



# SWIBER EXPLORER SWIBER NAVIGATOR 4,000 BHP Anchor Handling Tug

## GENERAL SPECIFICATION

### General Particulars

Year Built	2007
Flag	Singapore
Class	BV
Notation	1 ✕ Hull ✕ Mach Tug, Multi-Purpose AHT Unrestricted Navigation

### Principal Dimensions

Length Overall	45.00m
Length Waterline	43.43m
Breadth Moulded	11.80m
Depth Moulded	4.60m
Maximum Draft	3.80m
GRT/ NRT	618 / 185 tons

### Machinery

Main Engine	2 x 2000 BHP Caterpillar 3516B (1,492kW @ 1,600 rpm)
Propulsion System	2 x Fixed pitch propeller, dia. 2400mm
Generator/Alternators	3 x 215kW Caterpillar 3406C 269kVA @ 1,500rpm, 415V / 3ph / 50Hz
Bow Thruster	1 x 3 tons Thrust Electric Motor
Steering Gear	1 x 5 tons Torque (Indep. Twin screw)
Fixed Pitch Propeller	2 x Propeller, dia. 2,400mm

### Performance & Consumption

Bollard Pull	50 Tons
Maximum Speed	13 knots
Economical Speed	11.5 knots
Fuel Consumption	8.5 Tons/day
Deck Cargo	100 Tons
Deck Strength	5 Tons/m <sup>2</sup>
Clear Deck Area	200 m <sup>2</sup>

### Deck Machinery

Anchor Windlass	1 x 5 tons @ 12m/min Double gypsies Suitable for 28dia. U2 Chain (Electro-Hydraulic)
Anchor	2 x Stockless anchor, 1,020 kg each
Tugger Winch	2 x 5 tons Line Pull @ 15m/min
Anchor Handling Winch	100 Tons Pull @ 6 m/min With 200 Tons Brake Holding
Stern Roller	1 x 150 Tons SWL / dia. 1.45 x 3.5m
Shark Jaws / Tow Pin	1 x 200 Tons Capacity (Electro-Hydraulic c/w wire lifter) Chain size 28 – 75mm

### Tank

Fuel Oil	549 m <sup>3</sup>	1 x 50 m <sup>3</sup> /hr @ 50 m head
Fresh Water	170 m <sup>3</sup>	1 x 50 m <sup>3</sup> /hr @ 50 m head
Lube Oil	1 m <sup>3</sup>	
Foam	20 m <sup>3</sup>	
Dispersant	10 m <sup>3</sup>	
Sewage Treatment Plant	1 set	
Mud Pump		2 x 70 m <sup>3</sup> /hr @ 75 m head

### Capacity

### Discharge Rates

### Accommodation

Berth	2 x 1 man cabin = 2 men 3 x 2 man cabin = 6 men 3 x 4 man cabin = 12 men
Total	<u>20 men</u>

### Radio & Navigation Equipment

GMDSS Console	1 x (A1 + A2 + A3)
Survival Radio	1 no. running on Lithium Battery
Immarsat C	1 x Display unite, antenna, 30 m cable
Echo Sounder	1 no.
Gyro Compass	Autopilot /Gyrocompass, Gyro container
Magnetic Compass	1 x MR150R Reflector type search light c/w under deck control

### Fire Fighting / Extinguishing System

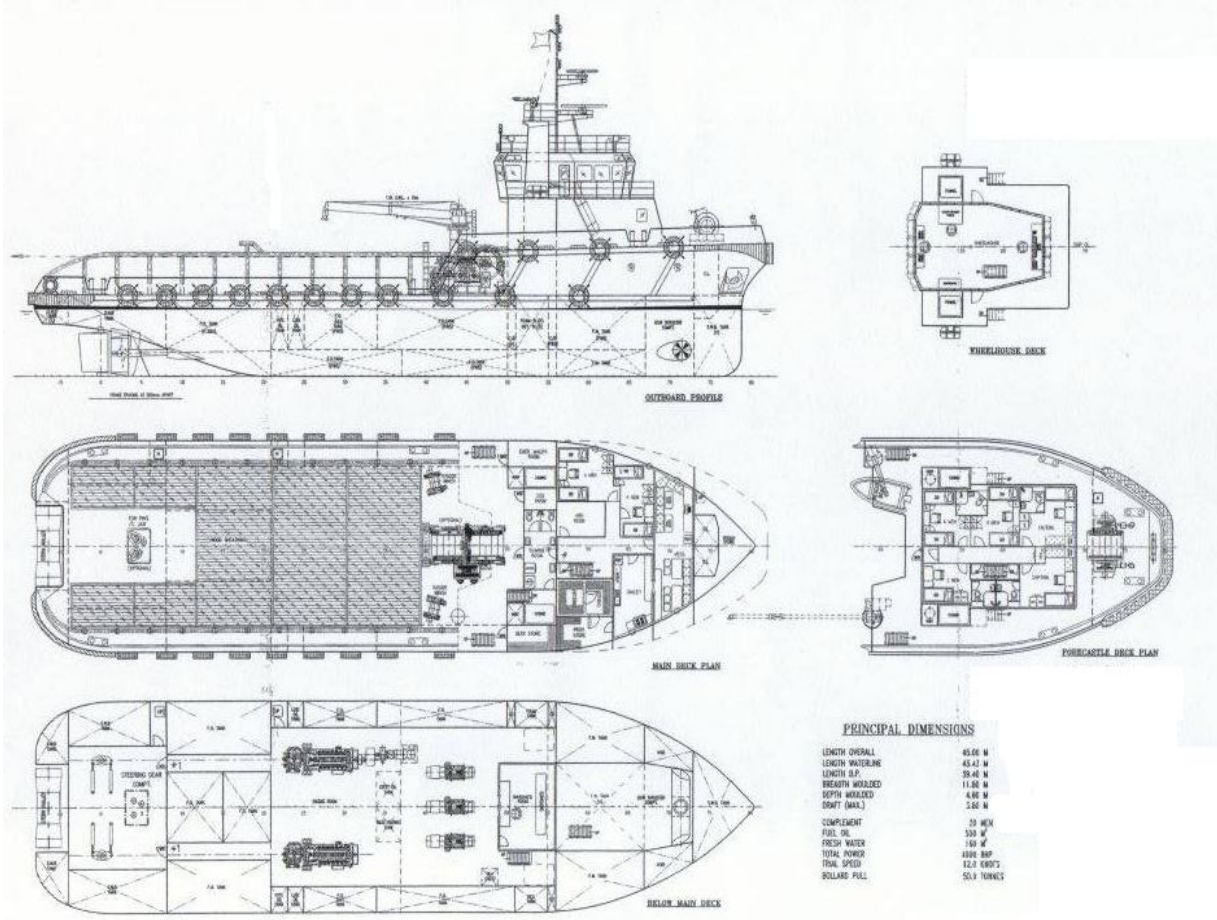
#### External:-

Fire Pump	1 x 1300m <sup>3</sup> /hr @ 12 bar (Allied Centrifugal Pump)
Fire Monitor	2 x Fire Monitor with a discharge rate of 600m <sup>3</sup> /hr (inlet pressure 11 bar)

### Life Saving / Rescue Equipment

SOLAS Compliant

Above information presented are correct but not guaranteed



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