

Ocean Black Rhino



GENERAL DESCRIPTION

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| Design | Gusto P10,000 DW |
| Year Entered Service | 2015 |
| Classification | ABS, +A1, Drillship, Helidk, +AMS, +ACCU, +CDS, + DPS-3, SH-DLA, GP |
| Dimensions | 754 ft long x 118 ft wide x 59 ft deep |
| Draft | 36 ft operating / 29 ft transit |
| Displacement | 70,000T operating |
| Variable Deck | 22,045T operating |
| Transit Speed | up to 12.5 knots |
| Water Depths | 12,000 ft designed / 10,000 ft outfitted |
| Drilling Depth | 40,000 ft |

DRILLING EQUIPMENT

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| Derrick | NOV Dual Bottleneck, 210 ft high with 80 ft x 60 ft base, combined hook load capacity of 4,000 kips |
| Drawworks | (<u>Main</u>): NOV / AHD 1250, six AC electric motors, 9,000hp total, 1,250T with sixteen 2 1/8" drilling lines (<u>Aux</u>): NOV / AHD 750, five AC electric motors, 5,750hp total, 750T with fourteen 1 3/4" drilling lines |
| Compensator | Active Heave Compensating Drawworks |
| Rotary Table | (<u>Main</u>): NOV RST 75 1/2" hydraulic, 1,375T static (<u>Aux</u>): NOV RST 60 1/2" hydraulic, 1,000T static |
| Top Drive | (<u>Main</u>): NOV TDX-1250, 1,250T with 7,500 psi (<u>Aux</u>): NOV TDS-8SA. 750T with 7,500 psi |
| Tubular handling | 2 x NOV MPT 'Hydraulic Roughneck' for tubular range 3 1/2" to 9 3/4" + 2 x NOV HR IV-ER |
| Mud Pumps | 5 x NOV 14-P-220, 2,200hp, 7,500 psi |

POWER EQUIPMENT

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| Main Power | 6 x Himsen diesel engines rated 4,500kW, each driving 5,375 kVA AC generators 2 x Himsen V-type diesel engines rated 9,000kW, each driving 10,875 kVA AC generators |
| Emergency Power | V-type Cummins diesel engine rated 1,900kW driving 1 x STX engine rated 1,550kW AC generator |

STORAGE CAPACITIES

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| Liquid Mud | 15,204 bbls |
| Base Oil | 7,209 bbls |
| Brine | 13,175 bbls |
| Drill Water | 18,593 bbls |
| Potable Water | 8,834 bbls |
| Bulk Storage | 16,315 ft ³ (barite + bentonite) + 15,891ft ³ (cement) |
| Sack Storage | 6,000 sacks |

CRANES

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| Knuckle-boom | 1 x 100 ton + 2 x 85 ton knuckle-boom |
| AHC Subsea | 165 ton Active Heave Compensation knuckle-boom |

SUBSEA EQUIPMENT

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| Diverter | Vetco CSO 21 1/4" 500 psi diverter with 1 x 20" flow line + 2 x 16" overboard diverter lines |
| BOP Stacks (2) | Hydril 18 3/4" 15,000 psi seven-ram preventer 2 x Hydril 18 3/4" 10,000 psi annular preventers APIS53 compliant |
| C&K Manifold | 3 1/16", 15,000 psi |
| Marine Riser | Vetco HMF Class H 21", 75 ft long per joint |
| Tensioners | 16 x 225 kips NOV wireline riser tensioners. Total capacity 3,600 kips with 50 ft of wire travel |
| Moonpool | 73 ft x 42 ft |

STATION KEEPING / PROPULSION SYSTEM

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| Thrusters | 6 x Thrustmaster, 5,000kW azimuth thrusters with fixed pitch variable speed propellers |
| DP System | Kongsberg K-POS |

OTHER INFORMATION

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| Dual Activity | Yes |
| Accommodation | 210 people |
| Helideck | Sikorsky S-61 & S-92, CAP 437 compliant |