# Ocean Onyx

## GENERAL DESCRIPTION

**Design**

Design: Victory Class

**Year Entered Service**

Year Entered Service: 2013

**Classification**

Classification: ABS, Column Stabilized Drilling Unit

**Dimensions**

Dimensions: 327 ft long x 315 ft wide x 128 ft high

**Draft**

Draft: 74.5 ft operating / 41.6 ft transit

**Displacement**

Displacement: 35,375 ton operating

**Variable Deck**

Variable Deck: 5,600 sT operating

**Transit Speed**

Transit Speed: up to 4 knots

**Water Depth**

Water Depth: 6,000 ft

**Drilling Depth**

Drilling Depth: 30,000 ft

## DRILLING EQUIPMENT

**Derrick**

NOV Dreco, 180 ft high with 40 ft x 40 ft base, combined static hook load capacity of 1,600 kips

**Drawworks**

Continental Emsco C-3-II, 3 DC electric motors, 1,000hp each, with 1 ½" drilling line

**Compensator**

NOV drill string motion compensator, 600 kips capacity, 25 ft stroke

**Rotary Table**

NOV RST, 49 ½"

**Top Drive**

NOV TDS-4S, 750 ton with PH-85 pipe handler

**Tubular handling**

NOV ST-120 Iron Roughneck for tubular range 3 ½" to 9 ¾"

**Mud Pumps**

4 x NOV 12-P-160, 1,600hp, 7,500 psi

## POWER EQUIPMENT

**Main Power**

5 x Caterpillar 3516C Tier II diesel engines rated 2,150hp each driving 600 V AC generators

**Emergency Power**

Caterpillar c32 engine rated 720 kW driving Kato 4p6-2450 900 kVA generator

## STORAGE CAPACITIES

**Liquid Mud**

7,590 bbls

**Base Oil**

3,200 bbls

**Brine**

3,210 bbls

**Drill Water**

11,467 bbls

**Potable Water**

2,982 bbls

**Bulk Material**

13,800 cu ft (mud + cement)

**Sack Storage**

4,000 sacks

## 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

**Diverter**

Vetco 49 ½” 500 psi with _16” flow line

**BOP Stack**

Shaffer 18 ¾” 15,000 psi five-ram preventer

Shaffer dual 18 ¼” 10,000 psi annular preventers

APIS53 compliant

**C&K Manifold**

3 1/16”, 15,000 psi

**Marine Riser**

Shaffer FT-E, 75 ft long per joint

**Tensioners**

8 x 200 kips Dual Rucker wireline riser tensioners. Total capacity 1,600 kips with 50 ft of wire travel

**Moonpool**

41 ft X 81 ft

## MOORING SYSTEM

**Mooring System**

(8) 3 ¾” x 3,800 ft RR4 chains, (8) 3 ½” x 8,800 ft wires, (8) 15mT Bruce MK-6 anchors

## OTHER INFORMATION

**Accommodation**

140 people

**Helideck**

Sikorsky 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.