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# Anchor Handling Tug Supply Vessel - Built 2011

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## PRODUCT DESCRIPTION

Year Built: 2011

Length Overall 52.00 m

Length BP 48.80 m

Breadth Moulded 15.00 m

Depth Moulded 6.50 m

Draft (Max) 5.70 m

Freeboard (SLL) 0.81 m

Class BV

Notation I x Hull x Mach, Tug; Fire Fighting

Ship 1 – Water Spraying; Special Services - Anchor Handling,

Unrestricted navigation

GRT/NRT 1496.00 T / 449.00 T

Deadweight 1030.00 T

Bollard Pull 106.20 T

## DECK PARTICULARS

Main Deck Area 240.00 m<sup>2</sup>

Deck Carrying Load 1025.80 T

Deck Strength 5.00 T/m<sup>2</sup>

## PERFORMANCE

Maximum Speed 13 Knots @ 28 MT /24 hrs

## PROPULSION SYSTEM

Main Engines 2 x General Electric 16V228, 4100

BHP, 3057 kW @ 1050 RPM, Total 8200 BHP

Auxiliary Engines 3 x Cummins KTA19, 380 kW @ 1500 RPM

Emergency Generator 1 x Stamford HC.M434D2, 175kW





@ 1500 RPM

Bow Thruster 1 x Kamome CPP Electric Driven, 66.70 kN

Stern Thruster 1 x Kamome CPP Electric Driven, 49kN

Propellers 2 x Kamome CPP in Fixed Nozzles

Steering Gear System 2 x Electro-Hydraulic Rudder 2 x

Heel Pintle

#### TANK CAPACITIES

Fuel Oil 961.00 m<sup>3</sup>

Fresh Water 261.00 m<sup>3</sup>

Drill Water 122.00 m<sup>3</sup>

Bilge 5.50 m<sup>3</sup>

Ballast Water 128.40 m<sup>3</sup>

#### CARGO DISCHARGE CAPACITIES

Fuel Oil Pump 100 m<sup>3</sup>/hr

Fresh Water Pump 100 m<sup>3</sup>/hr

Drill Water Pump 100 m<sup>3</sup>/hr

Bilge Pump 70 m<sup>3</sup>/hr

#### DECK EQUIPMENT

Anchors & Chain 2 x Stockless Anchor 1920 kg, 220 m x

34 mm U2 Stud Link Chains

Tugger Winch 2 x Electro-Hydraulic 10 T @ 5 m/min

Capstan 2 x Electro-Hydraulic 10 T @ 5 m/min

Anchor Windlass c/w Bow

Macgregor Plimsoll, ElectroHydraulic w/ Double Gypsies,

Single Mooring Drum, Double Warping Ends of 400 mm

dia Crane SWL 5 T @ 15 m Radius (max SWL)

#### ACCOMMODATION

Berths 6 x 1, 10 x 2 Berths

Total Pax 26

#### LIFE-SAVING EQUIPMENT

Life Rafts 2 x 10, 2 x 20 Men, SOLAS

Compliant Rescue Boat c/w Davits

1 x 6 Men, 20 HP of Outboard Eng, 20 L Fuel, SOLAS

Compliant

#### EXTERNAL FIRE-FIGHTING EQUIPMENT

Fi-Fi Notation





Fully Compliant with BV

Requirements

Fi-Fi Monitors

2 x Fi-Fi Monitor, 1650 m<sup>3</sup>/hr, 140 m

Throw Length

Fi-Fi Pump

2 x Fi-Fi Pumps, 1650 m<sup>3</sup>/hr

#### ANCHOR HANDLING & TOWING EQUIPMENT

Anchor Handling/Towing Winch

Electro-Hydraulic Double Drum

Waterfall Type

AH/Towing Drum Cap 1000 m L x 72 mm Dia SWP

Spare Reel Drum Cap 10 T x 20 m/min (1st Layer)

Line Pull @ First Layer 250 T @ 6 m/min

Brake Holding 400 T @ 1st Layer

Towing Pin 1 x SWL 300 T

Shark Jaw 1 x SWL 350 T

Stern Roller SWL 400 T, 1500 mm Dia x 6000

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