



ATLANTIC FIR SPECIFICATION

Z DRIVE REVERSE TRACTOR TUG

REGISTRATION

- Built: East Isle Shipyard Ltd., PEI, Canada
- Flag: Canadian
- Official Number: 827350
- Port of Registry: Saint John, NB, Canada
- Commissioned: 2005

CLASSIFICATION

- Lloyds + 100A1, LMC UMS, FiFi I with water spray & foam, EP-A, G, N, O, R, S; Home Trade 1

DIMENSIONS

- Length, overall: 30.80 m
- Breadth, moulded: 11.14 m
- Depth, moulded: 5.12 m
- Design draft: 4.78 m
- GRT: 402 t
- NRT: 120 t

PROPULSION

- Engines: 2 x Caterpillar 3516 HD
- Z-Drives: 2 x Aquamaster, US 255
- Generators: 2 x CAT 3306, 165 kW Diesel Generators, 440v - 60cy -165 kW
- Economical Speed: 10 knots
(Maximum Speed: 12-13 knots)
- BHp: 5000 Hp
- Bollard Pull: 68 t

DECK MACHINERY

- Line Winch: Ridderinkhof TW, Single Drum Self Spooling Electric 400 ft of 3-1/4" Spectra, Mid-Drum Brake, 150 T, Warming Head STBD, Tension Meter
- Capstan: Ridderinkhof electric
- Aft Winch: Ridderinkhof Single Drum Self Spooling Electric 2500 ft 2" Wire, mid-drum brake 150 t
- Tow Pins and Stern Roller
- Deck Crane: Palfinger 900 kg

CAPACITIES

- Deck Cargo: 80 t
- Potable Water: 12.7 t
- Fuel: 271 t

ELECTRONICS

- 2 Radars "X" Band
- Magnetic Compass, Gyro Compass & Auto Pilot
- GMDSS area 3, GPS and Electronic Charts
- Loudhailer, Public Address and Talkback



- ISPS
- AIS

FIRE FIGHTING EQUIPMENT

- Monitors: 2 SKUM Remote Controlled
- Capacity: 2400 m3/HR water, 300 m3/HR Foam Capacity
- Hydrants: 4 Port and Starboard
- Pump: 1 Engine Driven 2700 m3/HR, Water curtain 300 m3/HR
- Fire Suits: 4 complete sets, compressor to recharge air packs

SPECIAL FEATURES

- Two independent power trains
- Two independent generating plants with automatic changeover
- Battery power back-up sufficient for six hours
- Man overboard recovery system

Z-DRIVE

- Exceptional maneuverability
- Control over tug positions and direction is highly accurate
- Thrust is almost equal over 360 degree's
- Tugs can rapidly change from "push" to "pull" mode
- Risk of girting eliminated
- High speed with effective thrust on the side of the moving ship

ACCOMMODATION

- 7 total

Specifications are subject to change without notification.