### DESIGN

- **Design:** Enso 8500 Series
- **Flag State:** Liberian
- **Shipyards Delivery:** 2010
- **Shipyards:** KFELS Singapore
- **Classification Agency:** ABS

### GENERAL SPECIFICATIONS

- **Pontoons:** 310L x 56W x 24ft
- **Columns:** (4) columns, 45ft x 50ft
- **Main Deck elevation above baseline:** 97ft
- **Rated Max. Water Depth:** 8,500ft
- **Moonpool Opening:** 30ft x 120ft
- **Max. Drilling Depth:** 35,000ft
- **Variable Deck Load:** 8,000 T
- **Heliport:** Sikorsky S61 or S92
- **Accommodations:** 150 persons

### PROPULSION & POWER

- **DP Class:** DP-2
- **Emergency Power:** (7) EMD 20-710-G7C 25,742 kW total
- **Mooring Winches:** (4) Broehl 460,000 lbs
- **Thrusters:** (8) Flowserve-Pleuger Azimuthing, 3,500 hp each
- **Main Engines:** (7) EMD 20-710-G7C 25,742 kW total

### DRILLING EQUIPMENT

- **Derrick:** 2,000,000 lbs
- **Rotary Table:** (1) 60 ½”
- **Top Drives:** (1) NOV TDS-1000A
- **Motion Compensator:** CMC H-1000-25
- **Drawworks:** (1) NOV ADS-30Q, 6,000 hp
- **Iron Roughnecks:** (1) NOV ST-120

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
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

### CAPACITIES

- **Diesel Fuel Oil**
  16,700 bbl

- **Drillwater**
  14,000 bbl

- **Liquid Mud**
  16,250 bbl

- **Bulk Storage**
  - Barite: 382 m³
  - Cement: 382 m³

- **Fresh Water**
  1,570 bbl

- **Base Oil**
  1,704 bbl

- **Brine/Completion Fluid**
  2,130 bbl

### WELL CONTROL & MUD SYSTEM

- **Mud Pumps**
  4 (Lewco W-2215, 2200 hp each)

- **Mud System Pressure**
  7,500 psi

- **Shale Shakers**
  6 (Derrick FLC-514, 900 gpm each)

- **BOP Stack #1**
  18 ¾˝ 15,000 psi (6) ram stack with
  2 (18 ¾˝ 10,000 psi annulars

- **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 Dril Quip flanged riser, 75ft each

- **Riser Tensioning**
  10 (NOV Hydralift, 250,000 lbs each

- **Riser Length**
  8500ft

- **Riser Handling**
  1 (NOV Riser Gantry Crane 2x27-75

### HANDLING SYSTEMS

- **Cranes**
  2 (Seatrax 160ft boom, 97 T

- **Tubular Handling**
  Catwalk, HTV, bridge racker, racking guide arm, and utilizes GC for deck handling

- **BOP Handling**
  1 (NOV BOP Carrier rated 400 MT for BOP & 750 MT for Riser Hangoff

- **Xmas Tree Handling**
  1 (NOV Xmas Tree carrier 150 MT

- **Additional**
  1 (NOV Xmas Tree Skid

### LIFESAVING SYSTEMS

- **Lifeboats**
  4 (75 person

- **Rescue Boat**
  1 (160 hp

---

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