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.

Pier 17, 1102 SW Massachusetts Street
Seattle, Washington 98134
(206) 332-8000
www.crowley.com
AVIK CLASS SPECIFICATIONS:

FLAG
United States

PORT OF REGISTRY
San Francisco, CA

BUILDER
Dakota Creek Shipyards
Anacortes, WA

OVERALL DIMENSIONS
Length: 76'
Breadth: 32'
Depth: 7'

TONNAGE
169 gross tons, 115 net tons

CONSTRUCTION
Steel hull
Aluminum superstructure

LIGHT DRAFT
3' 6"

LOADED DRAFT
4' 10"

FUEL CAPACITY
23,900 gallons

POTABLE WATER
3,900 gallons
Water maker

LUBE OIL
900 gallons

MAIN ENGINES
Three Caterpillar 3406E DITA,
Each rated at 450 HP

AUXILIARY ENGINES
2 Caterpillar 3304 DITA

PROPELLERS
Triple-screw stainless steel

HORSEPOWER
1,350 maximum continuous BHP

REDUCTION GEAR
Reintjes WAF 244 MKK gears,
ratio 2.957:1

TOWING WINCH
Markey TES-22, single-drum

TOWING WIRE
1,250' of 1-1/4" wire rope

AUXILIARY WINCHES
2 Patterson 60- ton
Winches w/ 1-1/8" wire

BOLLARD PULL (calculated)
28,000 lbs. ahead
20,000 lbs. astern

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

CLASSIFICATION
ABS A1 Towing Vessel