

OCEAN RIG ATHENA

ULTRA-DEEPWATER DUAL-ACTIVITY DRILLSHIP



For additional information please contact:

Transocean
Marketing Department
4 Greenway Plaza
Houston, TX 77046, USA
Phone: + 1-713-232-7500
Fax: + 1-713-232-7880
marketing@deepwater.com
www.deepwater.com

General Description

| | |
|---|---|
| Design / Generation | Samsung 12000 |
| Constructing Shipyard | Samsung Heavy Industries, South Korea |
| Year Entered Service / Significant Upgrades | 2014 |
| Classification | ABS +A1 Drillship E-circle, +AMS +CDS +ACCU, +DPS-3 (RRDA, UWILD, CRC, PMP, ENVIRO-OS, RW, DLA, GP) |
| Flag | Marshall Islands |
| Dimensions | 748 ft. x 137.8 ft. beam x 62.3 ft. depth |
| Drafts | 37.7 ft operating / 37.7 ft survival / 27.9 ft transit |
| Accommodation | 215 persons |
| Displacement | 96,500 mt operating / 66,500 mt transit |
| Variable Deck | 20,000 mt operating / 20,000 mt survival / 16,500 mt transit |
| Transit Speed | up to 12 knots |
| Maximum Water Depth | 12,000 ft designed / 10,980 ft outfitted |
| Maximum Drilling Depth | 40,000 ft |

Drilling Equipment

| | |
|-------------------|---|
| Derrick | Dual derrick 210-ft (Main) NOV Type DDBN-1250 (Aux) NOV Type DDBN-1 000 |
| Hookload Capacity | (Main) 1,250 st. 16 lines. (Aux) 1,000 st. 14 lines |
| Drawworks | (Main) NOV SSGD-1250-6900hp (Aux) NOV SSGD-1000-5750hp |
| Compensator | (Main) NOV CMC-E (Aux) NOV CMC |
| Rotary Table | (Main) NOV RST 755 hydraulic driven 75 1/2" (Aux) NOV RST 605-F 60 1/2" |
| Top Drive | 2 x NOVTDX 1250/TDX-1250 |
| Tubular Handling | 2 x NOV Hydraracker IV pipe handlers, 2 x NOV Multi Purpose Tong (MPT 200) Iron Roughnecks with TF-975 tool frame, Fwd and aft catwalk machines |
| Mud Pumps | 5e x HP Triplex mud pumps NOV-14P-220, 2200hp, 7500psi |
| Solids Control | 6 x VSM 300 shale shakers |

Power & Machinery

| | |
|-----------------|---|
| Main Power | 6 x Wartsila 16/32 LowNox diesel engines, 7290 kW each total 43,740 kW 6 x ABB AMG 900 LSE generators, 7000 kW each, total 42,000 kW |
| Emergency Power | 1 x STX Cummins / QSK60DMGE diesel engine rated 2,547 kW, driving 1 x Newage / PM734E1 1,350 kW generator. |

Storage Capacities

| | |
|---------------|--------------------------------------|
| Fuel Oil | 53,770 bbl |
| Liquid Mud | 6,430 bbl active / 9,440 bbl reserve |
| Base Oil | 4,680 bbl |
| Brine | 4,710 bbl |
| Drill Water | 15,200 bbl |
| Potable Water | 8,120 bbl |
| Bulk Material | (mud + cement) 31,920 cu. ft. |
| Sack Storage | 8 x 19 x 4 m |

BOP & Subsea Equipment

| | |
|--------------------|--|
| BOP | NOVShaffer 7 ram 18/ 3/4" NXT BOP. 15,000psi |
| Wellhead Connector | Vetco Super HD H4 DWD type |
| Annulars | 2 x NOV Shaffer 10,000psi |
| Marine Riser | NOV FT-HB 21" OD Flanged. With 4 1/2" ID K/C lines, 4" ID booster line and 2ea conduit lines |
| Tensioners | 8 x dual (16ea) NOV / Dual WRTS, 102 mt / 1,632 mt (3,600 kips) |
| Diverter | NOV Shaffer 21-500-75 EXT |
| BOP Control | NOV 112-Line 5th Generation MUX Pod |
| Moonpool | 25.6 x 12.48 m |

Station Keeping / Propulsion System

| | |
|-----------|---|
| Thrusters | 6 x Rolls Royce UUC 455 azimuth thrusters |
| DP System | DP Class 3 Kongsberg / ICMS / K-POS |

Cranes

| | |
|--------|---|
| Cranes | (Fwd) 2 x Knuckle Boom Crane 85mt, type OC3932KE (Aft) 2 x NOV. Knuckle Boom Crane 100mt, type OC4000KE |
|--------|---|

Other Information

| | |
|----------|--|
| Helideck | D 22.2m, 12.8mt load capacity, rated for Sikorsky S-92 helicopters |
|----------|--|

BOUNDLESS

Revision Date: 05 December 2018



**SERVICE FOCUSED
DATA DRIVEN
PERFORMANCE ORIENTED**

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.