



VALARIS 6002

(ENSCO 6002)

Megathyst - Semi-Submersible • Year in Service: 2001



DESIGN

Design:
Megathyst - Semi-Submersible

Flag State:
Marshall Islands

Shipyards Delivery
2001

Drilling Systems:
Marshall Islands

Shipyards:
Daewoo Heavy Industry, Korea

Subsea Systems:
Cameron

Classification Agency:
ABS

PROPULSION & POWER

DP Class:
DPS-3

Emergency Power:
Any Main generator

Mooring Winches:
(2) Pellegrini AS1500/S/E, 340,000 lbs

Thrusters:
(8) Wartsila Lips BV, 2145 hp each

Main Engines:
(6) Caterpillar 3612 DIT, 19,954 kW total

DRILLING EQUIPMENT

Derrick:
1,300,000 lbs

Rotary Table:
(1) 49 1/2"

Top Drives
DDM-650-DC, 650 T

Motion Compensator:
MH 270/20

Drawworks:
Continental EMSCO C3, 3,000 hp

Iron Roughnecks:
MH-1899, 3 1/2" - 9 1/2"

GENERAL SPECIFICATIONS

Pontoons
249.5L x 56W x 29.5ft

Columns
(4) column, 39.37 x 43.3

Main Deck elevation
above baseline
109.4ft

Rated Max. Water Depth
5,600ft

Moonpool Opening
39.04ft x 19.42ft

Max. Drilling Depth
25,000ft

Variable Deck Load
7,716 kips

Heliport
Sikorsky S-92 or equiv.

Accommodations
130 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
12,346

Drillwater
7,044 bbl

Liquid Mud
4,003 bbl

Bulk Storage
Barite/Bentonite: 142 m³
Cement: 142 m³

Fresh Water
2,053 bbl

Base Oil
No dedicated Tank

Brine/Completion Fluid
1,723 bbl

■ WELL CONTROL & MUD SYSTEM

Mud Pumps
(3) Continetal EMSCO FC-1600, 2200 hp

Mud System Pressure
5,000 Psi

Shale Shakers
(4) NOV Brandit - VSM3000

BOP Stack #1
(2) 5,000 psi Annular, (4) ram 10,000 psi BOP

Control System
Cameron Mark -3 multiplex

Diverter
48 1/4"

Choke Manifold
3 1/16" 10,000 psi. H₂S rated, (2) auto and (2) manual choke design

■ RISER SYSTEMS

Riser
GE MR-6E, OD 18 5/8", 0.625" wall
Thickness x 65ft joint

Riser Tensioning
(8) 125,000 lbs

Riser Length
5,980ft

Riser Handling
(1) Riser Gantry Crane

■ HANDLING SYSTEMS

Cranes
(2) HUISMAN A85060 40 MT.

Tubular Handling
MH, Pipe Racking System. Two man operated arms

BOP Handling
(2) Overhead Crane HUISMAN 40t each. (1) BOP carrier HUISMAN 280t.

Xmas Tree Handling
(2) Overhead Crane HUISMAN 40t each. (1) XMAS Tree carrier HUISMAN 60t.

Additional
N/A

■ LIFESAVING SYSTEMS

Lifeboats
(2) 65; (1) 70 person

Rescue Boat
(1) 6 person

REVISED 7/2019

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