



# VALARIS DS-6

(ENSCO DS-6)

Samsung A1E DPS 3 Drillship • Year in Service: 2012

## DESIGN

Design  
Samsung 96k Drillship

Shipyard Delivery  
2011

Shipyard  
Samsung Heavy Industries,  
Geoje, South Korea

Classification Agency  
ABS

Flag State  
Marshall Islands

Drilling Systems  
NOV

Subsea Systems  
NOV

## PROPULSION & POWER

DP Class  
DPS-3

Main Engines  
(6) STX MAN 8,000 kW

Emergency Power  
1,900 kW

Thrusters  
(6) Rolls-Royce azimuthing type,  
5.5 MW each

## DRILLING EQUIPMENT

Derrick  
NOV Dynamic Derrick 2,000,000 lbs

Top Drives  
Main: NOV Dreco SSGD- 1000 st, 5,750 hp  
Aux: Not outfitted

Drawworks  
Main: NOV Dreco SSGD-5750-1000  
Aux: Not outfitted

Rotary Table  
Main: 75½", 1,000 st

Motion Compensator  
Main: Main: 1,000 st CMC-1000-25

Iron Roughnecks  
(2) 3½" - 20"

## GENERAL SPECIFICATIONS

Length Overall  
751.3ft

Breadth  
137.8ft

Depth at Side  
62.3ft

Draft (Max. Operating)  
39.3ft

Displacement  
96,000 MT

Rated Max. Water Depth  
10,000ft

Moonpool, Opening at Baseline  
41ft x 84ft

Max. Drilling Depth  
40,000ft

Variable Deck Load  
20,000

Heliport  
Boeing BV234LR Chinook  
tandem rotor helicopters

Accommodations  
200 persons

Changes / modifications to the above listed equipment could occur.

Maximum Water Depth denotes the designed rating, pending site specific assessment.

Should you have specific questions, please contact the Marketing Department at: [marketing@valaris.com](mailto:marketing@valaris.com)



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## ■ CAPACITIES

Diesel Fuel Oil  
37,740 bbl

Drillwater  
17,600 bbl

Liquid Mud  
16,400 bbl

Bulk Storage  
Barite: 452 m<sup>3</sup>  
Cement: 532 m<sup>3</sup>

Fresh Water  
8,800 bbl

Base Oil  
2,800 bbl

Brine/Completion Fluid  
7,000 bbl

## ■ WELL CONTROL & MUD SYSTEM

Mud Pumps  
(4) 14-P-220, 2,200 hp

Mud System Pressure  
7,500 psi

Shale Shakers  
(6) Brandt VSM-300

BOP Stack #1  
(1) 10,000 psi Annular  
(6) ram 15,000 psi BOP™

BOP Stack #2  
(1) 10,000 psi Annular  
(6) ram 15,000 psi BOP™

Control System  
NOV 5th gen multiplex

Diverter  
74" 500 psi

Choke Manifold  
15,000 psi upstream, 10,000 psi  
downstream, H<sub>2</sub>S rated, (2) auto,  
(2) manual, (1) by-pass choke design

## ■ RISER SYSTEMS

Riser  
GE Vetco MR-6H SE 3.5m lbs,  
21 ¾" OD, 75 ft joints

Riser Tensioning  
(16) 225,000 lbs each,  
3,600,000 lbs total

Riser Length  
9,900 ft

Riser Handling  
(1) riser gantry crane  
(1) 45 MT riser catwalk machine  
with tailing arm

## ■ HANDLING SYSTEMS

Cranes  
(3) 85 MT; (1) 165 MT AHC,  
maximum 12,000 ft. water depth;  
(1) 20 MT (poop deck crane)

Tubular Handling  
(2) Hydrarackers, 3½" to 20"

BOP Handling  
(1) 440 MT Hydralift Overhead Crane  
with (1) BOP Carrier rated 540 MT

Xmas Tree Handling  
(2) 120 MT Xmas tree skids

Additional  
(1) 120 MT Xmas tree carrier

## ■ LIFESAVING SYSTEMS

Lifeboats  
(6) 70 persons

Rescue Boat  
(1) davit launched

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