

# LEGEND ALPHA

## 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	: 9V6120
Official Number	: 401593
Length Overall	: 45.50M
Length B.P	: 41.91M
Breadth Moulded	: 11.58M
Depth Moulded	: 3.05M
Design Draft	: 2.44 M
Year Built	: 2019
Class	: NKK
Flag	: Singapore
GRT	: 484T
NRT	: 146T
DWT	: 635.151T

### CARGO CAPACITY

Clear Deck Space	: 275m <sup>2</sup>
Cargo Service	: General
Deck Cargo/Strength	: 7.5 MT / M <sup>2</sup>
Fuel Oil	: 55 MT
Fresh Water	: 55 MT
Freezer	: 1 Unit
Chiller	: 1 Unit

### PERFORMANCE

Cruising Speed	: 11 ~ 12 Knots
Endurance	Fuel : 27 Days Freshwater : 25 Days

### MACHINE & AUXILLARY MACHINERY

Main Engines	: 2 x 378 kW Mitsubishi S6B3-T2MPTK2Z
Gearbox	: Marine Gearbox DMT 260HL (Ratio 5,04)
Generators	: 2 x 80 kW, DCEC 6BT5.9-G1
Standby Genset	: 1 x 50kW DCEC 4BTA3.9
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 900 kg anchor
Chain	: 13 shackles x 27.5m x 26mm dia anchor chain
Anchor Chain	: 2 x single drum electro-hydraulic anchor & ramp

### ACCOMODATION

#### (All Cabins are Fully Air-Condition)

Berths	: 4 x 1 Berth Cabins = 4
	: 4 x 2 Berth Cabins = 8
	Total 12 men

### NAVIGATION/COMMUNICATION EQUIPMENT

Radar	: 1 unit FURUNO 1715 24NM RADAR
SSB Radio	: 1 unit SAMYUNG SRG-3150DN (IMO)
GPS	: 1 unit FURUNO GP-39 GPS Navigator
SART	: 2 units MCMURDO S4 SART
EPIRB	: 1 unit MCMURDO E-5
VHF Radio	: 1 unit SAMYUNG STR-6000A (IMO)
Echo Sounder	: 1 unit FURUNO FCV-688
AIS	: 1 NSR NSI-1000 Class A
Navtex Receiver	: 1 unit SAMYUNG SNX-300 (GMDSS)
Magnetic Compass	: 1 unit Ruan Shunfeng Nav Inst Cpt-130 B
Walkie Talkie	: 2 units SAMYUNG STV-160
Speedlog	: 1 unit FURUNO DS-80 Doppler
BNWAS	: 1 unit DEEK MODEL BNW-868
Inmarsat-C	: 1 unit FURUNO FELCOM-18
Satellite Compass	: 1 unit FURUNO SC-70
SART	: 2 units MCMURDO S4 GMDSS
EPIRB	: 1 Unit MCMURDO E-5

### LIFE EQUIPMENT

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