These specifications are intended for general reference purposes only, actual equipment may vary upon the contract situation and customer needs.
### GENERAL DESCRIPTION

**Design** ........................................... Enhanced Victory Class

**Year Entered Service** .................................................. 2014

**Classification** ........................................... ABS, +A1 Column Stabilized Drilling Unit

**Dimensions** ........................................... 361 ft. long x 320 ft. wide x 128 ft. high

**Draft** ........................................... 76 ft. operating / 28 ft. transit

**Displacement** ........................................... 49,855LT operating

**Variable Deck** ........................................... 7,000LT operating

**Transit Speed** ........................................... up to 3.8 knots

**Water Depths** ........................................... 6,000 ft. designed / 5,000 ft. outfitted

**Drilling Depth** ........................................... 30,000 ft.

### DRILLING EQUIPMENT

**Derrick**  NOV, 185 ft. high with 40 ft. x 40 ft. base, load capacity of 2,000 kips

**Drawworks**  NOV UDBEL 2040, four DC electric motors, 1,000hp each, with 2” drilling line

**Compensator**  NOV drill string motion compensator, 800 kips compensating capacity, 25 ft. stroke

**Rotary Table**  NOV RST, 49 ½”

**Top Drive**  NOV TDX-1000, 1,000T with pipe handler

**Tubular handling**  1 x NOV ST-160 Iron Roughneck for tubular range 3 7/8” to 10” and casing range 5” to 22” + 1 x ST-120 Iron Roughneck tubular range 3 1/2” to 10” for offline stand building + NOV BR-10-SD-D bridge racker + NOV 8026 TorqueMaster Bucking Machine

**Mud Pumps**  4 x NOV 14-P 220, 2,200hp each, 7,500 psi

### POWER EQUIPMENT

**Main Power**  5 x Caterpillar C175 Tier II diesel engines rated 2,400hp each with 4,160 VAC generators

**Emergency Power**  1 x Caterpillar C32 engine rated 720kW

### STORAGE CAPACITIES

<table>
<thead>
<tr>
<th>Material</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid Mud</td>
<td>10,798 bbls</td>
</tr>
<tr>
<td>Base Oil</td>
<td>3,315 bbls</td>
</tr>
<tr>
<td>Brine</td>
<td>2,000 bbls</td>
</tr>
<tr>
<td>Drill Water</td>
<td>15,456 bbls</td>
</tr>
<tr>
<td>Potable Water</td>
<td>1,002 bbls</td>
</tr>
<tr>
<td>Bulk Material</td>
<td>27,010 cu ft. (mud + cement)</td>
</tr>
<tr>
<td>Sack Storage</td>
<td>5,000 sacks</td>
</tr>
</tbody>
</table>

### CRANES

- 1 x 56 tons Seatrax 6032 with 150 ft. boom
- 1 x 56 tons Seatrax 7224 with 160 ft. boom
- 1 x 68 tons Seatrax 9040 with 160 ft. boom
- 1 x 34.4 tons NOV knuckle-boom crane for riser and tubular handling

### SUBSEA EQUIPMENT

<table>
<thead>
<tr>
<th>Component</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diverter</td>
<td>Vetco 24” (ID) 500 psi with 16” flow line</td>
</tr>
<tr>
<td>BOP Stack</td>
<td>Shaffer NXT-M 18 ¾” 15,000 psi five-ram preventer</td>
</tr>
<tr>
<td></td>
<td>Shaffer dual 18 ¾” 10,000 psi annular preventers</td>
</tr>
<tr>
<td></td>
<td>API53 compliant</td>
</tr>
<tr>
<td>C&amp;K Manifold</td>
<td>3 1/16”, 15,000 psi</td>
</tr>
<tr>
<td>Marine Riser</td>
<td>Shaffer FT-E, 75 ft. long per joint</td>
</tr>
<tr>
<td>Tensioners</td>
<td>8 x 200 kips Dual Rucker wireline riser tensioners. Total capacity 1,600 kips with 50 ft. of wire travel</td>
</tr>
<tr>
<td>Moonpool</td>
<td>22 ft. x 81 ft.</td>
</tr>
</tbody>
</table>

### MOORING SYSTEM

**Mooring System**  (8) 3 ¾” x 4,200 ft. RQ5 chains, (8) 3 ¾” x 8,800 ft. wires, (8) 15T Stevpris MK6 anchors

### OTHER INFORMATION

<table>
<thead>
<tr>
<th>Information</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accommodation</td>
<td>140 people; NR-30 compliant</td>
</tr>
<tr>
<td>Helideck</td>
<td>Sikorsky S-92; CAP 437 compliant</td>
</tr>
</tbody>
</table>
## GENERAL DESCRIPTION

### Design
- Gusto P10,000 DW

### Year Entered Service
- 2014

### Classification
- ABS, +A1, Drillship, Helidk, +AMS, +ACCU, +CDS, + DPS-3, SH-DLA, GP

### Dimensions
- 757 ft long x 118 ft wide x 59 ft deep

### Draft
- 36 ft operating and transit

### Displacement
- 70,333T operating

### Variable Deck
- 34,896T operating

### Transit Speed
- up to 12.5 knots

### Water Depths
- 12,000 ft designed / 10,000 ft outfitted

### Drilling Depth
- 40,000 ft

## DRILLING EQUIPMENT

### Derrick
- NOV Dual Bottleneck, 210 ft high with 80 ft x 60 ft base, combined hook load capacity of 4,000 kips

### Drawworks
- **Main**: NOV / AHD 1250, six AC electric motors, 9,000hp total, 1,250T with sixteen 2 1/8" drilling lines
- **Aux**: NOV / AHD 750, five AC electric motors, 5,750hp total, 750T with fourteen 1 ¾" drilling lines

### Compensator
- Active Heave Compensating Drawworks

### Rotary Table
- **Main**: NOV RST 75 ½" hydraulic, 1,375T static
- **Aux**: NOV RST 60 ½" hydraulic, 1,000T static

### Top Drive
- **Main**: NOV TDX-1250, 1,250T with 7,500 psi
- **Aux**: NOV TDS-8SA. 750T with 7,500 psi

### Tubular handling
- 2 x NOV MPT ‘Hydraulic Roughneck’ for tubular range 3 ½” to 9 ¾” + 2 x NOV HR IV-ER

### Mud Pumps
- 5 x NOV 14-P-220, 2,200hp, 7,500 psi

## POWER EQUIPMENT

### Main Power
- 6 x Himsen diesel engines rated 4,300kW, each driving 5,375 kVA AC generators
- 2 x Himsen V-type diesel engines rated 8,700kW, each driving 10,875 kVA AC generators

### Emergency Power
- V-type Cummins diesel engine rated 1,900kW driving 1 x STX engine rated 1500kWAC generator

## STORAGE CAPACITIES

### Liquid Mud
- 15,204 bbls

### Base Oil
- 7,209 bbls

### Brine
- 13,175 bbls

### Drill Water
- 18,593 bbls

### Potable Water
- 8,834 bbls

### Bulk Storage
- 16,513 ft³ (barite + bentonite) + 15,891 ft³ (cement)

### Sack Storage
- 6,000 sacks

## CRANES

### Knuckle-boom
- 1 x 100 ton + 2 x 85 ton knuckle-boom

### AHC Subsea
- 165 ton Active Heave Compensation knuckle-boom

## SUBSEA EQUIPMENT

### Diverter
- Vetco CSO 21½” 500 psi diverter with 1 x 20” flow line + 2 x 16” overboard diverter lines

### BOP Stacks (2)
- Hydril 18 ¾” 15,000 psi seven-ram preventer
  - 2 x Hydril 18 ¾” 10,000 psi annular preventers
  - APIS53 compliant

### C&K Manifold
- 3 1/16", 15,000 psi

### Marine Riser
- Vetco HMF Class H 21", 75 ft long per joint

### Tensioners
- 16 x 225 kips NOV wireline riser tensioners. Total capacity 3,600 kips with 50 ft of wire travel

### Moonpool
- 73 ft x 42 ft

## STATION KEEPING / PROPULSION SYSTEM

### Thrusters
- 6 x Thrustmaster, 5,000kW azimuth thrusters with fixed pitch variable speed propellers

### DP System
- Kongsberg K-POS

## OTHER INFORMATION

### Dual Activity
- Yes

### Accommodation
- 210 people

### Helideck
- Sikorsky S-61 & S-92, CAP 437 compliant

These specifications are intended for general reference purposes only, actual equipment may vary upon the contract situation and customer needs.
# General Description

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design</td>
<td>Gusto P10,000 DW</td>
</tr>
<tr>
<td>Year Entered Service</td>
<td>2015</td>
</tr>
<tr>
<td>Classification</td>
<td>ABS, +A1, Drillship, Helidk, +AMS, +ACCU, +CDS, + DPS-3, SH-DLA, GP</td>
</tr>
<tr>
<td>Dimensions</td>
<td>754 ft long x 118 ft wide x 59 ft deep</td>
</tr>
<tr>
<td>Draft</td>
<td>36 ft operating / 29 ft transit</td>
</tr>
<tr>
<td>Variable Deck</td>
<td>70,000T operating</td>
</tr>
<tr>
<td>Transit Speed</td>
<td>up to 12.5 knots</td>
</tr>
<tr>
<td>Drilling Depth</td>
<td>40,000 ft</td>
</tr>
</tbody>
</table>

## DRILLING EQUIPMENT

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Derrick</td>
<td>NOV Dual Bottleneck, 210 ft high with 80 ft x 60 ft base, combined hook load capacity of 4,000 kips</td>
</tr>
<tr>
<td>Drawworks</td>
<td>(Main): NOV / AHD 1250, six AC electric motors, 9,000hp total, 1,250T with sixteen 2 1/8” drilling lines</td>
</tr>
<tr>
<td></td>
<td>(Aux): NOV / AHD 750, five AC electric motors, 5,750hp total, 750T with fourteen 1 3/4” drilling lines</td>
</tr>
<tr>
<td>Compensator</td>
<td>Active Heave Compensating Drawworks</td>
</tr>
<tr>
<td>Rotary Table</td>
<td>(Main): NOV RST 75 ½” hydraulic, 1,375T static</td>
</tr>
<tr>
<td></td>
<td>(Aux): NOV RST 60 ½” hydraulic, 1,000T static</td>
</tr>
<tr>
<td>Top Drive</td>
<td>(Main): NOV TDX-1250, 1,250T with 7,500 psi</td>
</tr>
<tr>
<td></td>
<td>(Aux): NOV TDS-85A, 750T with 7,500 psi</td>
</tr>
<tr>
<td>Tubular handling</td>
<td>2 x NOV MPT ‘Hydraulic Roughneck’ for tubular range 3 3/8” to 9 3/4” + 2 x NOV HR IV-ER</td>
</tr>
<tr>
<td>Mud Pumps</td>
<td>5 x NOV 14-P-220, 2,200hp, 7,500 psi</td>
</tr>
</tbody>
</table>

## POWER EQUIPMENT

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main Power</td>
<td>6 x Himsen diesel engines rated 4,500kW, each driving 5,375 kW AC generators</td>
</tr>
<tr>
<td></td>
<td>2 x Himsen V-type diesel engines rated 9,000kW, each driving 10,875 kVA AC generators</td>
</tr>
<tr>
<td>Emergency Power</td>
<td>V-type Cummins diesel engine rated 1,900kW driving 1 x STX engine rated 1,550kW AC generator</td>
</tr>
</tbody>
</table>

## STORAGE CAPACITIES

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid Mud</td>
<td>15,204 bbls</td>
</tr>
<tr>
<td>Base Oil</td>
<td>7,209 bbls</td>
</tr>
<tr>
<td>Brine</td>
<td>13,175 bbls</td>
</tr>
<tr>
<td>Drill Water</td>
<td>18,593 bbls</td>
</tr>
<tr>
<td>Potable Water</td>
<td>8,834 bbls</td>
</tr>
<tr>
<td>Bulk Storage</td>
<td>16,315 ft³ (barite + bentonite) + 15,891 ft³ (cement)</td>
</tr>
<tr>
<td>Sack Storage</td>
<td>6,000 sacks</td>
</tr>
</tbody>
</table>

## CRANES

<table>
<thead>
<tr>
<th>Crane</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knuckle-boom</td>
<td>1 x 100 ton + 2 x 85 ton knuckle-boom</td>
</tr>
<tr>
<td>AHC Subsea</td>
<td>165 ton Active Heave Compensation knuckle-boom</td>
</tr>
</tbody>
</table>

## SUBSEA EQUIPMENT

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diverter</td>
<td>Vetco CSO 21½” 500 psi diverter with 1 x 20” flow line + 2 x 16” overboard diverter lines</td>
</tr>
<tr>
<td>BOP Stacks (2)</td>
<td>Hydril 18 ¾” 15,000 psi seven-ram preventer</td>
</tr>
<tr>
<td></td>
<td>2 x Hydril 18 ¼” 10,000 psi annular preventers</td>
</tr>
<tr>
<td></td>
<td>API53 compliant</td>
</tr>
<tr>
<td>C&amp;K Manifold</td>
<td>3 1/16”, 15,000 psi</td>
</tr>
<tr>
<td>Marine Riser</td>
<td>Vetco HMF Class H 21”, 75 ft long per joint</td>
</tr>
<tr>
<td>Tensioners</td>
<td>16 x 225 kips NOV wireline riser tensioners. Total capacity 3,600 kips with 50 ft of wire travel</td>
</tr>
<tr>
<td>Moonpool</td>
<td>73 ft x 42 ft</td>
</tr>
</tbody>
</table>

## STATION KEEPING / PROPULSION SYSTEM

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrusters</td>
<td>6 x Thrustmaster, 5,000kW azimuth thrusters with fixed pitch variable speed propellers</td>
</tr>
<tr>
<td>DP System</td>
<td>Kongsberg K-POS</td>
</tr>
</tbody>
</table>

## OTHER INFORMATION

<table>
<thead>
<tr>
<th>Information</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual Activity</td>
<td>Yes</td>
</tr>
<tr>
<td>Accommodation</td>
<td>210 people</td>
</tr>
<tr>
<td>Helideck</td>
<td>Sikorsky S-61 &amp; S-92, CAP 437 compliant</td>
</tr>
</tbody>
</table>
# Ocean Black Lion

## General Description

**Design**: Gusto P10,000 DW

**Year Entered Service**: 2015

**Classification**: ABS, +A1, Drillship, Helidk, +AMS, +ACCU, +CDS, +DPS-3, SH-DLA, GP

**Dimensions**: 757 ft long x 118 ft wide x 60 ft deep

**Draft**: 36 ft operating / 32 ft transit

**Displacement**: 70,333T operating, 22,045T variable deck

**Transit Speed**: up to 12.5 knots

**Water Depths**: 12,000 ft designed / 10,000 ft outfitted

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

## Drilling Equipment

- **Derrick**: NOV Dual Bottleneck, 210 ft. high with 80 ft. x 60 ft. base, combined hook load capacity of 4,000 kips
- **Drawworks**: (Main): NOV / AHD 1250, six AC electric motors, 9,000hp total, 1,250T with sixteen 2 1/8" drilling lines
  - (Aux): NOV / AHD 750, five AC electric motors, 5,750hp total, 750T with fourteen 1 ¾" drilling lines
- **Compensator**: Active Heave Compensating Drawworks
- **Rotary Table**: (Main): NOV RST 75 ½” hydraulic, 1,375T static
  - (Aux): NOV RST 60 ½” hydraulic, 1,000T static
- **Top Drive**: (Main): NOV TDX-1250, 1,250T with 7,500 psi
  - (Aux): NOV TDS-8SA, 750T with 7,500 psi
- **Tubular Handling**: 2 x NOV MPT ‘Hydraulic Roughneck’ for tubular range 3 ½” to 9 ½” + 2 x NOV HR IV-ER
- **Mud Pumps**: 5 x NOV 14-P-220, 2,200hp, 7,500 psi

## Power Equipment

- **Main Power**: 6 x Himsen diesel engines rated 4,500kW, each driving 5,375 kVA AC generators
  - 2 x Himsen V-type diesel engines rated 9,000kW, each driving 10,875 kVA AC generators
- **Emergency Power**: V-type Cummins diesel engine rated 1,900kW driving 1 x STX engine rated 1,550kW AC generator

## Storage Capacities

- **Liquid Mud**: 15,204 bbls
- **Base Oil**: 7,209 bbls
- **Brine**: 13,175 bbls
- **Drill Water**: 18,593 bbls
- **Potable Water**: 8,834 bbls
- **Bulk Storage**: 16,315 ft³ (barite + bentonite) + 15,891 ft³ (cement)
- **Sack Storage**: 6,000 sacks

## CRANES

- **Knuckle-boom**: 1 x 100 ton + 2 x 85 ton knuckle-boom
- **AHC Subsea**: 165 ton Active Heave Compensation knuckle-boom

## Subsea Equipment

- **Diverter**: Vetco CSO 21¼” 500 psi diverter with 1 x 20” flow line + 2 x 16” overboard diverter lines
- **BOP Stacks (2)**: Hydril 18 ½” 15,000 psi seven-ram preventer + 2 x Hydril 18 ¾” 10,000 psi annular preventers
  - API53 compliant
- **C&K Manifold**: 3 1/16", 15,000 psi
- **Marine Riser**: Vetco HMF Class H 21", 75 ft long per joint
- **Tensioners**: 16 x 225 kips NOV wireline riser tensioners. Total capacity 3,600 kips with 50 ft of wire travel
- **Moonpool**: 73 ft. x 42 ft.

## Station Keeping / Propulsion System

- **Thrusters**: 6 x Thrustmaster, 5,000kW azimuth thrusters with fixed pitch variable speed propellers
- **DP System**: Kongsberg K-POS

## Other Information

- **Dual Activity**: Yes
- **Accommodation**: 210 people
- **Helideck**: Sikorsky S-61 & S-92, CAP 437 compliant

These specifications are intended for general reference purposes only, actual equipment may vary upon the contract situation and customer needs.
GENERAL DESCRIPTION

Design: Gusto P10,000 DW
Year Entered Service: 2015

Classification: ABS, +A1, Drillship, Helidk, +AMS, +ACCU, +CDS, + DPS-3, SH-DLA, GP

Dimensions: 754 ft long x 118 ft wide x 59 ft deep
Draft: 36 ft operating / 29 ft transit
Displacement: 70,000T operating
Variable Deck: 22,045T operating
Transit Speed: up to 12.5 knots
Water Depths: 12,000 ft designed / 10,000 ft outfitted
Drilling Depth: 40,000 ft

DRILLING EQUIPMENT

Derrick: NOV Dual Bottleneck, 210 ft high with 80 ft x 60 ft base
Drawworks: (Main): NOV / AHD 1250, six AC electric motors, 9,000hp total, 1,250T with sixteen 2 1/8" drilling lines
           (Aux): NOV / AHD 750, five AC electric motors, 5,750hp total, 750T with fourteen 1 ¾" drilling lines
Compensator: Active Heave Compensating Drawworks
Rotary Table: (Main): NOV RST 75 ½" hydraulic, 1,375T static
           (Aux): NOV RST 60 ½" hydraulic, 1,000T static
Top Drive: (Main): NOV TDX-1250, 1,250T with 7,500 psi
           (Aux): NOV TDS-8SA. 750T with 7,500 psi
Tubular handling: 2 x NOV MPT ‘Hydraulic Roughneck’ for tubular range 3 ½” to 9 ¼” + 2 x NOV HR IV-ER
Mud Pumps: 5 x NOV 14-P-220, 2,200hp, 7,500 psi

POWER EQUIPMENT

Main Power: 6 x Himsen diesel engines rated 4,500kW, each driving 5,375 kVA AC generators
           2 x Himsen V-type diesel engines rated 9,000kW, each driving 10,875 kVA AC generators
Emergency Power: V-type Cummins diesel engine rated 1,900kW driving 1 x STX engine rated 1,550kW AC generator

STORAGE CAPACITIES

Liquid Mud: 15,204 bbls
Base Oil: 7,209 bbls
Brine: 13,175 bbls
Drill Water: 18,593 bbls
Potable Water: 8,834 bbls
Bulk Storage: 16,315 ft³ (barite + bentonite) + 15,891 ft³ (cement)
Sack Storage: 6,000 sacks

CRANES

Knuckle-boom: 1 x 100 ton + 2 x 85 ton knuckle-boom
AHC Subsea: 165 ton Active Heave Compensation knuckle-boom

SUBSEA EQUIPMENT

Diverter: Vetco CSO 21¼” 500 psi diverter with 1 x 20” flow line + 2 x 16” overboard diverter lines
BOP Stacks (2): Hydril 18 ½” 15,000 psi seven-ram preventer
               2 x Hydril 18 ¾” 10,000 psi annular preventers
               API53 compliant
C&K Manifold: 3 1/16”, 15,000 psi
Marine Riser: Vetco HMF Class H 21”, 75 ft long per joint
Tensioners: 16 x 225 kips NOV wireline riser tensioners. Total capacity 3,600 kips with 50 ft of wire travel
Moonpool: 73 ft x 42 ft

STATION KEEPING / PROPULSION SYSTEM

Thrusters: 6 x Thrustmaster, 5,000kW azimuth thrusters with fixed pitch variable speed propellers
DP System: Kongsberg K-POS

OTHER INFORMATION

Dual Activity: Yes
Accommodation: 210 people
Helideck: Sikorsky S-61 & S-92, CAP 437 compliant

These specifications are intended for general reference purposes only, actual equipment may vary upon the contract situation and customer needs.
These specifications are intended for general reference purposes only, actual equipment may vary upon the contract situation and customer needs.
### GENERAL DESCRIPTION

**Design**: F&G ExD Millennium  
**Year Entered Service**: 2009  
**Classification**: ABS, Column Stabilized Unit, DP Class 2  
**Dimensions**: 244 ft long x 244 ft wide x 127 ft high  
**Draft**: 65 ft operating / 27 ft transit  
**Displacement**: 46,500mT operating, 8,100mT operating  
**Transit Speed**: up to 4.5 knots  
**Water Depth**: 10,000 ft  
**Drilling Depth**: 40,000 ft  

### DRILLING EQUIPMENT

- **Derrick**: MH Hi-Pro Quad 210 ft high with 46 ft x 52 ft base, gross nominal hook load capacity of 2,500 kips  
- **Drawworks**: Wirth GH-4500, three AC motors, 1,500hp each, with 2” drilling line  
- **Compensator**: Active/Passive compensator, 1,500 kips capacity with 25 ft stroke  
- **Rotary Table**: Wirth RTSS, 60 ¾”  
- **Top Drive**: Maritime Hydraulics DDM-1000-AC-2M, 1,000T  
- **Tubular handling**: Maritime Hydraulics Iron Roughneck for tubular range 3 ½” to 9 ¾” (1 on Rotary and 1 on Stand Builder)  
- **Mud Pumps**: 4 x Wirth TPK 2,200hp triplex mud pumps, 7,500 psi  

### POWER EQUIPMENT

- **Main Power**: 8 x Caterpillar 3616 C280 diesel engines rated 4,800 kW @ 900 rpm  
- **Emergency Power**: Caterpillar 3512 diesel engine rated 1,300 kW @ 1,800 rpm  

### STORAGE CAPACITIES

- **Liquid Mud**: 17,315 bbls  
- **Base Oil**: 4,723 bbls  
- **Brine**: 4,801 bbls  
- **Drill Water**: 14,615 bbls  
- **Potable Water**: 10,997 bbls  
- **Bulk Material**: 34,110 cu ft (mud + cement)  
- **Sack Storage**: 3,050 sacks

### CRANES

- **2 x 100 ton Seatrax S10832 with 170 ft boom**  
- **1 x 15 ton Maritime Hydraulics knuckle-boom**

### SUBSEA EQUIPMENT

- **Diverter**: Vetco KFDS-CSO 21 ¾” 500 psi with 16” flow line  
- **BOP Stack**: Cameron TL 18 ¾” 15,000 psi six-ram preventer  
- **2 x Cameron DL 18 ¾” 10,000 psi annular preventers**  
- **C&K Manifold**: API53 compliant  
- **Marine Riser**: Cameron 21” Load King, 75 ft per joint, 4 ½” C&K lines  
- **Tensioners**: 6 x 600 kips. Total capacity 3,600 kips with 50 ft stroke  
- **Moonpool**: 37 ft x 119 ft

### STATION KEEPING / PROPULSION SYSTEM

- **Thrusters**: 8 x 3.8MW variable speed, fixed pitch, fully azimuthing  
- **DP System**: Kongsberg K-POS

### OTHER INFORMATION

- **Accommodation**: 164 people  
- **Helideck**: Eurocopter EH-101, CAP 437 and NORMAM 27 compliant

These specifications are intended for general reference purposes only, actual equipment may vary upon the contract situation and customer needs.
GENERAL DESCRIPTION

Design .................................................................................. Odeco Victory
Year Entered Service .......................................................... Upgraded 2007
Classification .......................................................... ABS, +A1 Column Stabilized Drilling Unit
Dimensions .......................................................... 351 ft. long x 356 ft. wide x 128 ft. high
Draft .......................................................... 74.6 ft. operating / 41.6 ft. transit
Displacement .......................................................... 42,569LT operating
Variable Deck .......................................................... 42,569LT operating
Transit Speed .......................................................... 3 knots
Water Depths .......................................................... 10,000 ft. designed / 5,000 ft. outfitted
Drilling Depth .......................................................... 35,000 ft.

DRILLING EQUIPMENT

Derrick NOV, 170 ft. high with 48 ft. x 46 ft. base, static hook load capacity of 2,000 kips
Drawworks National Oilwell 2040-UDBEL(L), four DC electric motors, 1,000hp each, with 2” drilling line
Compensator NOV drill string motion compensator, 1,000 kips capacity with 25 ft. stroke
Rotary Table NOV T-6050, 60 ½”
Top Drive NOV PS2-1000, 1,000 ton
Tubular handling NOV T4064 Hydratong for tubular range 3 ½” to 9 ¾” + NOV Upper and Lower Rackers
Mud Pumps 4 x NOV 14-P -220 triplex, 2,200hp, 7,500 psi

POWER EQUIPMENT

Main Power 7 x Caterpillar 3516B diesel engines rated 1,511kW @ 1,200 rpm, each driving Kato 1,530 kW
Emergency Power Caterpillar 3412 Caterpillar Marine generator rated 550 kW

STORAGE CAPACITIES

Liquid Mud .......................................................... 10,115 bbls
Base Oil .......................................................... 3,200 bbls
Brine .......................................................... 3,200 bbls
Drill Water .......................................................... 13,165 bbls
Potable Water .......................................................... 2,900 bbls
Bulk Material .......................................................... 21,740 cu ft. (mud + cement)
Sack Storage .......................................................... 6,000 sacks

CRANES

2 x 90 ton Seatrax 9040 with 180 ft. boom
1 x 65 ton Seatrax 7226 with 160 ft. boom

SUBSEA EQUIPMENT

Diverter Vetco CSO 21 ¾”, 2,000 psi diverter with 20” flow line
BOP Stack Hydril 18 ¾” 15,000 psi five-ram preventer
2 x Hydril 18 ¾” 10,000 psi annular preventers
API53 compliant
C&K Manifold 8 x 3 1/16”, 15,000 psi
Marine Riser Shaffer 21” FT-GB, 75ft long per joint
Tensioners NOV six-independent N-line tensioning system. Total capacity 18,000 kips with 50 ft. stroke
Moonpool 85 ft. x 25 ft.

MOORING SYSTEM

Mooring System (8) Amclyde CTW 350/52 combination chain/wire mooring winches. Stall tension: 718 kips, (2) towing pendant lines, 3 ½” x 200 ft. with tri-plate, (1) 3 ½” x 50’ bridal, (2) 3 ¼” x 200 ft. emergency tow lines

OTHER INFORMATION

Accommodation 140 people
Helideck Sikorsky S-92A 23M Octogon, CAP 437 compliant
# GENERAL DESCRIPTION

**Design**
Moss CS60E Design 6th Generation, Harsh Environment

**Year Entered Service**
2016

**Classification**
DNV +1A1 Column Stabilized Drilling Unit

**Dimensions**
402 ft long x 255 ft wide

**Draft**
77 ft operating

**Displacement**
67,400T operating

**Variable Deck**
7,500T operating

**Transit Speed**
about 8 knots

**Water Depths**
10,000 ft

**Drilling Depth**
35,000 ft

# DRILLING EQUIPMENT

**Derrick**
NOV, 210 ft high with 49 ft x 52.5 ft base, load capacity of 2,500kip, capable of 900T setback (35,000 ft)

**Drawworks**
NOV SSGD, five AC electric motors, 1,150hp each, 2,000kip capacity, fourteen 2” drilling line

**Compensator**
NOV 1,000t static, 500t dynamic capacity, 25ft stroke with Active Heave Compensation

**Rotary Table**
NOV, 60 ½”, 1,250t

**Top Drive**
NOV TDX-1000, 1,000t

**Tubular handling**
2 x NOV ARN-270 Iron Roughneck with full offline standbuilding + 2 x NOV Vertical Hydrarackers-IV-ER

**Mud Pumps**
4 x NOV 14 P-220, 2,200hp each, 7,500 psi

# POWER EQUIPMENT

**Main Power**
8 x HHI HiMSEN 12H32 Tier II diesel engines rated approx. 6,120 kVA AC generators

# STORAGE CAPACITIES

**Liquid Mud (mud pits + pontoons)**
13,332 bbls

**Base Oil**
3,962 bbls

**Brine**
3,962 bbls

**Drill Water**
12,326 bbls

**Potable Water**
5,220 bbls

**Bulk Material**
30,366 cu ft (mud + cement)

**Sack Storage**
5,000 sacks

# CRANES

2 x 100T Seatrax 10832 with 200 ft boom
1 x 12T NOV knuckle-boom crane for tubular handling
1 x NOV gantry crane for riser handling

# SUBSEA EQUIPMENT

**Diverter**
60” Shaffer 21 ⅛”, 500 psi with 18” flow line

**BOP Stack**
Shaffer 18 ⅝”, 15,000 psi six-ram preventer
3 x NXT Double 22” Operators LFSR-CVX
APIS53 compliant

**C&K Manifold**
3 1/16”, 15,000 psi

**Marine Riser**
Shaffer FT-H 10,000ft, 21” OD, 75 ft long per joint

**Tensioners**
8 x 450 kip double wireline riser tensioners, Total capacity 3,600 kips with 50 ft of wire travel

**Moonpool**
29.5 ft x 91.8 ft

# STATION KEEPING SYSTEM

**Thrusters**
8 x 4,800KW / 95mT per thruster

**DP System**
Kongsberg, DP-3, DYNPOS-AUTRO, DYNPOS-ER

**Mooring System**
Fitted with (2) 84mm x 320m R5 chains w/ 18mT Stevpris Mk6 anchors for harbor mooring on the bow and 2 x 82.5mm x 450m RQ-4 chains w/15mT Stevpris Mk6 anchors on the aft, capacity for (8) 84mm x 2,200m R5 chain

# OTHER INFORMATION

**Accommodation**
180 people

**Helideck**
EH-101 or S-92; CAP 437 compliant

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These specifications are intended for general reference purposes only, actual equipment may vary upon the contract situation and customer needs.
GENERAL DESCRIPTION

Design ...................................................... Enhanced Victory Class
Year Entered Service ........................................... Upgraded 2008
Classification .................................................... ABS, +A1 Column Stabilized Drilling Unit
Dimensions...... 351 ft long x 356 ft wide (including helideck) x 128 ft high
Draft................................. 74.5 ft operating / 41.5 ft transit
Displacement................................................. 42,569T operating
Variable Deck............................. 6,000T operating
Transit Speed ................................................. up to 4 knots
Water Depth................................. 10,000 ft design / 5,000 ft outfitted
Drilling Depth ............................................. 35,000 ft

DRILLING EQUIPMENT

Derrick ........................................... NOV, 171 ft high with 48 ft x 46 ft base, dynamic hook load capacity of 2,000 kips
Drawworks ........................................... National Oilwell 2040-UDBEL(L), four AC electric motors, 1,230hp each, with 2” drilling line
Compensator ........................................... NOV CMC-H-1000-25 crown mounted motion compensator, 1,000 kips capacity with 25 ft stroke
Rotary Table ........................................... National T6050, 60 ½"
Top Drive ........................................... National Oilwell PS2-1000, 1,000T
Tubular handling ........................................... NOV MPT Hydratong for tubular handling range 3 ½” to 9 ¾”
Mud Pumps ........................................... 4 x NOV-14P-220 triplex, 2,200hp, 7,500 psi

POWER EQUIPMENT

Main Power ........................................... 7 x Caterpillar 3516B diesel engines rated 2,150hp @ 1,200 rpm each driving 2,500 kVA generators
Emergency Power ........................................... 1 x Caterpillar 3412 diesel engine, driving 687 kVA generator.

MOORING SYSTEM

Tensioners (2) ........................................... NOV six-independent N-line tensioning system. (Set 1) Total capacity 1,800 kips with 50 ft stroke (Set 2) Total capacity 3,600 kips with 50 ft stroke
Moonpool ........................................... 91 ft x 25 ft

SUBSEA EQUIPMENT

Diverter ........................................... Vetco CSO 21 ¼” 2,000 psi
BOP Stack (2) ........................................... Hydrl 18 ¾” 15,000 psi four-ram preventer
................................................... Shaffer 18 ½” 5,000 psi dual annular preventers
................................................... 2 x Hydrl 18 ¾” 10,000 psi annular preventers
................................................... APIS53 compliant
C&K Manifold ........................................... 3 1/16”, 15,000 psi
Marine Riser ........................................... Shaffer FT-BG 21”, 75 ft long per joint
Tensioners (2) ........................................... NOV six-independent N-line tensioning system. (Set 1) Total capacity 1,800 kips with 50 ft stroke (Set 2) Total capacity 3,600 kips with 50 ft stroke
Moonpool ........................................... 91 ft x 25 ft

STORAGE CAPACITIES

Liquid Mud ........................................... 9,883 bbls
Base Oil ........................................... 3,200 bbls
Fuel Oil ........................................... 6,895 bbls
Brine ........................................... 3,200 bbls
Drill Water ........................................... 12,915 bbls
Potable Water ........................................... 2,900 bbls
Bulk Material ........................................... 13,380 cu ft (mud) + 11,000 cu ft (cement)
Sack Storage ........................................... 6,000 sacks

CRANES

2 x 90 ton Seatrax S9040 with 180 ft boom
1 x 65 ton Seatrax S7226 with 160 ft boom

OTHER INFORMATION

Accommodation ........................................... 150 people (148 with Prayer Room)
Helideck ........................................... Sikorsky S-92, CAP 437 compliant

These specifications are intended for general reference purposes only, actual equipment may vary upon the contract situation and customer needs.
**GENERAL DESCRIPTION**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
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<tbody>
<tr>
<td><strong>Design</strong></td>
<td>Victory Class</td>
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<tr>
<td><strong>Year Entered Service</strong></td>
<td>2013</td>
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<tr>
<td><strong>Classification</strong></td>
<td>ABS, Column Stabilized Drilling Unit</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>327 ft long x 315 ft wide x 128 ft high</td>
</tr>
<tr>
<td><strong>Draft</strong></td>
<td>74.5 ft operating / 41.6 ft transit</td>
</tr>
<tr>
<td><strong>Displacement</strong></td>
<td>35,375 ton operating</td>
</tr>
<tr>
<td><strong>Variable Deck</strong></td>
<td>5,600 sT operating</td>
</tr>
<tr>
<td><strong>Transit Speed</strong></td>
<td>up to 4 knots</td>
</tr>
<tr>
<td><strong>Water Depth</strong></td>
<td>6,000 ft</td>
</tr>
<tr>
<td><strong>Drilling Depth</strong></td>
<td>30,000 ft</td>
</tr>
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</table>

**DRILLING EQUIPMENT**

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Derrick</strong></td>
<td>NOV Dreco, 180 ft high with 40 ft x 40 ft base, combined static hook load capacity of 1,600 kips</td>
</tr>
<tr>
<td><strong>Drawworks</strong></td>
<td>Continental Emsco C-3-II, 3 DC electric motors, 1,000hp each, with 1 3/4” drilling line</td>
</tr>
<tr>
<td><strong>Compensator</strong></td>
<td>NOV drill string motion compensator, 600 kips capacity, 25 ft stroke</td>
</tr>
<tr>
<td><strong>Rotary Table</strong></td>
<td>NOV RST, 49 ½”</td>
</tr>
<tr>
<td><strong>Top Drive</strong></td>
<td>NOV TDS-4S, 750 ton with PH-85 pipe handler</td>
</tr>
<tr>
<td><strong>Tubular handling</strong></td>
<td>NOV ST-120 Iron Roughneck for tubular range 3 ½” to 9 ½”</td>
</tr>
<tr>
<td><strong>Mud Pumps</strong></td>
<td>4 x NOV 12-P-160, 1,600hp, 7,500 psi</td>
</tr>
</tbody>
</table>

**POWER EQUIPMENT**

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Main Power</strong></td>
<td>5 x Caterpillar 3516C Tier II diesel engines rated 2,150hp each driving 600 V AC generators</td>
</tr>
<tr>
<td><strong>Emergency Power</strong></td>
<td>Caterpillar c32 engine rated 720 kW driving Kato 4p6-2450 900 kVA generator</td>
</tr>
</tbody>
</table>

**STORAGE CAPACITIES**

<table>
<thead>
<tr>
<th>Type</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid Mud</td>
<td>7,590 bbls</td>
</tr>
<tr>
<td>Base Oil</td>
<td>3,200 bbls</td>
</tr>
<tr>
<td>Brine</td>
<td>3,210 bbls</td>
</tr>
<tr>
<td>Drill Water</td>
<td>11,467 bbls</td>
</tr>
<tr>
<td>Potable Water</td>
<td>2,982 bbls</td>
</tr>
<tr>
<td>Bulk Material</td>
<td>13,800 cu ft (mud + cement)</td>
</tr>
<tr>
<td>Sack Storage</td>
<td>4,000 sacks</td>
</tr>
</tbody>
</table>

**CRANES**

- 2 x 60 ton Seatrax 6032 with 140 ft boom
- 1 x 75 ton Seatrax 9028 with 160 ft boom
- 1 x 35 mT NOV 3426 knuckle boom crane

**SUBSEA EQUIPMENT**

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Diverter</strong></td>
<td>Vetco 49 ½” 500 psi with 16” flow line</td>
</tr>
<tr>
<td><strong>BOP Stack</strong></td>
<td>Shaffer 18 ¾” 15,000 psi five-ram preventer</td>
</tr>
<tr>
<td><strong>C&amp;K Manifold</strong></td>
<td>3 1/16”, 15,000 psi</td>
</tr>
<tr>
<td><strong>Marine Riser</strong></td>
<td>Shaffer FT-E, 75 ft long per joint</td>
</tr>
<tr>
<td><strong>Tensioners</strong></td>
<td>8 x 200 kips Dual Rucker wireline riser tensioners. Total capacity 1,600 kips with 50 ft of wire travel</td>
</tr>
<tr>
<td><strong>Moonpool</strong></td>
<td>41 ft X 81 ft</td>
</tr>
</tbody>
</table>

**MOORING SYSTEM**

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mooring System</strong></td>
<td>(8) 3 ¾” x 3,800 ft RQ4 chains, (8) 3 ½” x 8,800 ft wires, (8) 15mT Bruce MK-6 anchors</td>
</tr>
</tbody>
</table>

**OTHER INFORMATION**

<table>
<thead>
<tr>
<th>Category</th>
<th>Details</th>
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<tbody>
<tr>
<td><strong>Accommodation</strong></td>
<td>140 people</td>
</tr>
<tr>
<td><strong>Helideck</strong></td>
<td>Sikorsky S-92, CAP 437 compliant</td>
</tr>
</tbody>
</table>
These specifications are intended for general reference purposes only, actual equipment may vary upon the contract situation and customer needs.
**GENERAL DESCRIPTION**

**Design**
Enhanced Victory Class

**Year Entered Service**
Upgraded 2003

**Classification**
ABS, +A1 Column Stabilized Drilling Unit

**Dimensions**
335 ft long x 323 ft wide x 128 ft high

**Draft**
74 ft operating / 41 ft transit

**Displacement**
35,075 LT operating

**Variable Deck**
6,160T operating

**Transit Speed**
3.5 to 4 knots

**Water Depth**
8,000 ft

**Drilling Depth**
30,000 ft

**DRILLING EQUIPMENT**

**Derrick**
Dreco 170 ft high with 48 ft x 46 ft base, gross nominal capacity of 2,000 kips

**Drawworks**
National Oilwell 2040 UDBEL, 4,000hp, with 2” drilling line

**Compensator**
Hydralift crown-mounted compensator, 2,000 kips with 25 ft stroke

**Rotary Table**
National Oilwell T-6050, 60 ½”

**Top Drive**
National Oilwell PS2-1000, 1,000T

**Tubular handling**
Hydralift Iron Roughneck for tubular range 3 ½” to 9 ¼”

**Mud Pumps**
3 x NOV FC-2200 with 2,200hp, 7,500 psi + FB-1600 with 1,600hp, 5,000 psi

**POWER EQUIPMENT**

**Main Power**
4 x EMD ME-16F7B diesel engines each driving 2,450 kW AC generators

**Emergency Power**
Caterpillar 3412 diesel engine rated 550 kW @ 1,800 rpm + Kato AC generator

**STORAGE CAPACITIES**

**Liquid Mud**
6,940 bbls

**Base Oil**
3,210 bbls

**Brine**
3,210 bbls

**Drill Water**
11,470 bbls

**Potable Water**
2,100 bbls

**Bulk Material**
17,035 cu ft (mud + cement)

**Sack Storage**
6,000 sacks

**CRANES**

1 x 100 ton Liebherr MTC 2600-100D with 140 ft boom

1 x 60 ton Liebherr MTC-1400-60D with 140 ft boom

1 x 60 ton Liebherr MTC-1400-60D with 160 ft boom

1 x 5 ton Hydralift knuckle-boom with 82 ft boom

**SUBSEA EQUIPMENT**

**Diverter**
NOV 21 ¼” 500 psi diverter with 20” flow line

**BOP Stack**
Hydril 18 ¾” 15,000 psi five-ram preventer

2 x Hydril 18 ¾" 10,000 psi annular preventers

APIS53 compliant

**C&K Manifold**
3 1/16", 15,000 psi

**Marine Riser**
Shaffer FT-GB 21”, 75 ft long per joint

**Tensioners**
6 x 600 kips NOV N-line tensioners. Total 3,600 kips with 50 ft stroke

**Moonpool**
25 ft x 91 ft

**MOORING SYSTEM**

**Mooring System**
(8) 3 ¼” x 4,170 ft ORQ + 20 stud link chains, (8) 3 ½” x 10,000 ft wires, (8) 11T Stevpris MK V anchors

**OTHER INFORMATION**

**Accommodation**
145 people

**Helideck**
Sikorsky S-61-N, I.C.A.O. 2009 compliant

These specifications are intended for general reference purposes only, actual equipment may vary upon the contract situation and customer needs.
<table>
<thead>
<tr>
<th><strong>GENERAL DESCRIPTION</strong></th>
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<tbody>
<tr>
<td>Design</td>
<td>Ocean Odyssey</td>
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<tr>
<td>Year Entered Service</td>
<td>1988</td>
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<tr>
<td>Classification</td>
<td>ABS, +A1 Column Stabilized Drilling Unit</td>
</tr>
<tr>
<td>Dimensions</td>
<td>401 ft long x 233 ft wide x 142 ft high</td>
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<tr>
<td>Draft</td>
<td>80 ft operating / 27 ft transit</td>
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<tr>
<td>Displacement</td>
<td>44,694T operating</td>
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<tr>
<td>Variable Deck</td>
<td>6,400T operating</td>
</tr>
<tr>
<td>Transit Speed</td>
<td>4.5 knots</td>
</tr>
<tr>
<td>Water Depths</td>
<td>5,000 ft designed / 250 ft min / 2,000 ft outfitted</td>
</tr>
<tr>
<td>Drilling Depth</td>
<td>30,000 ft</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>DRILLING EQUIPMENT</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Derrick</td>
<td>Derrick Services Limited, 185 ft high with 40 ft x 40 ft base, static hook load capacity of 1,500 kips</td>
</tr>
<tr>
<td>Drawworks</td>
<td>Continental Emsco C-3-II, two DC electric motors, 1,750hp each, with 1 5/8” drilling line</td>
</tr>
<tr>
<td>Compensator</td>
<td>Rucker/Shaffer drill string motion compensator, 600 kips capacity with 18 ft stroke</td>
</tr>
<tr>
<td>Rotary Table</td>
<td>Continental Emsco T-495, 49 1/2”</td>
</tr>
<tr>
<td>Top Drive</td>
<td>Varco TDS-4S, 650T + PH-85 pipe handler</td>
</tr>
<tr>
<td>Tubular handling</td>
<td>Varco AR3200 for tubular range 3 1/2” to 9 3/4”</td>
</tr>
<tr>
<td>Mud Pumps</td>
<td>3 x Continental Emsco FB-1600, 1,600hp, 7,500 psi</td>
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<table>
<thead>
<tr>
<th><strong>POWER EQUIPMENT</strong></th>
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</thead>
<tbody>
<tr>
<td>Main Power</td>
<td>6 x Wartsila Vasa 6R32 diesel engines rated 3,020hp @ 720 rpm each driving 2,140 kW AC generators</td>
</tr>
<tr>
<td>Emergency Power</td>
<td>Cummins KTA-50-G01 engine rated 900 kW driving Marathon 682FDR 1,125 kVA generator</td>
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<table>
<thead>
<tr>
<th><strong>STORAGE CAPACITIES</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid Mud</td>
<td>2,820 bbls</td>
</tr>
<tr>
<td>Base Oil</td>
<td>2,000 bbls</td>
</tr>
<tr>
<td>Brine</td>
<td>2,000 bbls</td>
</tr>
<tr>
<td>Drill Water</td>
<td>16,350 bbls</td>
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<tr>
<td>Potable Water</td>
<td>1,260 bbls</td>
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<tr>
<td>Bulk Material</td>
<td>24,000 cu ft (mud + cement)</td>
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<tr>
<td>Sack Storage</td>
<td>16,430 sacks</td>
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<table>
<thead>
<tr>
<th><strong>CRANES</strong></th>
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<tbody>
<tr>
<td>1 x 47 ton National OS-435 with 120 ft boom</td>
<td></td>
</tr>
<tr>
<td>1 x 62 ton Seatrax S9028 with 160 ft boom</td>
<td></td>
</tr>
<tr>
<td>1 x 56 ton Seatrax S72 with 120 ft boom</td>
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<table>
<thead>
<tr>
<th><strong>SUBSEA EQUIPMENT</strong></th>
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<tbody>
<tr>
<td>Diverter</td>
<td>Regan KFDS 24” 500 psi with 12” flow line</td>
</tr>
<tr>
<td>BOP Stack</td>
<td>Hydril 18 ⅞” 15,000 psi five ram preventer + 2 x Cameron 18 ¾” 10,000 psi annular preventers</td>
</tr>
<tr>
<td>C&amp;K Manifold</td>
<td>3 1/16”, 15,000 psi</td>
</tr>
<tr>
<td>Marine Riser</td>
<td>NOV Shaffer FT21”, 50 ft long per joint</td>
</tr>
<tr>
<td>Tensioners</td>
<td>8 x 160 kip + 4 x 80 kip Shaffer wireline tensioners. Total capacity 1,600 kips with 50 ft of wire travel</td>
</tr>
<tr>
<td>Moonpool</td>
<td>20 ft x 42 ft</td>
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<table>
<thead>
<tr>
<th><strong>MOORING SYSTEM</strong></th>
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<tbody>
<tr>
<td>Mooring System</td>
<td>(8) 3 ⅞” x 4,500 ft R4 / R5 chains, (8) 3 ⅞” x 1,600 ft wires, (8 + 4 Spare) 15T Stevris MK6 anchors, 4 additional fairleaders to enable 12-point mooring spreads</td>
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<table>
<thead>
<tr>
<th><strong>OTHER INFORMATION</strong></th>
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<tr>
<td>Accommodation</td>
<td>124 people</td>
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<tr>
<td>Helideck</td>
<td>Chinoook BV-234, CAP 437 compliant + d rating</td>
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**GENERAL DESCRIPTION**

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<tr>
<th>Specification</th>
<th>Value</th>
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<tbody>
<tr>
<td>Design</td>
<td>F&amp;G ExD Millennium</td>
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<tr>
<td>Year Entered Service</td>
<td>2009</td>
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<tr>
<td>Classification</td>
<td>ABS, +A1, Column Stabilized Drilling Unit, Circle E, +AMS, +DPS-2</td>
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<tr>
<td>Dimensions</td>
<td>244 ft long x 244 ft wide x 127 ft high</td>
</tr>
<tr>
<td>Draft</td>
<td>65 ft operating / 27 ft transit</td>
</tr>
<tr>
<td>Displacement</td>
<td>46,750 mT operating</td>
</tr>
<tr>
<td>Variable Deck</td>
<td>8,100 mT operating</td>
</tr>
<tr>
<td>Transit Speed</td>
<td>up to 4.5 knots</td>
</tr>
<tr>
<td>Water Depth</td>
<td>10,000 ft</td>
</tr>
<tr>
<td>Drilling Depths</td>
<td>40,000 ft</td>
</tr>
</tbody>
</table>

**DRILLING EQUIPMENT**

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Derrick</td>
<td>MH Hi-Pro Quad 210 ft high with 46 ft x 52 ft base, gross nominal hook capacity of 2,500 kips</td>
</tr>
<tr>
<td>Drawworks</td>
<td>Wirth GH-4500, three AC motors, 1,500 hp each, with 2&quot; drilling line</td>
</tr>
<tr>
<td>Compensator</td>
<td>Passive compensator, 1,500 kips capacity with 25 ft stroke</td>
</tr>
<tr>
<td>Rotary Table</td>
<td>Wirth RTSS, 60 ½&quot;</td>
</tr>
<tr>
<td>Top Drive</td>
<td>Maritime Hydraulics DDM-1000-AC-2M, 1,000 T</td>
</tr>
<tr>
<td>Tubular handling</td>
<td>Maritime Hydraulics Iron Roughneck for tubular range 3 ½” to 9 ¾”</td>
</tr>
<tr>
<td>Mud Pumps</td>
<td>4 x Wirth TPK 2,200 hp triplex mud pumps, 7,500 psi</td>
</tr>
</tbody>
</table>

**POWER EQUIPMENT**

<table>
<thead>
<tr>
<th>Power Source</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main Power</td>
<td>8 x Caterpillar 3616 C280 diesel engines rated 4,800 kW @ 900 rpm</td>
</tr>
<tr>
<td>Emergency Power</td>
<td>Caterpillar 3512 diesel engine rated 1,300 kW @ 1,800 rpm</td>
</tr>
</tbody>
</table>

**STORAGE CAPACITIES**

<table>
<thead>
<tr>
<th>Storage Type</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid Mud</td>
<td>17,315 bbls</td>
</tr>
<tr>
<td>Base Oil</td>
<td>4,715 bbls</td>
</tr>
<tr>
<td>Brine</td>
<td>4,800 bbls</td>
</tr>
<tr>
<td>Drill Water</td>
<td>14,610 bbls</td>
</tr>
<tr>
<td>Potable Water</td>
<td>10,675 bbls</td>
</tr>
<tr>
<td>Bulk Material</td>
<td>34,110 cu ft (mud + cement)</td>
</tr>
<tr>
<td>Sack Storage</td>
<td>3,050 sacks</td>
</tr>
</tbody>
</table>

**CRANES**

- 2 x 100 ton Seatrax S10832 with 170 ft boom
- 1 x 15 ton Maritime Hydraulics knuckle-boom

**SUBSEA EQUIPMENT**

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diverter</td>
<td>Vetco KFDS-CSO 21 ½” 500 psi with 16” flow line</td>
</tr>
<tr>
<td>BOP Stack</td>
<td>Cameron TL 18 ½” 15,000 psi six-ram preventer</td>
</tr>
<tr>
<td></td>
<td>2 x Cameron DL 18 ¾” 10,000 psi annular preventers APIS53 compliant</td>
</tr>
<tr>
<td>C&amp;K Manifold</td>
<td>4 ½”, 15,000 psi</td>
</tr>
<tr>
<td>Marine Riser</td>
<td>Cameron 21” Load King, 75 ft long per joint</td>
</tr>
<tr>
<td>Tensioners</td>
<td>6 x 600 kips. Total capacity 3,600 kips with 50 ft stroke</td>
</tr>
<tr>
<td>Moonpool</td>
<td>28 ft x 136 ft</td>
</tr>
</tbody>
</table>

**STATION KEEPING / PROPULSION SYSTEM**

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrusters</td>
<td>8 x 3.8 MW variable speed, fixed pitch, fully azimuthing8</td>
</tr>
<tr>
<td>DP System</td>
<td>Kongsberg K-POS</td>
</tr>
</tbody>
</table>

**OTHER INFORMATION**

<table>
<thead>
<tr>
<th>Information</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accommodation</td>
<td>164 people</td>
</tr>
<tr>
<td>Helideck</td>
<td>Eurocopter EH-101, CAP 437 compliant</td>
</tr>
</tbody>
</table>

These specifications are intended for general reference purposes only, actual equipment may vary upon the contract situation and customer needs.