

## General

<b>Rig Type:</b>	Drillship
<b>Rig Design:</b>	Ship shaped, Samsung 96K
<b>Builder:</b>	SHI, Korea
<b>Year Built /</b>	2014
<b>Upgraded:</b>	
<b>Classification:</b>	ABS
<b>Flag:</b>	Singapore
<b>MODU Code:</b>	2009



## Ratings & Dimensions

<b>Water Depth:</b>	12,000 ft
<b>Drilling Depth:</b>	40,000 ft
<b>Length:</b>	748 ft
<b>Breadth:</b>	137.8 ft
<b>Depth:</b>	62.3 ft
<b>Draft (Operating/</b>	39.4 ft / 27.9 ft
<b>Transit):</b>	
<b>Moonpool:</b>	84 ft x 41 ft
<b>Variable Deck</b>	44,092 kips
<b>Load:</b>	
<b>Hook Load:</b>	2,500 kips on main hoist; 1,500 kips on auxiliary hoist
<b>Setback Capacity:</b>	2,645 kips
<b>Racking Capacity:</b>	5 7/8" – 6 5/8" DP 375 at 133 ft, 5" DP 90 at 133ft, 3 1/2" DP 54 at 133ft 16" csg 24 at 126ft, 7"-14" csg 64
<b>Quarters</b>	230
<b>Capacity:</b>	

## Equipment

<b>Derrick:</b>	NOV; 210 ft x 80 ft x 60 ft; 1,250 st main & 1000 st aux
<b>Drawworks:</b>	AHD-1250; 9,000 hp main / AHD-1000-6,900 hp aux
<b>Top Drive:</b>	NOV TDX-1250; 105,000 ft-lbs max continuous torque
<b>Rotary:</b>	NOV Model RST-755; 75-1/2 in Main, NOV Model RST-605; 60-1/2 in Aux
<b>Iron Roughneck:</b>	NOV ARN 200; 140,000 / 200,000 ft-lbs. m/u / b/o torque
<b>Motion Compensator:</b>	Function is incorporated in AHD
<b>Riser Tensioner / Stroke:</b>	(16) NOV DWRT-225-50; 225 kips/ea; Wire line travel of 50ft
<b>Riser Details:</b>	GE Vetco/MR-6H SE; 90 ft length;
<b>BOP:</b>	GE Hydril; 6 ram; 18-3/4 in x 15k psi
<b>LMRP:</b>	(2) Hydril GX 18-10, BTM FLG 18-3/4 in x 10 psi annulars
<b>Control System:</b>	GE Hydril MUX System
<b>Pipe Handling:</b>	NOV (2) Hydra Racker-model HR-IV-ER w/ 30 kips lifting capacity
<b>Solids Control System:</b>	(6) NOV-Brandt VMS-300 Shakers, Mi Swaco/CD-1400 Vertical Degasser
<b>Diverter:</b>	GE Vetco Gray-CSO; 75-1/2 in x 500 psi
<b>Tree Storage / Handling:</b>	NOV; (1) 230T Xmas Tree Carrier, located at aft end of Moonpool (1) 2x75T Xmas Tree overhead crane to move Xmas trees well center w/ capacity
<b>Cranes:</b>	(4) NOV - OC3932KM01/02/03/04 85T
<b>Mud Pumps:</b>	(5) National 14-P-220; 2,200 HP
<b>Engines:</b>	(6) Doosan/MAN 16V32/40 w/7,248Kw per engine, W/6 generator rating of 7,000Kw per generator
<b>Station Keeping:</b>	Kongsberg DP3 K-Pos DP32 (Main) & DP12 (Backup)
<b>Thrusters:</b>	Wartsila Propulsion Netherlands B.V (6) 5,500kw-DP3 Thruster

## Capacities

<b>Fuel:</b>	39,060 bbls
<b>Drill Water:</b>	15,158 bbls
<b>Liquid Mud:</b>	15,975 bbls
<b>Brine Storage:</b>	4,887 bbls
<b>Base Oil Storage:</b>	6,277 bbls
<b>Bulk Storage:</b>	31,924 cu ft
<b>Sack Storage:</b>	5,000 sacks

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