



### MAIN PARTICULARS

Class Notation	: BV I +HULL +MACH, Oil tanker, ESP, CPS (WBT), Unrestricted navigation, INWATERSURVEY
Flag	: Panama
Length Overall	: 99.90 m
Length Between Perpendiculars	: 95.62 m
Breadth Moulded	: 20.00 m
Depth Moulded	: 6.80 m
Design Summer Draft	: 5.00 m
Deadweight	: ≈ 5,500 tonnes
Service Speed	: ≈ 12 knots @ 80% MCR
Endurance	: 30 days
Complement	: 22 P

### EQUIPMENT

Cargo Pump	: 4 sets 500 m <sup>3</sup> /hr x 110mLc - Electric, Centrifugal, Two speeds
Boiler	: 1 x 10,000 kg/hr x 7 bar
Tank Cleaning	: Sea water washing (Fixed + Potable)
Hose Handling Crane	: 1 set 10 tonnes x 17 m
Lifeboat	: 2 sets 24 persons
Windlass	: 2 sets 20 tonnes, 9 m/min gypsy
IGS	: 1 set 2500 m <sup>3</sup> /hr

### MACHINERY

<u>Main Engine</u>	
Main Engine	: 2 sets of Medium Speed type of 1,370 kW suitable for MFO (#180)
Propeller	: 2 sets of 4-bladed Fixed Pitch Propeller
Bow Thruster	: 1 set of 6T Tunnel Thruster driven by Frequency Converter

#### Main Generator Set

No. of Set & Power	: 3 sets of 400 kW & 1 set of 150 kW (for standby during 2 cargo pumps running)
Electric Source	: A.C three phases, 440 V, 60 Hz

#### Emergency Generator

Capacity	: 1 x ≈ 80 kW x 1800 rpm, Air-cooled type
Electric Source	: A.C. three phases, 440 V, 60 Hz

### CAPACITY

Cargo Oil Tanks	: ≈ 5,300 m <sup>3</sup> (Cargo Oil flash point below 60°C)
Slop Tanks	: ≈ 160 m <sup>3</sup>
MFO Tank	: ≈ 300 m <sup>3</sup>
Marine Diesel Oil Tank	: ≈ 80 m <sup>3</sup>
Fresh Water Tank	: ≈ 200 m <sup>3</sup>
Water Ballast Tanks	: ≈ 2,900 m <sup>3</sup>

### GENERAL ARRANGEMENT

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