



A/H Tug Supply "SEA PATRON"

Port Of Registry: Valletta
Flag: Malta
Built: Singapore - 1983
Register Number: 8214097
IMO Number: 8214097
Call Sign: 9HA2402
MMSI Number: 248537000
Home Port: Valletta Port, Malta.
Classification: ABS Ocean-going + A1 (E)*AMS

OPERATORS: PATRON GROUP LTD.
PHONE: +356 9986 2706
EMAIL: info@patrongrp.com

PRINCIPAL DIMENSIONS

LENGTH O.A.: 42 m
 LENGTH B.P.P.: 36 m
 BEAM O.A.: 11.60 m
 BEAM MOULDED: 11.40 m
 DEPTH: 5 m
 DRAUGHT: 4.15 m
 MAX DRAUGHT: 4.59 m
 AIR DRAUGHT: 21 m (varies)
 DEADWEIGHT: 435 tons
 GROSS TONNAGE: 622 tons
 NET TONNAGE: 186 tons
 SUEZ CANAL GRT: 711.93 tons

CARGO CAPACITIES

DISPLACEMENT: 1100 tons (At 4.25 m)
 DECK CARGO: 150 tons
 CLEAR DECK SPACE: 150 m²
 DECK STRENGTH: 5 tons/m²
 TPC: 3.95
 TPI: 10.06
 FUEL OIL: 260 tons (Max: 275 tons)
 BALLAST WATER: 110 m³
 POTABLE WATER: 80 m³
 FOAM: 6.54 m³
 DETERGENTS: 6.54 m³

MACHINERY/PROPULSION

MAIN ENGINES: 2 x medium speed Stork Werkspoor 8 FHD-240
TOTAL BHP: 3120 hp
PROPELLERS: 2 x controllable pitch propellers in fixed nozzles;
 3 blades.
BOLLARD PULL: 40 tons towing condition – full engine load.
 Estimated 135 tons salvage condition (using bow
 anchoring.)
BOW THRUSTER: Electric driven AC, 300 hp. Thrust: 3.6 tons.
GENERATORS: 1 x 225 kW diesel generator for ship's power/bow
 thruster (440 V AC, 60 cycles).
 2 x 175 kW (440 V AC, 60 cycles).
 1 x 85 kW emergency/harbor diesel generator
 (440 V AC, 60 cycles).
SPEED: Max. Speed: 11.5 knots at 10 tons/day
 Service Speed: 10 knots at 8.5 tons/day
RUDDERS: 2 rudders

DECK MACHINERY

WINDLASS: Electric driven, 65hp
CAPSTANS: 2 x hydraulic driven, 30 hp. Max Pull: 5 tons
 each. One capstan is bridge controlled.
TOWING/A.H. WINCH: Electric driven, double drum waterfall,
 65 Kw (S/B).

Towing Drum

Capacity: 1000m of 48 mm diameter wire.
Pull on second layer: 30 tons at 10 m/minute; 60 tons at stall
Brake capacity: 125 tons

A.H. Drum

Pull on second layer: 50 tons at 5 m/minute; 100 tons at stall
Brake capacity: 125 tons

Drum Capacity

Main Section: 1000 m of 44 mm diameter wire
Aux. Section: 1100 m of 28 mm diameter wire

TAILGATE: 6.4 m wide
STERN ROLLER: Length: 3 m. Diameter: 1.5 m with recess of
 30 cm in centre.
CRANE: Reach: 12 m. Load: 2 tons.
 Reach: 6 m. Load: 4 tons.
ANCHORS/CHAINS: 2 recessed bow anchors of 1200 kg each,
 with 420 m of 32 mm stud link chain.

COMMUNICATION EQUIPMENT

DSC WATCH KEEPING: Sailor RM2150
VHF: 2 x Sailor RT2048
WALKIE TALKIE: 3 x Motorola GP
GMDSS PORTABLE RADIO: Narigo Axis 30
DSC TOR: Sailor RM2151
IMMARSAT: Sailor H2095B
PA SYSTEM: Unipex GE - 30
RADIO TRANSMITTER: Sailor T2130
RADIO RECEIVER: Sailor RE2100

ACCOMMODATION

CREW: 4 single cabins; 3 x 2-person cabins
PASSENGERS: 1 x 4-person cabin; 1 x 8-person cabin
AIR CONDITIONING: Accommodation is fully air conditioned and heated.
LAUNDRY: Laundry facilities available for full complement.



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NAVIGATION EQUIPMENT

GYRO COMPASS: Arma Brown – Mark 10
MAGNETIC COMPASS: Observer MK 2, Pilot Electric
AUTO-PILOT: ComNav Marine 2001 Auto Pilot
RADAR: 1 x Furuno FR 1510D; 1 x Furuno FR 1011N
ECHO SOUNDER: Elac – Honeywell – LAZ 50 AW, 2 sets LAZ 13
GPS: Shipmate – RS 5700
NAVTEX RECEIVER: Shipmate spatie RS 6100

LIFESAVING EQUIPMENT

M.O.B.: Capacity of 5 persons. Outboard: 2 x 15 hp fitted with propeller guards.
LIFE RAFTS: 2 x Viking inflatable life rafts. Capacity: 25 persons each.
LIFE BELTS: 41 life belts for crew and passengers
LIFE BUOYS: 8 life buoys

REFRIGERATED STORAGE CAPACITY

COLD STORE: 6 m³ at -20°C
COOLED STORE: 7 m³ at +4°C
POWER SUPPLY: Deck sockets for power supply to refrigerated food containers are available. (2 x 440 V, 60 Hz, 63 A, 3P; 2 x 380 V, 50 Hz, 63 A, 3P; 2 x 220 V, 50 Hz, 63 A, 3P.)

CARGO PUMPS / DISCHARGE RATES

FUEL PUMP: 60 m³/hr at 75 m head
POTABLE WATER PUMP: 50 m³/hr at 50 m head



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