



VALARIS DS-3

(ENSCO DS-3)

Samsung A1E DPS 3 Drillship • Year in Service: 2010

DESIGN

Design
Samsung 96k Drillship

Shipyard Delivery
2010

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) Wartsila 7,000 kW

Emergency Power
1,350 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 HPS 1000, 1,000 T

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

Rotary Table
Main: 60 ½", 1,000 st
Aux: 60 ½", 1,000 st

Motion Compensator
Main: NOV CMC-1000-25 Heave
Motion Compensator; CMC/
AHC-1000/25T-25 Active
Heave Motion Compensator
Aux: NOV CMC-1000-25 Heave
Motion Compensator; CMC/
AHC-1000/25T-25 Active
Heave Motion Compensator

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 MT

Heliport
Boeing Vertol Chinook
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



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■ CAPACITIES

Diesel Fuel Oil
35,800 bbl

Drillwater
16,300 bbl

Liquid Mud
15,000 bbl

Bulk Storage
Barite: 452 m³
Cement: 532 m³

Fresh Water
8,100 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) Axiom AX-1

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

BOP Stack #2
Single Stack

Control System
NOV 5th gen multiplex

Diverter
59" 500 psi

Choke Manifold
15,000 psi upstream, 10,000 psi
downstream, H₂S rated, (2) auto,
(2) manual, (1) by-passchoke 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
9,900ft

Riser Handling
Main pedestal crane complete with
riser handling yoke, (1) 45 MT riser
catwalk machine with tailing arm

■ HANDLING SYSTEMS

Cranes
(3) 85 MT; (1) 165 MT AHC, (1) 10 MT
(helideck service crane)

Tubular Handling
(1) NOV Piperack handler, (1) HTV,
(2) Hydrackers 3½" to 20"

BOP Handling
(1) 440 MT Hydralift Overhead Crane
with (1) Hydralift Moon pool Cart
rated 460 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

REVISED 7/2019

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