

AVIK - CLASS



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. A stern 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.

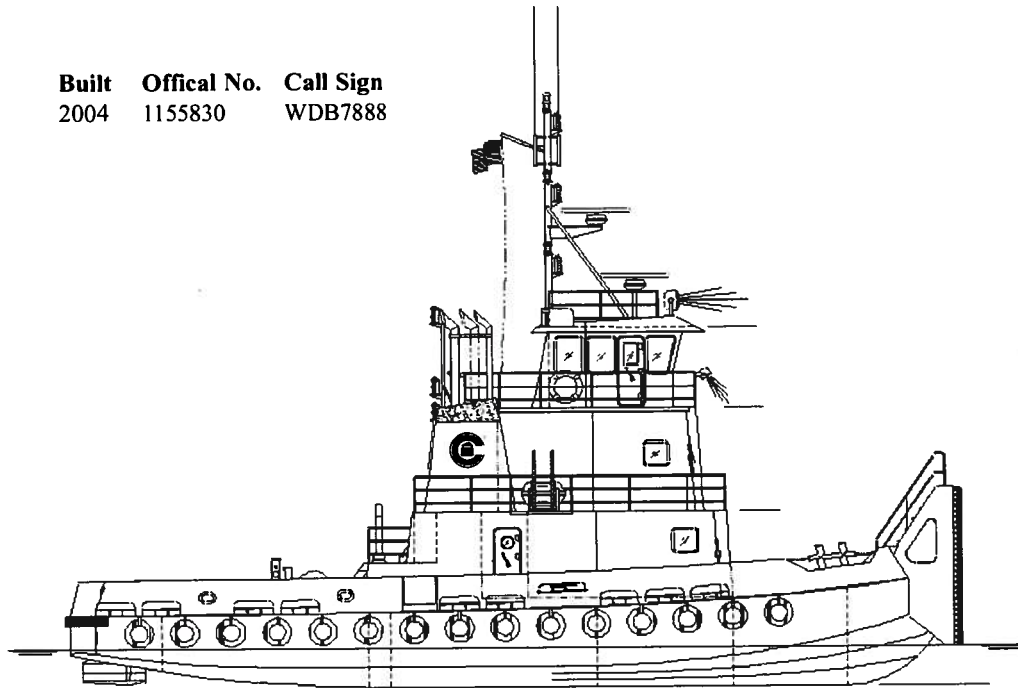
CROWLEY[®]
People Who Know™

Pier 17, 1102 SW Massachusetts Street
Seattle, Washington 98134
(206) 332-8000


www.crowley.com



Tug **Built** **Official No.** **Call Sign**
 Avik 2004 1155830 WDB7888



AVIK CLASS SPECIFICATIONS:

FLAG United States	FUEL CAPACITY 23,900 gallons	TOWING WINCH Markey TES-22, single-drum
PORT OF REGISTRY San Francisco, CA	POTABLE WATER 3,900 gallons Water maker	TOWING WIRE 1,250' of 1-1/4" wire rope
BUILDER Dakota Creek Shipyard Anacortes, WA	LUBE OIL 900 gallons	AUXILIARY WINCHES 2 Patterson 60- ton Winches w/ 1-1/8" wire
OVERALL DIMENSIONS Length: 76' Breadth: 32' Depth: 7'	MAIN ENGINES Three Caterpillar 3406E DITA, Each rated at 450 HP	BOLLARD PULL (calculated) 28,000 lbs. ahead 20,000 lbs. astern
TONNAGE 169 gross tons, 115 net tons	AUXILIARY ENGINES 2 Caterpillar 3304 DITA	NAVIGATION/ COMMUNICATIONS EQUIPMENT Radar - 2 Furuno FR-8100-D GPS - Trimble NT200 Fathometer - Furuno LS6000 VHF - 2 ICOM + 1 Autopilot - Robertson AP-45 Satellite Telephone
CONSTRUCTION Steel hull Aluminum superstructure	PROPELLERS Triple-screw stainless steel	CLASSIFICATION ABS  A1 Towing Vessel
LIGHT DRAFT 3' 6"	HORSEPOWER 1,350 maximum continuous BHP	
LOADED DRAFT 4' 10"	REDUCTION GEAR Reintjes WAF 244 MKK gears, ratio 2.957:1	

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