

General

Rig Type:	Drillship
Rig Design:	Ship shaped, Samsung 96K
Builder:	SHI, Korea
Year Built /	2013
Upgraded:	
Classification:	ABS
Flag:	Marshall Islands
MODU Code:	2009

Ratings & Dimensions

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

Capacities

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



Equipment

Derrick:	NOV; 210 ft x 80 ft x 60 ft; 1,250 st main & 1000 st aux
Drawworks:	AHD-1250; 9,000 hp main / AHD-1000-6,900 hp aux
Top Drive:	NOVTDX-1250; 105,000 ft-lbs max continuous torque
Rotary:	NOV Model RST-755; 75-1/2 in Main, NOV Model RST-605; 60-1/2 in Aux
Iron Roughneck:	NOV ARN 200; 140,000 / 200,000 ft-lbs. m/u / b/o torque
Motion Compensator:	Function is incorporated in AHD
Riser Tensioner / Stroke:	(16) NOV DWRT-225-50; 225 kips/ea; Wire line travel of 50ft
Riser Details:	GE Vetco/MR-6H SE; 90 ft length;
BOP:	GE HydriI; 6 ram; 18-3/4 in x 15k psi
LMRP:	(2) HydriI GX 18-10, BTM FLG 18-3/4 in x 10 psi annulars
Control System:	GE HydriI MUX System
Pipe Handling:	NOV (2) Hydra Raeker-model HR-IV-ERw/ 30 kips lifting capacity
Solids Control System:	(6) NOV-Brandt VMS-300 Shakers, Mi Swaco/CD-1400 Vertical Degasser
Diverter:	GE Vetco Gray-CS0; 75-1/2 in x 500 psi



<i>Tree Storage / Handling:</i>	NOV; (1) 230T Xmas Tree Carrier, located at Moonpool (1) 2x75T Xmas Tree overhead Xmas trees well center w/ capacity	<i>Station Keeping:</i>	rating of 7,000Kw per generator Kongsberg DP3 K-Pos DP32 (Main) & DP12 (Backup)
<i>Cranes:</i>	(4) NOV - OC3932KM01/02/03/04 85T	<i>Thrusters:</i>	Wartsila Propulsion Netherlands B.V (6) 5,500kw-DP3 Thruster
<i>Mud Pumps:</i>	(5) National 14-P-220; 2,200 HP		
<i>Engines:</i>	(6) Doosan/MAN 16V32/40 w/7,248Kw per engine, W/6 generator		

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