

LEGEND AQUARIUS

45 Meter Deck Cargo Boat

All Particulars are believed to be correct at the time of printing but not guaranteed. Owner reserve the right to amend the specification without notification. Particulars given are entirely without warranty on accuracy. Interested parties are welcome to inspection the vessel, its certificates and or drawings to determine the accurate information provided.



PRINCIPAL PARTICULARS

Type	: LCT Cargo Ship
Port of Registry	: Singapore
Call Sign	: 9V3911
Official Number	: 400555
Length Overall	: 45.50M
Length B.P	: 41.36M
Breadth Moulded	: 11.00M
Depth Moulded	: 3.05M
Design Draft	: 2.44 M
Year Built	: 2013
Class	: RINA
Flag	: Singapore
GRT	: 482 T
NRT	: 144 T
DWT	: 388.73 T

CARGO CAPACITY

Clear Deck Space	: 275m ²
Cargo Service	: General
Deck Cargo/Strength	: 7.5 MT / M ²
Fuel Oil	: 250 MT
Fresh Water	: 250 MT
Freezer	: 1 Unit
Chiller	: 1 Unit

PERFORMANCE

Cruising Speed	: 11 ~ 12 Knots
Endurance	Fuel : 14 Days Freshwater : 23 Days

MACHINE & AUXILLARY MACHINERY

Main Engines	: 2 x 500 BHP Cummins KTA 19M
Fuel Consumption	: 155 Ltr/Hr@100% 131 Ltr/Hr@85%
Gearbox	: Advance Marine Gearbox T300/Ratio/ 5:1
Generators	: 2 x 62.5 kW, Ynchai Marine Diesel
Standby Genset	: 1 x 450 kW, Cummins KTA 19
Propulsion	: Twin Propeller Fixed
Rudder	: 2 at rear

FIRE-FIGHTING EQUIPMENT ANTI-POLLUTION EQUIPMENT

CO System in engine room	
Smoke detection and alarm system	
Fire Fighting Equipment	: Fully compliant with SOLAS

ANCHORING SYSTEM

Anchor	: 2 x 450 kg Stockless Bower Anchors
Chain	: 2 x 247 M (09 shackles) 19mm Dia
Capacity	: Min 2 MT @ 10M/Min

ACCOMODATION (All Cabins are Fully Air-Condition)

Berths	: 4 x 1 Berth Cabins = 4 : 2 x 2 Berth Cabins = 4 : 1 x 4 Berth Cabins = 4 Total 12 men
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NAVIGATION/COMMUNICATION EQUIPMENT

Radar	: 1 unit FURUNO FAR-1715, 48NM
SSB Radio	: 1 unit ICOM IC-M710 SS, MF/HF
GPS	: 1 unit FURUNO GP 1670GPS Navigator
SART	: 2 units SAMYUNG SW-Do2 SART
EPIRB	: 1 unit KANNAD MARINE AUTO EPIRB
VHF Radio	: 1 unit STAND HORIZON GX-1100o
Echo Sounder	: 1 unit FURUNO FCV-688
AIS	: 1 SAMYUNG Class A SI-30
Navtex Receiver	: 1 unit SAMYUNG SNX-300
Magnetic Compass	: 1 unit Ruan Shunfeng Nav Inst Cpt-130 B
Walkie Talkie	: 2 units SAMYUNG Enc Stc-160
Speedlog	: 1 unit FURUNO DS-80 Doppler
Search Light	: 1 unit 1000w
Cargo Deck Spotlight	: 6 units 2 fwd and 4 bridge
CCTV	: 8 units

LIFE EQUIPMENT

Lifecrafts	: 2 x 10 Persons, SOLAS compliant
Lifebuoy	: 8 Pcs
Life Jacket	: 14 Pcs
Alids Lamp	: 1 unit

PUMPS CAPACITY

Fuel Oil Pump	: 1 unit Model Y2 100L1-4@1420 r/min
Cargo Fresh Water	: 1 unit Model 1AZWZW 250@2850 r/min
Bilge and ballast	: 1 unit Model EU50 / 16 MBC@2900 r/min
G.S and Fire Pump	: 1 unit Model EU50 / 16 MBC@2900 r/min
Emergency Portable Fire Pump	: 1 unit Diesel 3000-3600 r/min
Dirty Oil and Sludge Pump	: 1 unit Maker Anung@1400 r/min