



BERJAYA DOCKYARD SDN BHD

Lot 285, Kuala Baram Industrial Estate, Kuala Baram-Brunei Border Road, 98008 Miri,
Sarawak Malaysia. | Tel: +6085 605 888 | Fax: +6085 605 955 | admin@berjayadockyard.com



CASPIAN PROTECTOR | 61.20M EMERGENCY RESPONSE & RESCUE VESSEL

PRINCIPAL PARTICULARS

Built	: 2010
IMO Number	: 9565027
Length Waterline	: 61.20m
Bollard Pull	: 60.68 tons with MCR 100%
Depth/Draft/Scantling	: 6.00m/4.50m/5.10m
Classification	: American Bureau of Shipping

MACHINERY/PROPULSION

Main Engine	: 2 x Caterpillar 3516B @ 2575bhp / 1600rpm
Main Generator	: 2 x CAT 3412C 405kW @ 1500rpm
Gear Box	: Twin Disc MGRP 1727VC 7.50:1
Tail Shafts	: Forged steel propeller shaft & intermediate shaft (grade 2)
Emergency Generator	: 1 x Cummins 6DTS.9G2 80kW 240/415V
Bow Thruster	: TCB-90DSMA, 8.0t CPP type thruster powered by shaft alternator
Stern Thruster	: TCB-70DSMA, 6.0t CPP type thruster powered by shaft alternator

CARGO CAPACITY

Clear Deck Area	: 309.00m ²
Fuel Oil Capacity	: Approx. 643.90m ³
Fresh Water	: Approx. 550.10m ³
DW Ballast Tank	: Approx. 521.00m ³

DECK EQUIPMENTS

Anchor Windlass	: Electro-hydraulic, 10t @ 15m/min c/w double gypsy and single split drum with break holding 100mt (1 st layer static) c/w drum capacity 100m x 96mm dia. with drum pull (1 st layer) 10t x 10m/min
Anchor & Chain	: 2 x Stockless anchor 1575kg + 330m + 38mm grade U2 stud link chain
Vertical Capstan	: 2 x Electro-hydraulic, 10t @ 15m/min with warping end of 380mm diameter
Tugger Winch	: 1 x Electro-hydraulic, 10t @ 15m/min, drum capacity 200m x 20mm dia (SWR) and brake holding 15t (static, 1 st layer)
Towing Winch	: Electro-hydraulic, 60t @ 6m/min, drum capacity 1000m x 58mm dia (SWR) @ 9 layers and brake holding 150t (static, 1 st layer)
Shark Jaws	: 160t @ capacity 32-102mm dia chain and wire rope / 300t
Stern Roller	: 3.5m long x 1.5m dia and designed to take 200T line pull at 90°
Deck Crane	: 1 x Electro-hydraulic, 1.4m pedestal height, SWL 20kN, max work radius 14m, min work radius 3m, hoisting height 20m, max hoisting speed 20m/min, slew angle 300°

Particulars given herein are without warranty as to accuracy and interested parties must satisfy themselves by inspection or other means of detail of the vessel.



Last Revised - October 31, 2015





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NAVIGATION/COMMUNICATION EQUIPMENTS

Radar	:	1 x Furuno FAR-2117 – 96Nm; 1 x Furuno FAR-2137S – 98NM
EPIRB	:	1 x Jotron Tron 40S GMDSS 406MHz
SART	:	2 x Jotron Tron SART20
Echo Sounder	:	1 x Furuno FE-700
Gyro Compass	:	2 x Anschutz Standard 22 compass c/w NMEA / course bus booster, 2 x steering repeater located 1 each at fwd / aft console and 1 unit located at SGR
AIS	:	1 x Furuno FA-150
GPS	:	1 x Furuno GP-150
Navtex Receiver	:	1 x Furuno NX-700B
Speed Log	:	1 x Walker 4020

ACCOMMODATION

15 x 1 Berth Cabin	:	15 men
6 x 2 Berth Cabin	:	12 men
Total	:	27 men

Survivors

(Recovery Room)

12 x 2 Berth Cabin	:	24 men
2 x 1 Berth Cabin	:	2 men

(Treatment Room)

3 x 1 Berth Cabin	:	3 men
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RESCUE & SAFETY EQUIPMENT

3 Daughter Crafts	:	DAVIT 80kN hoisting capacity, max hoisting speed 60m/min, hoisting height 30m, outreach 4m, weight 12.5t, dimension 7100 x 4930 x 2350
	:	Boat Davit load 7.375kg, LOA 11.4m, LWL 9.16m, WOA 3.5m, draught 0.70m, 15 persons, cruising range 200N. miles, 2 x Volvo D4- 225/dp, 4-cylinder, turbo- charged intercooled engine, 225hp @ 3500rpm, 630 litres tank capacity
2 Fast Rescue Boats	:	DAVIT 80kN lifting capacity, max hoisting speed 50m/min, hoisting height 15m, outreach 4.2m, max tension speed 110m/min
	:	Boat LOA 6.50m, WOA 2.32m, HOA 2.30m, 15 persons, 1460kg empty load, davit load 2585kg, 2 x mercury 60hp, speed 28 knots, towing force 7.8kN
Rescue Basket	:	2 x 140kg, lifting strops – polypropylene, tube – aluminum, 6 points to centre, single strop, 400kg min buoyancy
Dacon Rescue Scoope	:	1 x 5-7m length, 8-10m width, 300-450kg weight, effective rescue reach 4-6m

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