

# SIKU - CLASS TUGS



## 1,000 SERIES

Siku-Class tugs were designed for utilization with lighter barges and oil barges in the coastwise and river trades of Western Alaska. Their stern configuration shrouds the propellers in tunnels, enabling these tugs to work at very shallow draft.

Crowley operates one of the largest and most diverse fleets of tugs in the world. The fleet offers a full range of maneuverability and versatility for work inside and outside the harbor. Crowley tugs are regularly used for linehaul tandem towing, ship assist, tanker escort and emergency rescue towing throughout the Western Hemisphere, including Alaska; the U.S. West, Gulf and East coasts; and the Caribbean.

All company tugs are fully instrumented, with pilothouse-controlled engine rooms, and are equipped with the latest in navigational and communications technology.



**CROWLEY MARINE SERVICES, INC.**

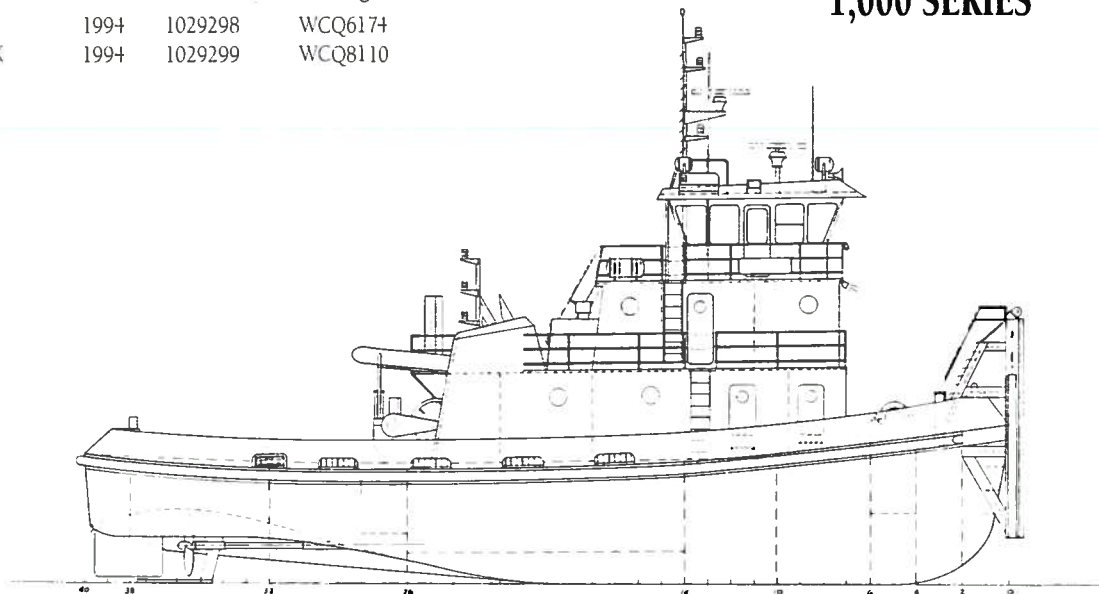
2401 Fourth Avenue, Seattle, WA 98121 USA

Telephone: (206) 443-8100 Facsimile: (206) 443-8072

# SIKU - CLASS TUGS

Tug	Built	Official No.	Call Sign
SIKU	1994	1029298	WCQ6174
SINUK	1994	1029299	WCQ8110

**1,000 SERIES**



## SIKU - CLASS SPECIFICATIONS:

### FLAG

United States

### PORT OF REGISTRY

San Francisco, CA

### BUILDER

McDermott Shipyard  
Morgan City, LA

### OVERALL DIMENSIONS

Length: 85' 9"  
Breadth: 28' 6"  
Depth: 10' 0"

### TONNAGE - Registered

118 tons gross; 80 tons net

### CONSTRUCTION

Steel

### LIGHT DRAFT

5' 6"

### LOADED DRAFT

8' 3"

### FUEL CAPACITY

40,000 gallons

### POTABLE WATER

2,800 gallons

### LUBE OIL

700 gallons

### MAIN ENGINES

2 Caterpillar 3412

### AUXILIARY ENGINES

2 Caterpillar 3304

### PROPELLERS

Twin-screw, 5-bladed  
stainless steel

### HORSEPOWER

1,248 maximum  
continuous BHP

### REDUCTION GEAR

Twin Disk MG 540,  
ratio 6.18:1

### TOWING WINCH

Markey TYS-24, single drum  
with a pendant drum

### TOWING WIRE

1 @ 1,700' of 1 1/2" wire rope  
Pendant: 500' of 1 3/8" wire rope

### EMERGENCY TOW LINE

400' of 6" nylon line  
Line throwing gun

### BOLLARD PULL (calculated)

25,000 lbs. ahead  
18,720 lbs. astern  
(bollard pull will vary  
slightly by vessel)

### NAVIGATION/COMMUNICATION EQUIPMENT

Radar - 2 Furuno FR-8100-D  
Loran - Furuno  
C-Plotter LP 1000  
GPS - Trimble Navtrac XL  
VHF - 2 SEA 156  
SSB - SEA 330  
Satellite communication and  
Sperry gyro compass MK-37



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Crowley's active tug and barge fleet of over 200 vessels includes tugs to 7,200 horsepower; oceangoing deck barges with single, double or triple decks, ranging to 730 feet in length; harbor/river deck barges; house barges; and oil barges to 16,200 L/T deadweight. Crowley also operates 41 container and Ro/Ro ships, including owned and chartered vessels, to serve the Caribbean, Central American, and South American liner trades, as well as tankers in Jones Act tanker trades.