

Vessel Specifications

P. Reliance

Towing, mooring, pushing, support



PRINCIPAL PARTICULARS

Port of Registry	Fremantle
Official Number	396924
IMO Number	9621730
Classification	BV
Year Built	2010
Where Built	East Malaysia
GRT / NRT	144/44
Accommodation	10 men

MACHINERY & EQUIPMENT

Main Engine	CUMMINS KTA19M3 S/No.37237013 & 37237014
Horse Power	477Kw 640HP x 2 @1800 rpm each
Gear Box	R/R Reintzes WAF 364, Ratio 6.048:1 [585Kw@1800rpm]
Generator	2 x Yanmar Marinised Genset, 4TNE 84-SA 25KW 415 Volts Alternator Rated 3 Phase 4wire 50Hz at 1500rpm. Rated 3 phase 4wire 50Hz/1500rpm
Steering Gear	2ton Electro Hydraulic S/Gear System
Bilge/Ballast Pump	1x 2" ITUR pump, capacity 18m3/hr 2950rpm
GS & Fire pump	1x ITUR pump x 2950rpm
Fuel Transfer pump	1 x 1/2" CMEC KS6 Gear pump c/w Enga Motor
FW pressure pump	1 x 1" Davey Auto Pressure pump 1x 2" Yanmar air-cooled portable diesel engine fire pump
Emergency F/pump	Pump
Oily Water Separator	1 x 0.25 m3 per hour
Propellers	6" dia x 5833mm length-KSUSF 4 bladed fixed pitch

MAIN DIMENSION

Length Overall	23.50 m
Length Registered	22.02 m
Breadth (Mid)	7.32 m
Depth (Mid)	3.20 m
Draft	2.70 m
Fuel Capacity	82.70 M3
Freshwater Capacity	25.00 M3
Ballast	42.00 M3
Speed (Free Run)	11 Knots

RADIO & NAVIGATION EQUIPMENT

VHF	Icom VHF Radio IC-M304 AC/DC Converter FMS77
SSB	Icom SSB radio M-710 AC/DC Converter Icom AT-130
Radar	Furuno 1721 (24NM)
Echo Sounder	Furuno FVC-620
GPS	Furuno Navigator GP-32
AIS	Raymarine AIS 650 – Class B
Chart Plotter	C125 12" Raymarine

DECK EQUIPMENT

Anchor Windlass	1 x electric Hydraulic S/Gear System
Stockless Anchor	2x360Kgs AM2 Anchors & 17.5mm chains, Lgth 247.5m
Towing Hook	20 tons
Bollard Pull	12 tons