

General

Rig Type:	Drillship
Rig Design:	Samsung 96K
Builder:	Samsung Heavy Industries
Year Built / Upgraded:	2013
Classification:	ABS Classed: A1, Drillship, AMS, ACCU, DP-3, EFP-AM
Flag:	Liberia
MODU Code:	2009



Ratings & Dimensions

Water Depth:	12,000 ft
Drilling Depth:	40,000 ft
Length:	748 ft
Breadth:	137 ft
Depth:	62 ft
Draft (Operating/ Transit):	39 ft / 28 ft
Moonpool:	84 ftx 41 ft
Variable Deck Load:	24,250 ST
Simultaneous Setback & Hook Load:	2,646 + 2,500 + 1,000 kips
Racking Capacity:	120' stands for DC's, 127.5' stands for DP and Casing
Quarters Capacity:	200

Capacities

Fuel:	46,500 bbls
Drill Water:	15,700 bbls
Liquid Mud:	6,600 bbls
Brine Storage:	15,700 bbls
Base Oil Storage:	6,200 bbls
Bulk Storage:	32,000 cu ft
Sack Storage:	10,000 sacks

These specifications are intended for informational purposes only. Noble makes no warranties about the accuracy or completeness of any information contained herein.

Equipment

Derrick:	210 ftx 80 ft x 60 ft; 1,250 st main & 1,000 st aux
Drawworks:	2 x NOV Active Heave Drawwork, 2,500 kips single speed gear driven by 6 x 1,150 HP AC motors with 2 1/8" line
Top Drive:	2 x NOVTDX-1250, 1250 ST hoisting, 1,200 ST rotating, torque 90,740 ft.lbs
Rotary:	1 x NOV RST 755 (75-1/2") hydraulic [Main]; 1 x NOV RST 605 (60-1/2") hydraulic (Auxiliary)
Iron Roughneck:	Hydratong MPT TF-975 w/ TE-1190 (2 ea.); 147,000 ft-lbs.
Riser Tensioner / Stroke:	(8) Dual Wireline; 225 kips with 50ft stroke
Riser Details:	NOV-Shaffer 21" OD, 90 ft Class H 3 1/2 M. lbs couplings & 15k 4.1/2" ID C&K lines - 10,000 ft; 54" buoyancy
BOP:	6 ram cavities: 2 x NOV-Shaffer NXT 18%" 15k triple; GE-Vetco SHD H4 18%" 15k wellhead connector
LMRP:	2 x NOV-Shaffer 18%" 10k annular; GE-Vetco ExF H4 18%" 15k High Angle Release LMRP connector
Control System:	NOV-Shaffer 6th Gen. Multiplex Control System suitable for 12,000 ft
Pipe Handling System:	2 x Hydra-Racker System HR-IV (for 3.1/2" to 20" tubulars), 2 x Hydratong MPT-200 (for 3.1/2" to 9.3/4" tool-joints)
Solids Control System:	NOV-Shaffer 6th Gen. Multiplex Control System suitable for 12,000 ft
Diverter:	NOV-Shaffer 21 1/4" CSO for 75.1/2" Rotary table, 500 psi
Tree Storage/ Handling:	1 x BOP trolley with skid rated 540 tons; 2 x 240 ton BOP gantry crane with dual lifting hoists, 2 x X-mas tree skids rated 120 tons, rails for 1 multi-purpose cart rated 1,000 tons with 13m clearance for Xmas trees
Cranes:	4 x 85 MT electro-hydraulic knuckle-boom cranes at 18 m (59 ft) radius, 1 x 9 MT electro-hydraulic tubular handler at 22.3 m (73 ft) radius on forward pipe deck
Mud Pumps:	4 x NOV 14-P-220, 7,500 psi
Engines:	HIMSEN engines 6 x 8,000 KW at 720 RPM, Tier 2 compliant, each driving 1 x 7,760 kW 11kV ABB generators
Station Keeping:	Kongsberg DYNPOS AUTRO System for DP-3 Operations; K-POS DP32/12
Thrusters:	6 x Rolls Royce Aquamaster fixed pitch Azimuthing in water removable thrusters

