry up to 4,500 gallons of urea, which is used for treatment of the main engine exhausts in order to meet Tier IV emissions requirements. A large pilot house will provide all-around visibility, and the deckhouse has an open feel with a large mess and lounge area along with accommodations for a 10-person crew.



Vessel Specifications

Overall Dimensions

Length	110'-0" (33.5 m)	Fuel Capacity	123,000 gal
Breadth	40'-0" (12.1 m)	Fresh Water	4,300 gal
Depth	18'-0" (5.5 m)	UREA	4,500 gal
Bollard Pull	93-95 short-ton	Double-drum Winch Aft	Rapp USA
Main Propulsion	2 x Cat 3516 Tier IV 3,385 hp each	Hawser Winch Forward	Markey
		Crew	10