



VALARIS DPS-1

F&G ExD Millenium Semi Submersible • Year in Service: 2012

DESIGN

Design:
F&G ExD Millenium

Flag State:
Marshall Islands

Shipyards Delivery
2012

Drilling Systems:
NOV

Shipyards:
Jurong Shipyards Singapore

Subsea Systems:
Hydril

Classification Agency:
ABS

PROPULSION & POWER

DP Class:
DP-2

Emergency Power:
1,424 hp

Mooring Winches:
(2) Rolls Royce 41 T

Thrusters:
(8) Ulstien Aquamaster Azimuthing,
3,800 kW each

Main Engines:
(8) Caterpillar C280-16, 5060 kW each

DRILLING EQUIPMENT

Derrick:
2,000,000 lbs

Rotary Table:
(1) 60 1/2"

Top Drives
(1) NOV TDX 1250

Motion Compensator:
Incorporated in with Active Heave Drawworks

Drawworks:
(1) NOV AHD 1,000

Iron Roughnecks:
(1) NOV ST-120

GENERAL SPECIFICATIONS

Pontoons
354.2L x 66W x 28ft

Columns
(4) columns, 52ft

Main Deck elevation
above baseline
118ft

Rated Max. Water Depth
10,000ft

Moonpool Opening
138.5ft x 29.5ft

Max. Drilling Depth
35,000ft

Variable Deck Load
5,127.7mt

Heliport
EH101 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
22,899 bbl

Drillwater
21,888 bbl

Liquid Mud
16,755 bbl

Bulk Storage
Barite: 500 m³
Cement: 500 m³

Fresh Water
10,614 bbl

Base Oil
4,687 bbl

Brine/Completion Fluid
5,116 bbl

■ WELL CONTROL & MUD SYSTEM

Mud Pumps
(4) NOV 14-P-220

Mud System Pressure
7,500 psi

Shale Shakers
(8) VSM-300

BOP Stack #1
18 3/4" 15,000 psi (6) ram stack with
(2) 18 3/4" 10,000 psi annulars

BOP Stack #2
N/A

Control System
Hydril Mux

Diverter
60" 500 psi

Choke Manifold
15,000 psi with 2 adjustable chokes
and 2 power chokes

■ RISER SYSTEMS

Riser
21" OD MH Wirth clip riser, 75ft each

Riser Tensioning
(6) NOV AS DRTS N-Line 300 T each

Riser Length
10,000ft

Riser Handling
(1) NOV Riser Gantry Crane 2x25-75

■ HANDLING SYSTEMS

Cranes
(2) Seatrax Series S108

Tubular Handling
Catwalk and Hydrarcker

BOP Handling
(1) NOV BOP trolley rated 750 MT
(1) NOV 2 x 270 MT Overhead GC

Xmas Tree Handling
(1) NOV Xmas Tree carrier 200 MT

Additional
(1) BOP Skid 350 MT

■ LIFESAVING SYSTEMS

Lifeboats
(6) 70 person

Rescue Boat
(1) 144 hp

REVISED 05/2020

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