


MT SENGLEA

Reverse Stern Drive Tug 2513 built by Damen Shipyards, Song Cam, Haiphong

BUILT: 2020
IMO NO: 9892195
FLAG: Maltese

CLASSIFICATION:

I  HULL • Mach Fire-Fighting 1 - Water Spray - Escort Tug – Unrestricted Navigation - In-Water Survey - AUT UMS – COMF-NOISE 3 – COMF-VIB 3.

DIMENSIONS:

Length O.A 24.73 m
Beam overall 13.13 m
Depth at sides 4.95 m
Draught aft 6.20 m
Displacement 570 T

SPEED

Max. Speed 13.4 kts

PERFORMANCE:

Bollard Pull 76.2 T

TANK ARRANGEMENTS AND CAPACITIES:

Fuel Oil 77.5 m³
Fresh Water 10.2 m³
Sewage 6.0 m³
Lub oil 2.5 m³
Dirty Oil 2.5 m³
Bilge Water 6.0 m³
Foam 12.2 m³
Dispersant 3.3 m³

PROPULSION SYSTEM:

Main Engines 2 x Caterpillar 3516C TA HD/D – Total power 5050 bkW (6772 bhp) at 1800 rpm
Thrusters Rolls Royce US 255 P30 FP – Propeller diameter 3000mm.

GENERATORS SETS:

Auxiliary Engines 2 x Caterpillar C4.4 TA
Generators 2 x Leroy Somer LSAM 44.3 M6, Capacity – 86.3 kVA, Voltage – 400 V, Frequency – 50Hz.

TOWING WINCH:

Double Drum 1 x hydraulically driven double drum towing winch, low speed pull - 27 tons up to 30.
Towing Winch m/min, high speed pull - 27 tons up to 49 m/min, brake holding capacity - 200 tons. Rendering-Recovery winch pull/low speed - 30 tons up to 27 m/min on 2nd layer, pull/high speed - 30 tons up to 44 m/min on 2nd layer, rendering 112 tons up to 82 m/min on 2nd layer, brake holding capacity 200 tons.

AUXILIARY EQUIPMENT:

General service pumps: 2 x Azcue pump type CA 50/3A, capacity - 20 m³/h at 2.35 bar.
Bilge water pump: 1 x Azcue pump type CA 32/05, capacity - 3.6 m³/h at 1.1 bar.
Fuel pump: 1 x Azcue pump type BR-41-10, capacity 12m³/h at 1bar.
Fuel filtration system: 2 x CJC fuel filtration unit type PTU3 2x27/81GP-E2PTW.
Machinery cooling: Combination keel cooling and box cooling system.

System:
Fresh water pressure 1 x Azcue pump type MO-31/10.
Sewage treatment plant: 1 x Tecnicomar type Ecomar 20.
FiFi 1 equipment: 2 x main engine driven pumps each 1200 m³/h capacity, total capacity 2400 m³/h with water spray. 2 x Fifi water/foam monitors each 1200 m³/h capacity.

ACCOMMODATION:

Accommodation provided for 6 persons, completely insulated and finished with durable modern linings, sound absorbing ceiling in the wheelhouse and floating floors. Air-conditioned wheelhouse, accommodation and switchboard room. Accommodation above main deck with a captain's cabin, chief engineer's cabin, two double crew cabins, pantry, mess/dayroom and sanitary facilities. The superstructure is mounted resiliently to reduce noise levels.

NAUTICAL AND COMMUNICATION EQUIPMENT:

Searchlights: 2 x Norselight searchlights 2000 W
Radar system: 1 x Furuno type FAR-1518
Compass: 1 x Cassens & Plath
Autopilot: 1 x Simrad type AP-70
Satellite compass: 1 x Simrad type GN70
GPS: 1 x Simrad type HS80A
Echosounder: 1 x Furuno type FCV-628
Speed log: 1 x Furuno type DS-80
VHFs: 2x Sailor Compact 6222
Hand-held GMDSS 2 x Jotron type TR-20

VHF sets:
Navtex receiver: 1 x Furuno type NX-700
AIS: 1 x Furuno type FA-170
EPIRB: 1 x Jotron type Tron-60S
Sart: 1 x Jotron type Tronsart 20

Remote monitoring System: Ready for Damen Triton

Anemometer: Gill Instruments type GMX 500