



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



ZAKHER COMMANDER | 61.20M ANCHOR HANDLING / OFFSHORE SUPPORT VESSEL

PRINCIPAL PARTICULARS

| | |
|-----------------------|-------------------------------|
| Built | : 2009 |
| IMO Number | : 9535890 |
| 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 | : Twin Disc MGRP 1727VC, Ratio 7.50:1 |
| Tail Shafts | : Forged steel propeller shaft & intermediate shaft (Grade 2) |
| Emergency Generator | : 1 x Cummins 6DTS.9G2 80kW |
| 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 | : 370m ² |
| Fuel Oil Capacity | : Approx. 540.10m ³ |
| Fresh Water | : Approx. 375.00m ³ |
| Mud Tank | : Approx. 240.90m ³ |
| Drill Water Ballast Tank | : Approx. 458.00m 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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