These specifications are intended for general reference purposes only, as actual equipment and specifications may vary based upon subsequent changes, the contract situation and customer needs. All equipment shall be operated and maintained at all times, in compliance with Transocean standard operating manuals, policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.

Patent Notice: This rig, its systems, components, and/or equipment in use on this rig, may be protected by one or more US and/or foreign patents.

### General Description

**Design / Generation**: Transocean/Gusto P10000 Drillsip

**Constructing Shipyard**: Hyundai Heavy Industries South, Korea

**Year Entered Service / Significant Upgrades**: 2010

**Classification**: DNV +1A1,BIS,EO,DYNPOS-AUTRO

**Flag**: Vanuatu

**Dimensions**: 752 ft. long x 118 ft. wide x 59 ft. deep

**Drills**: 36 ft. operating / 36 ft. transit

**Accommodation**: 210 persons

**Displacement**: 70,273 st operating

**Variable Deck**: 21,671 st operating / 20,352 st transit

**Transit Speed**: up to 10 knots

**Maximum Water Depth**: 12,000 ft. designed / 10,000 ft. outfitted

**Maximum Drilling Depth**: 40,000 ft

### Drilling Equipment

- **Derrick**: NOV Dual Bottleneck 210 ft. high x 60 ft. long x 80 ft. wide base.
- **Hookload Capacity**: (Main) 2,000,000 lbs static hook load. (Aux) 1,500,000 static hook load.
- **Drawworks**: (Main): NOV active heave compensating rated to 1,000 st with 2 inch drilling lines. (Aux) NOV active heave compensating rated to 750 st with 1-3/4 inch drilling lines.
- **Compensator**: See above.
- **Rotary Table**: (Main) NOV RST 75-1/2 inch hydraulic with a maximum continuous torque of 45,000 ft.-lbs. (Aux) NOV 60-1/2 inch hydraulic with a maximum continuous torque rating of 65,000 ft.-lbs.
- **Top Drive**: (Main) NOV TDS-1000A AC drive rated to 1,000 st and continuous drilling torque rating of 65,500 ft.-lbs. (Aux) NOV TDS-8SA AC drive rated to 750 st and continuous drilling torque rating of 65,500 ft.-lbs.
- **Tubular Handling**: 2 x NOV PRS-5 pipe racking systems and 2 x ARN 200 Iron Roughnecks.
- **Riser Feed**: For riser joints
- **Mud Pumps**: 4 x NOV 14-P-220 triplex pumps, each driven by 2 x Baylor AC 1,230 hp traction motors.
- **HP Mud System**: Rated for 7,500 psi
- **Solids Control**: 8 x NOV Brandt VSM 300 shale shakers.

### Power & Machinery

- **Main Power**: 6 x STX-MAN I-9 diesel engines rated at 6,035 hp, each driving 1 x 4.3 mW generator; 2 x STX-MAN V-18 engines rated to 12,069 hp, each driving 1 x ABB AMG 1,500 kW generator
- **Emergency Power**: 1 x Cummins V-16 engine rated to 2,547 HP driving 1 x Stamford PM34C1 1,500 kW generator
- **Power Distribution**: ABB 11 kw switchboard feeding ABB ACS 800 variable drives generator protection.

### Storage Capacities

- **Fuel Oil**: 47,435 bbl
- **Liquid Mud**: 20,917 bbl active
- **Base Oil**: 7,371 bbl
- **Brine**: 8,442 bbl
- **Drill Water**: 18,595 bbl
- **Potable Water**: 8,836 bbl
- **Bulk Material** (mud + cement): 32,000 cu.ft.
- **Sack Storage**: 200 pallets

### BOP & Subsea Equipment

- **BOP Rams**: 3 x Hydril 18-3/4 inch 15K BOP double ram preventers
- **BOP Annulars**: 2 x Hydril GX 10K annular preventers
- **BOP Handling**: NOV BOP Gauntry CraneD1255-G0001rated to 480 mt and 1 x NOV BOP trolley with integrated guidance system
- **Marine Riser**: Vetco HMF 21 inch riser 75 ft. joint length. And 2 x 15k choke and kill lines
- **Tensioners**: 14 x NOV riser tensioners rated at 250 kips each with a 50 ft line travel and a 12.5 ft stroke
- **Diverter**: Vetco CSO 72 inch diverter rated to 500 psi and has 16 inch flow lines
- **Tree Handling**: NOV Xmas tree trolley rated to 700 mt. and tree skid carts
- **Moonpool**: 73 ft. length x 42 ft. width

### Station Keeping / Propulsion System

- **Thrusters**: 6 x Rolls Royce 455 FP thrusters fully azimuthing fixed pitch and nozzled
- **DP System**: Kongsberg K-Pos DP-22 full DP DGPS system. Nautronix acoustic positioning system

### Cranes

- **Cranes #1 and #2**: 2 x NOV cranes with 147 ft. booms rated to 85 mt at a 10m radius
- **Cranes #3**: 1 x NOV crane with a 147 ft. boom rated to 100 mt at a radius of 14m
- **AHC Subsea Crane**: 1 x NOV crane with a 190 ft. boom rated to 165 mt at a 17m radius. Subsea capable to 3,048m

### Other Information

- **Helideck**: Rated for Sikorsky S-61 and S-92 helicopters. 72 ft. in diameter.

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Revision Date: 23 June 2014
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