

## 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
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"