

LOUISE TOW & SUPPLY VESSEL



GENERAL:

Built	2010, Choey Lee Shipyards, China
Flag	Panama
Class	B.V.

MAIN DIMENSIONS:

Length Overall	49.95 m
Beam Moulded	12.60 m
Depth Moulded	5.75 m
Draft (Max)	4.80 m
Free Deck Space	(L) 21.2m x (W) 9.6m = 203 m ²
Cargo Capacity	200 tons

TONNAGE:

GRT	962 tons
NRT	288 tons
DWT	878.21 tons

MACHINERY:

Main Engines	2 x Yanmar 6EY26
Break Horsepower	5,148 BHP
Generators	3 x CAT C-18, 350 Kw each
Emergency Generator	1 x CAT C4.4, 93 Kw
Bow Thruster	429 HP, 5 tons thrust
Propulsion	2 x CPP Propellers in kort nozzles
Rudders	2 x independent / synchronized

SPEED & CONSUMPTION:

Maximum Speed	12 knots
Service Speed	10 knots
Estimated Consumption	Running free 7.5t/24hrs Towing 12.5t/24H

TANK CAPACITIES:

Marine Gas Oil	405.6 m ³
Potable Water	277 m ³
Fresh water Ballast	84 m ³
Oil Recovery Tank	130.8 m ³

ACCOMMODATION:

Air-conditioning	Fully air-conditioned
Walk-in cooler	9.03 m ³
Walk-in freezer	10.12 m ³
Berths	2x1person, 2x2 men, 6x4 men Total 30 berths 16 passenger (4x4men) , 14 crew

TOWING & A/H EQUIPMENT

Bollard Pull	65 tons
Towing/Anchor handling Winch	D.D. Waterfall 75T @ 8m/min, Breaking load 180 tons
Wire Dimensions	1000m x 52mm
Stern Roller	SWL 120 tons, (L) 4.0m x (D) 1.4m
Shark Jaws	Retractable SWL 200 tons
Towing Pins	Retractable with horizontal locking tops, SWL 200 tons
Tugger Winch	2 Nos. SWL 10 tons
Anchor Windlass	Gypsy SWL 6.25 tons x 0-10m/min
Capstan	2 Nos. SWL 5tons

RADIO & NAVIGATION EQUIPMENT:

GMDSS	FURUNO FM8800S
SAT-C	FURUNO FELCOM 15
Radar	FURUNO FAR2117 (Stbd - X BAND) FURUNO RPU013 (Port - S BAND)
Gyro Compass	SIMRAD GC80
Auto Pilot	SIMRAD AP50
Echo Sounder with repeater at Aft console	FURUNO FE700
Navtex	FURUNO NX700A
EPRIB	McMURDO E5
SART	2 X McMURDO S4
AIS	FURUNO FA150
ECDIS	Maris 900 FPC-MK10

FiFi SYSTEM: FFS600/150LB

Fire Monitor	2 x 10,000 LPM (FiFi ½)
Pump Capacity	2 x 1500m ³ /h at 10 Bar
Horizontal Throw	110 m
Foam Capacity	17.2 m ³
Oil Dispersant Capacity	19 m ³

MISCELLANEOUS

1 x Water Cargo Pump 70m ³ /h @50mH,
1 x Sewage Treatment System - 40 persons/ day
1 x F.O. Cargo Pump 70m ³ /h @ 50mH
1 x Rescue Boat
2 x Spare tow wire 1000 m x 52 mm
Silencers equipped with spark arrestors