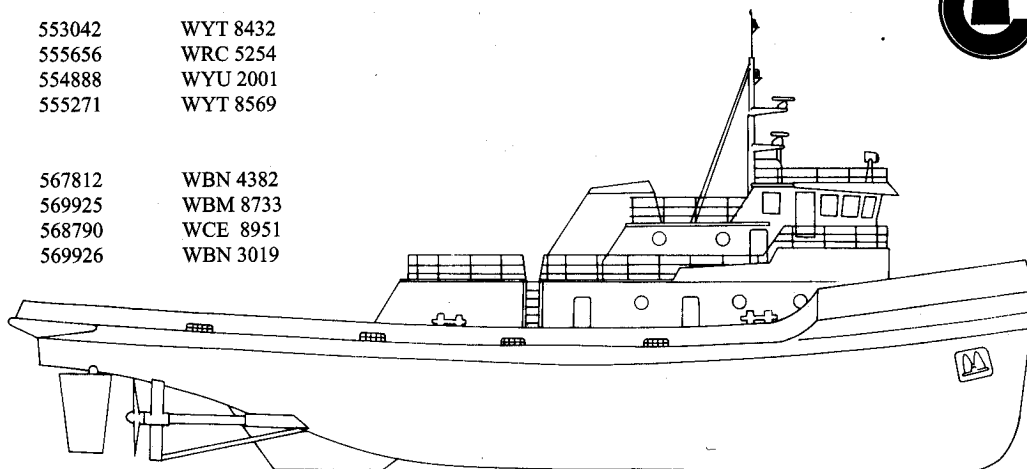


Tug	Built	Official No.	Call Sign
<i>Low bow</i>			
SEA ROBIN	1973	553042	WYT 8432
SEA CLOUD	1974	555656	WRC 5254
SEA KING	1974	554888	WYU 2001
SEA PRINCE	1974	555271	WYT 8569

<i>Raised Bow</i>			
SEA HORSE	1975	567812	WBN 4382
SEA RANGER	1975	569925	WBM 8733
SEA VIKING	1975	568790	WCE 8951
SEA BREEZE	1976	569926	WBN 3019

5,000 SERIES



SEA ROBIN - CLASS SPECIFICATIONS:

FLAG

United States

PORT OF REGISTRY

San Francisco, CA

BUILDER

J. R. McDermott & Co.
Morgan City, LA

OVERALL DIMENSIONS

Length: 126'
Breadth: 34'
Depth: 16' 5"

TONNAGE

198 tons gross
134 tons net

CONSTRUCTION

Steel

LIGHT DRAFT

12' 6"

LOADED DRAFT

17'

LUBE OIL

4,104 Gallons

FUEL CAPACITY

75,000 gallons

POTABLE WATER

11,000 Gallons

MAIN ENGINES

2 CAT 3606-3

AUXILIARY ENGINES

2 Detroit 6-71 generators

PROPULSION

Twin-screw, 4-bladed
stainless steel propellers

HORSEPOWER

5,000 maximum
continuous BHP

REDUCTION GEAR

Lufkin, ratio 3.972:1

TOWING WINCH

Raised bow: Intercon DD-250,
double-drum
Low bow: Intercon DD-225,
double-drum

TOWING WIRE

Raised bow: 1 @ 3,000' of 2 1/4"
wire rope; 1 @ 2,200' of 2 1/4"
wire rope
Low bow: 2 @ 2,200' of 2 1/4"
wire rope

EMERGENCY TOW GEAR

450' x 7.5" Spectra Line (SK-75)
Orville Hook
and appropriate
connecting gear
Line throwing gun

BOLLARD PULL

102,000 lbs. ahead
65,000 lbs. astern
(Bollard pull will vary
slightly by vessel)

NAVIGATION / COMMUNICATIONS EQUIPMENT

Radar - 2 Furuno FR-8100-D / 1510 M-3
Loran - Furuno LC90 MK II
GPS - Northstar 941 XD
Fathometer - Furuno LS6000
VHF - 3 SEA 156
SSB - SEA 330
Sperry gyro compass MK-37
and autopilot

CROWLEY

Pier 17, 1102 SW Massachusetts P.O. Box 2287
Seattle, Washington 98111-2287 USA
Telephone: (206) 332-8000 Facsimile: (206) 332-8300
<http://www.crowley.com>

Crowley's tug and barge fleet of over 200 vessels includes tugs to 10,192 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. The Prince William Sound Class tugs are owned by a Crowley subsidiary - Vessel Management Services, Inc., and operated by Crowley Marine Services.