



Dixon Marine Consulting Ltd

Marine Consultants & Specialist Brokers

VSO-400



GENERAL INFORMATION

Built : Damen Shipyard, Holland
Year of Building : 1982 (as MV Attyah)
Port of Registry : Doha - Qatar
Flag : The State of Qatar
Call Sign : A7D 4010
IMO No : 8128547
Class Society : Det Norske Veritas - Class X1A1

PRINCIPAL DIMENSIONS

Length Overall 55.34 Meters
Length 52.80 Meters
Breadth 11.75 Meters
Depth 4.00 Meters

TONNAGE

Gross Tonnage 764 Tonnes
Net Tonnage 601 Tonnes
Light Displacement 675 Tonnes
Loaded displacement 1201 Tonnes
Light Draft 1.72 Tonnes
Load(summer) Draft 2.76 Tonnes
Dead Weight (summer) 526 Tonnes

CAPACITIES

Fuel 204 m3
Potable Water 378 m3
Ballast Water 179 m3
Walk in Freezer 3 m3
Walk in Chiller 3 m3

DECK EQUIPMENT

Deck Loading 3 Tonnes/m2
Deck Area 290 m2(wood sheathed)
Deck Capacity 265 Tonnes

ACCOMMODATION

Single Cabin 6 6
Double Cabin 5 10
Four Berth cabins 6 24
Total 46 Beds



GALLERY / MESSING

Single Galley incorporating separate Freezer and Chiller Units serving 2 Mess Rooms

CLIENTS OFFICE

Incorporating desks, office chairs, shelves and filing cabinets, computer workstation, printer and copier as required by Charterer. Multi Channel VHF Radio installed

MAIN ENGINES

2 Nos. Detroit Diesels Type GM 16V-149 Diesel Engines each rated at 940 BHP @ 1800 RPM. Total = 1880 BHP Consumption 288 Ltrs.per hr.@1800 RPM Max. Speed = 11 Knots

AUXILIARIES/GENERATORS

Main Generators: 2 x General Motors Type 8V-71T Diesel Engines each rated at 288 HP and driving one New Age Type MSC434 3E Generator rated at 242 KW each @ 380V 50 Hz.
1 x General Motors Type SV-71 NA Diesel Engine rated at 288 HP driving one New Age Generator rated at 189 KW

WHEEL HOUSE

360 Degrees unrestricted view
Controls: Ford & Aft manoeuvring controls
Searchlights: Ford & Aft Type Francis M-19

PROPELLERS & SHAFTS

Two shafts with twin fixed pitch propellers

ADDITIONAL EQUIPMENT

Workboat Dory: Length 21 ft.
Engine: Volvo Penta driving Volvo Duoprop propeller
Speed: 10 Knots

RUDDERS

Twin balanced spade Rudders

DECK CRANE

1 x P&H Model T-800XL
Capacity: 90 m/tonnes @ 8 mtr.
Radius & 42.50 boom angle
Max. Boom Length: 40 Mtrs. Utilising four hydraulic extending sections

1 x Bailey Crane 10 mtonnes @ 5.8 mtr. Radius
Max. Boom Length 13.7 mtrs.

CARGO EQUIPMENT

Fuel Oil Transfer Pump: SON 331 WW 10 rated at 6.6 m3 per hour
Pot Water Cargo Pump: Desmi SA 80-220/17 rated at 50 m3 per hour
General Service Pump: Desmi SA 80-220/17 A9H rated at 60 m3 per hour
Fire Pump (ring-main): Desmi SA 80-220/17 OR rated at 40 m3 per hour
Fuel Oil Cargo Pump: Desmi S 80-220/17 rated at 50 m3 per hour
Lube Oil Pump: KFI 124 DKF 2.12 m3 per hour



NAVIGATION EQUIPMENT	SAFETY EQUIPMENT
<p>Radar: 1 x Decca Bridge Master + 1 Koden MDL 1140 Gyro Compass: Sperry Autopilot: Sperry Autopilot 8T Magnetic: Observer Echo Sounder: Atlas Deso-20 GPS: Koden KGP-97 VHF GMDSS: Shipmate RS-8400 DSC VHF: 2 x Sailor RT-144 SSB/GMDSS: JRC NCT 620 MF/HF- Terminal + NTD 825 Receiver Inmarsat: Nera Inmarsat Mobile Earth Station with Panasonic Telephone and Facsimile</p>	<p>Life Rafts: Per SOLAS Regulations Life Jackets: Per SOLAS Regulations H2S Gas Detection: Portable Fire Detection: Smoke Detectors</p>
BOW THRUSTER	POLLUTION CONTROL
<p>1 No. General Motors Type 8V-71 Diesel Engine rated at 288 HP driving one Schottel Type 5300 Thruster unit producing 3 tonnes of thrust</p>	<p>Oily Water Separator: Victor MS Series DNV approved and in compliance with IOPP Regulations Sewage Treatment(s): Triton-Format Type MSTP3</p>
Entertainment System/Internal Phone System	FIRE MONITORS (FI-FI)
<p>TV: Local System PA System: Fitted</p>	<p>One pump with one monitor rated at 750 m3 per hour</p>