

Name	Official No.	Year Built
Avik	1155830	2004



AVIK CLASS TUGBOATS

1,000 Series

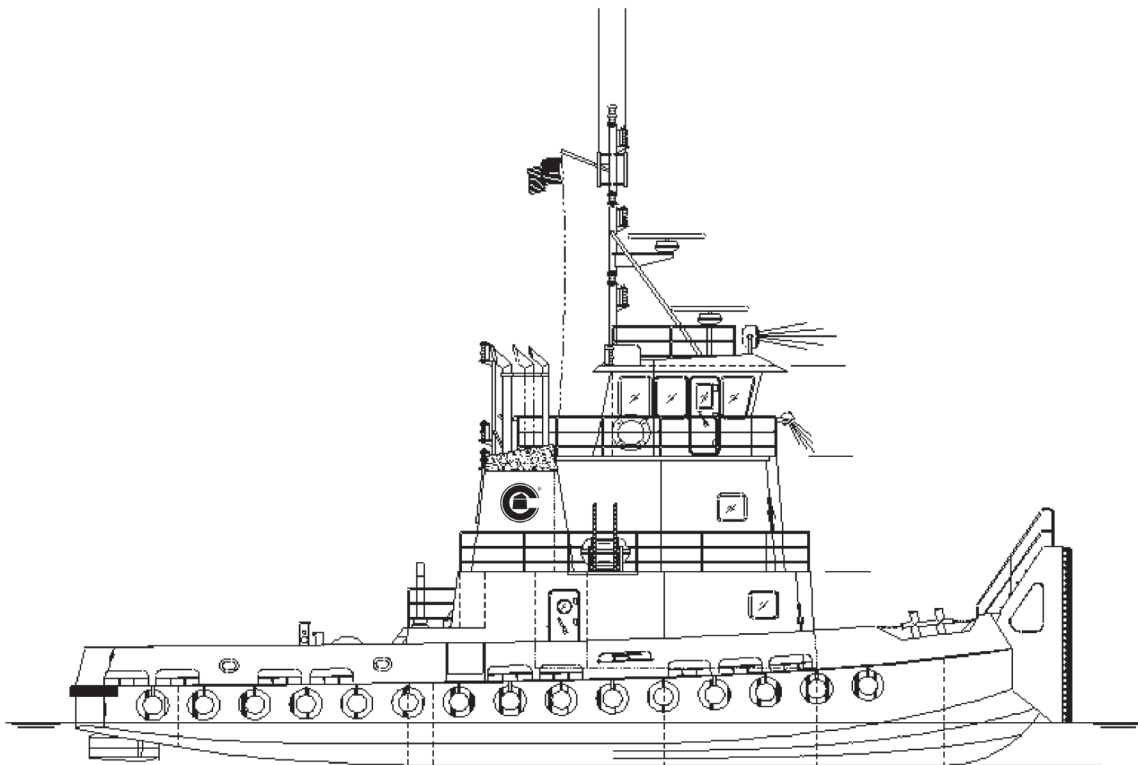
Avik Class tugs are designed for utilization with barges in the coastwise and river trades of the Pacific Northwest and Alaska. Their stern hull configuration shrouds the propellers in tunnels enabling these tugs to work in very shallow waters. The hull form provides sea-keeping qualities that enable these tugs to engage in ocean towing.

The tug features a raised bridge to allow for heightened visibility when engaged in either the towing or pushing mode. Astern tow winch and fendered push knees on the bow allow the boat to engage in conventional towing or operate in the push mode. The tug is built to American Bureau of Shipping (ABS) standards, has accommodations for eight people and is equipped with the latest navigational and communications technology.

The Avik Class tug design incorporates several state-of-the-art features including:

- Propulsion and auxiliary engines that meet all International Maritime Organization (IMO) emissions standards.
- Fuel tanks surrounded by void spaces to minimize the risk of fuel spills.
- Holding tanks to retain treated sewage onboard.
- Electric rather than hydraulically operated deck machinery.

To learn more, or to put these boats to work on your next project, please contact our Solutions team today.



GENERAL SPECIFICATIONS

Flag Registry

United States (U.S.)

Overall Dimensions

Length 76' • 23.16m

Breadth 32' • 9.75m

Depth 7' • 2.13m

Loaded Draft . . . 4'10" • 1.47m

Light Draft 3'6" • 1.07m

Tonnage

Gross 169

Net 115

Capacities

Fuel. 23,900 gal.

Potable Water . . 3,900 gal.

Lube Oil 900 gal.

Main Propulsion

Main . . . (3) Caterpillar 3406E DITA

Aux. . . . (2) Caterpillar 3304 DITA

Horsepower

1,350 maximum continuous BHP

Propulsion

Triple-screw, stainless steel

Bollard Pull (calculated)

28,000 lbs. ahead/20,000 lbs. astern

Reduction Gear

Reintjes WAF 244MKK gears, ratio

2.957:1

Towing Winch

Markey, TES-22, single-drum

Towing Wire

(1) 1,250 feet of 1.25" wire rope

Auxillary Winch

(2) Patterson 60-ton with 1.125" wire

Navigation Equipment

Dual Radars, VHF Radio, Satellite Communications, GPS, Fathometer, Autopilot

Builder

Dakota Creek Shipyard

Certification

ABS + A1 Towing Vessel

*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.

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