



TUG "MISS LIS"

Particulars:

Year Built: 1982
By: Marine Power & Equipment, Seattle, WA
Official #: 647237
IMO #: 8424836
Radio Call Sign: WDC8673

Propulsion:

Main Engines: 2 x Mitsubishi S12R-MPTA
Horsepower: 2800 HP
Marine Gears: 2 x Reintjes WAF-562; 4.5:1
Propellers: 2 x stainless steel Bird-Johnson;
Diameter: 62 1/4"; Pitch : 77"
Nauticans set in Kort Nozzles
Rudders: Nautican triple blade system
Tug has shaft brakes

Towing Equipment:

Winch: National single drum holding 2200'
of 1 3/4" (44mm) wire
Towing Hawser: 600' of Samson SSR 1200
Towing Gear: towing shackles, wire bridles,
portable running lights
Pneumatic Norman Pins and Stern Roller
Bow winch for barge handling

Radio, Navigation, etc:

Equipped with modern electronics & alarm
system with remote annunciator panel in
wheelhouse; Nobeltec electronic charting;
Iridium satellite phone and email

Salvage Gear:

Diesel trash pump, 2-man hookah dive set &
gear, portable welder, 300' of 3 1/4" dia or 10"
circ Amsteel Blue Spectra line

Dimensions:

LOA: 80 ft
Breadth: 28.3 ft
Draft loaded: 9 ft
Draft light: 6 1/2 ft
GRT: 147 tons
NRT: 101 tons

Range: 25 days towing / 60 days utility work
Berthing: 4 cabins, 6 berths

Tankage:

Diesel: 40,000 gal or 130 MT
Lube Oil: 870 gal
Hydraulic Oil: 870 gal
Waste Oil: 1,750 gal
Potable water: 5,200 gal

Anchor:

1000 lbs with 5 shots of 1 stud link
chain, able to anchor tug and small tow

Firefighting:

Fixed Halon 1301 system for machinery space
with remote activation, delay and alarm

Tug was purpose-built for coastwise towing
in the Bering Sea of Alaska, and hull is
designed to be able to set on soft sand or
mud.

Complete engine room repower: May 2007

U.S. flag / Jones Act towing vessel