



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



PRINCESS FATMA | 61.20M ANCHOR HANDLING / OFFSHORE SUPPORT VESSEL

PRINCIPAL PARTICULARS

Built	: 2009
IMO Number	: 9533385
Length Waterline	: 61.20m
Bollard Pull	: 71.68 tons with MCR 100%
Depth/Draft/Scantling	: 6.00m/4.50m/5.10m
Accommodation	: 48 men
Classification	: American Bureau of Shipping

MACHINERY/PROPULSION

Main Engine	: 2 x Caterpillar 3516B @ 2575bhp / 1600rpm
Main Generator	: 2 x Caterpillar 3412C @ 405kW
Gear Box	: 2 x Nico 2575bhp @ 1600rpm, reduction ratio 7.50:1
Shaft Alternator	: 2 x Cummins PM.734C2 1000kW @ 1500rpm
Emergency Generator	: 1 x Cummins C110D5S @ 80kW / 100Kva prime rating
Propulsion System	: 2 x ZF KH680 controllable pitch propeller
Thruster	: 1 x 8 tons Kamome TCB-90DSMA Bow Thruster, 1 x 6 tons Kamome TCB-70DSMA Stern Thruster

CARGO CAPACITY

Clear Deck Area	: 370m ²
Fuel Oil Capacity	: Approx. 550.10m ³
Fresh Water	: Approx. 382.60m ³
Mud Tank	: Approx. 245.80m ³
Drill Water Ballast Tank	: Approx. 662.50m ³

DECK EQUIPMENTS

Anchor Windlass / Towing Winch	: 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	: 2 x Electro-hydraulic, 10t @ 15m/min, drum capacity 200m x 20mm dia (SWR) and brake holding 15t (static, 1 st layer)
Anchor Handling	: Electro-hydraulic, double drums in water-fall arrangement, upper drum c/w spooling device, drum capacity 1000m x 58mm dia (SWR) at 1 st layer pull 150t x 6m/min, 75t x 12m/min 50t x 18m/min with brake holding 225t (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°

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 1932 MKIII – 48Nm
EPIRB	:	1 x Saracom EB-10 GMDSS 406MHz
SART	:	2 x Saracom 9GHz SART
Echo Sounder	:	1 x Furuno FE-700
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 MCMURDO ICS NAV-7 GMDSS
Speed Log	:	1 x Walker 4020

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