



MAIN PARTICULARS

Class Notation	: BV I +HULL +MACH, Chemical tanker, ESP, Unrestricted navigation, CPS (WBT), 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	: 2 sets 500 m ³ /hr @ 10 kg/cm ² (SG 1.0) - Electric, Screw Type, Two speeds
Stripping Pump	: 2 sets 150 m ³ /hr @ 10 kg/cm ² (SG 1.0) - Electric, Screw Type, Two speeds
Tank Cleaning	: Sea water, Fixed type
Gas Freeing Equipment	: 2 sets water driven fans 1 set fixed gas free fan for pump room
Flowboom Crane	: 1 set 2 tonnes x 15 m
Lifeboat	: 2 sets 25 persons

MACHINERY

Main Engine

Main Engine	: 1 set of Medium Speed type of 2,560 kW suitable for MFO (#180)
Propeller	: 1 set of 4-bladed Fixed Pitch Propeller
Bow Thruster (Optional)	: 1 set of 6T Tunnel Thruster driven by Frequency Converter

Main Generator Set

No. of Set & Power	: 3 sets of 400 kW (with 1 set for standby during 2 cargo pumps running)
Electric Source	: A.C three phases, 415 V, 50 Hz

Emergency Generator

Capacity	: 1 x ≈ 80 kW x 1800 rpm, Air-cooled type
Electric Source	: A.C. three phases, 415 V, 50 Hz

CAPACITY

Cargo Chemical Tanks	: ≈ 5,150 m ³ (IBC Type 2 Chemical Cargo of up to SG 1.0 and flash point below 60°C)
Slop Tanks	: ≈ 180 m ³
MFO Tank	: ≈ 300 m ³
Marine Diesel Oil Tank	: ≈ 80 m ³
Fresh Water Tank	: ≈ 200 m ³
Water Ballast Tanks	: ≈ 2,650 m ³

GENERAL ARRANGEMENT

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