

Vessel Specifications

Profit Radiance

Towage, construction, salvage, work boat



PRINCIPAL PARTICULARS

Port of Registry	Fremantle
Official Number	396026
IMO Number	9502130
Classification	NKK
Year Built	2010
Where Built	East Malaysia
GRT / NRT	192/58
Accommodation	10 men

MAIN DIMENSION

Length Overall	26.00 m
Length Registered	24.26 m
Breadth (Mid)	8.00 m
Depth (Mid)	3.65 m
Draft	3.00 m
Fuel Capacity	136 M3
Freshwater Capacity	39 M3
Ballast	32 M3
Speed (Free Run)	10 Knots

DECK EQUIPMENT

Anchor Windlass	17.5mm Hydraulic electric, c/w (2) Warping drums
Stockless Anchor	2 x 420kgs Bower Anchors
Towing Winch	20 tons, brake holding 60Tons / Wire rope 32mm x 500mtr
Towing Hook	20 tons
Bollard Bull	21.6 ton

MACHINERY & EQUIPMENT

Main Engine	Yanmar 6AYM-ETE. Engine S/No1237&1238
Horse Power	610Kw each / 829HP x 2 @1900 rpm each
Gear Box	R/R Reintzes WAF 374, Ratio 6.10:1
Generator	2 x Mitsubishi S4K-T c/w Alternator Rated 50KW/0.89PF/3 phase 415V/50Hz/1500rpm rated 3 Phase 4wire 50Hz/1500rpm SSN 217930, PSN 217931
Steering Gear	2tons Electro Hydraulic S/Gear System (Joystick)
Bilge/Ballast Pump	1x ENGA Centrifugal pump 5.5kwx2900rpm
GS & Fire pump	1x ENGA Centrifugal pump 5.5kwx2900rpm
Fuel Transfer pump	1 x 1/2" CMEC KS38 Gear pump c/w Enga Motor
FW pressure pump	1 x 1" Davey Auto Pressure pump
Emergency F/pump	1 x 2" Changfa air-cooled diesel engine fire pump
Oily Water Separator	1 x 0.25 m3 per hour
Propellers	Manganese Bronze 4-bladed (Kort Nozzle Type)

RADIO & NAVIGATION EQUIPMENT

VHF Radio	Icom IC-M304 (Fms 77) M710 AC/DC Converter
SSB-ICOM	FMS33AD
Radar	Raymarine (24NM)
Echo Sounder	Furuno FVC-620
GPS	Furuno Navigator GP-32
AIS	Raymarine – AIS 650 Class B
Chart Plotter	Raymarine C125 12"