



Specifications

Length: 54.46m

Breadth: 18.00m

Depth: 4.50m

**Max
Designed
Draft:** 3.00m

GRT/NRT: 1,369/ 414

Deadweight: 1,552.15MT

**Deck Cargo
Space:** 480m²

General Specifications

GENERAL

Port of Registry/Flag Darwin / Australia

Class ABS
Notation +A1, +AMS
Built 2010 / Nanjing Yonghua Shipbuilding Co., Ltd. China

STORAGE CAPACITY

Ship's Fuel Oil 73m3
Cargo Fuel Oil 700m3
Ship's Freshwater 156m3
Cargo Freshwater 915m3
Seawater Ballast 220m3

PERFORMANCES

Speed @ design draft 10 knots
Fuel Consumption 8,400 Ltrs /24H @ 100% MCR, 12 Knots
 5000 Ltrs / 24H @ 60% MCR
 650Ltrs / 24H, Stand by

ACCOMMODATION

20 x 1 man berth 20 men
Total 20 men

LIFE SAVING EQUIPMENT

Davit & Rescue Boat 13.5kn @ 4m SOLAS Approved davit system, 4m x 1.86m x 0.85m rescue boat capacity for 8 persons
Other LSA Equipment To be in accordance with SOLAS and authority requirement

MACHINERY:

Main Engines Two (2) nos, Cummins KTA 19-M3, heavy-duty high-speed marine diesel engine 2 x 477 KW(640HP), 1800 RPM

Gear box Twin Disc MG-5170DC, Ratio 5.03:1

Propeller Two (2) nos, Four blades, Fixed pitch, manganese bronze, 1.52m dia.

Main Generators Three (3) nos, Cummins 6BTA5.9-GM100 with Stamford UCM274D13 Alternator, rating 80kW, voltage: 415/3/50, 0.8.P.F.

Steering Gear One (1) set, electro-hydraulic, independent type, rating 0.8t-m torque, electric motor driven

Fire / G.S/ Bilge & Ballast Pumps One (1) no Horizontal, centrifugal, self-priming c/w bronze chasing, rating 40m3/h at 35m head, electric driven.

Freshwater / Seawater Pressure Sets Four (4) nos Horizontal, centrifugal, self-priming, rating 3.0m3/h at 28m head, electrical driven, c/w 100 liter tanks

Sewage Transfer Pump One (1) no Horizontal, centrifugal, self-priming c/w bronze chasing, rating 5m3/h at 20m head, electrical driven.

Fuel Oil Transfer Pump One (1) no Horizontal gear displacement, rating 3.3m3/h at 0.33Mpa, electrical driven.

Cargo Fuel Pump One (1) no Horizontal gear displacement, rating 40m3/h at 0.28Mpa, electrical driven. Plus One(1) Capacity 60m3/h at 0.28Mpa gear pump

*** This vessel specification is given in good faith & assumed to be correct. Details given are without guarantee.*

*** Owners reserved the right to amend the specifications without notification.*

General Specifications

Cargo Freshwater Pump One (1) no Horizontal, centrifugal, self-priming, rating 40m³/h at 25m head, electrical driven. Plus One(1) Capacity 60m³/h at 35m gear pump

Emergency Fire Pump One(1) nos, rating 30m³/h at 35m head, diesel engine driven, hand started

Air Con Sea Water Cooling Pump Four (4) nos Horizontal, centrifugal, rating 25m³/h at 25m head, electrical driven

Dirty Oil Transfer Pump One (1) no Horizontal screw displacement, rating 3m³/h at 0.4MPa, electric driven.

Oily Water Separator One (1), 2-stage, 15 ppm with rating 1.0m³/h

Sewage Treatment Plant One (1) no, Biological process type for 20 persons/day

NAVIGATION & COMMUNICATION EQUIPMENT

Radar	Furuno FR-2177
Echo Sounder	Furuno FE-700
Speed Log	Furuno DS-80
GPS	Furuno GP-150
Gyro Compass	Anschutz STD22
Magnetic Compass	Daiko Deiki SR-165
Auto Pilot	Anschutz NP60
VHF	Two(2) unit Furuno FM-8800S
Inmarsat C	Two(2) unit Furuno Felcom-15
SSB	Furuno FS-1570
AIS	Furuno FA-150
Navtex Receiver	Furuno NX-700E
Wind Indicator	NINGLU AM706
SART	McMurdo E5
EPIRB	McMurdo S4 9GHz
Two Way VHF	Three (3) nos, GMDSS VHF IC-GM1600E

AIR CONDITION & VENTILATION

Air Condition System Central Air Condition System to supply for accommodation of Fwd & Aft deck house and w/h, M/D removeable accommodation installed with split type air con units.

Ventilation Fans For machinery space, galley, accommodation toilet, etc

DECK EQUIPMENT

Anchors	Three (3) nos x 1920 kg @ bow; One for spare
Chains	440m x 38mm dia. grade 2, Stud Link type
Mooring Ropes	Four (4) x 160m x 15.t B.S. PP type
Windlass / Ramp Winches at bow	Two (2), electric-hydraulic, single gypsy and warping head, rate pull 61.4kn x 10m/min, break holding 365kn; c/w winch drum (50Mx24mm dia. SWR), Rate pull 75kn x 15m/min, break holding 220kn, electric power pack
Mooring Winches at stern	Two (2), electric driven, winch drum (40Mx24mm dia. SWR), rate pull 50kn x 12m/min, break holding 150kn.
Bollards	Ten (10) nos x 250mm dia. double bitt
Mooring Chocks	Two (2) nos

FIRE FIGHTING EQUIPMENT

CO2 System	Fix CO2 System to protect Engine Room
Other Fire Fighting Equipment	To be in accordance with SOLAS and authority requirement

**** This vessel specification is given in good faith & assumed to be correct. Details given are without guarantee.**

**** Owners reserved the right to amend the specifications without notification.**

