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.

BOUNDLESS

SERVICE FOCUSED
DATA DRIVEN
PERFORMANCE ORIENTED

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General Description

Design / Generation: Enhanced Samsung 10000
Constructing Shipyards: Samsung Heavy Industries, South Korea
Year Entered Service / Significant Upgrades: 2011
Classification: ABS +A1 Drilling Unit E-circle, +AMS +CDS +ACCU +DPS-3 (RRDA, UWILD, CRC, SH-DLA, PMP, NBLES, RW)
Flag: Marshall Islands
Dimensions: 748 ft. x 137.8 ft. beam x 62.3 ft. depth
Draws: 37.7 ft operating / 37.7 ft survival / 27.9 ft transit
Accommodation: 209 persons
Displacement: 96,000 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: 10,000 ft designed / 10,000 ft outfitted
Maximum Drilling Depth: 35,000 ft

Drilling Equipment

Derrick: NOV Beam Leg Dual Dynamic Bottleneck Type, 200 x 60 x 80ft
Hookload Capacity: (Main) 1,000 st (Aux) 1,000 st
Drawworks: 2 x NOV SSGD-1000, 5750hp, 1000 st
Compensator: 2 x NOV CMC, 1000 st
Rotary Table: (Main) NOV RST 605 hydraulic 60-1/2" (Aux) NOV RST-605 60-1/2 inch false rotary table
Top Drive: 2 x NOV HPS-1000, 1000 st
Tubular Handling: 2 x NOV pipe handlers, 2x NOV MPT Iron Roughnecks with TF-975 tool frame, Fwd and aft catwalk machines
Mud Pumps: 5 x HP Triplex mud pumps NOV-14P-220, 2200hp, 7500psi
Solids Control: 6 x VSM 300 shale shakers

Power & Machinery

Main Power: 6 x STX-MAN 16V32/40 diesel engines, rated 8,000 kW each
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: 6,460 bbl active / 6,400 bbl reserve
Brine: 3,130 bbl
Drill Water: 18,030 bbl
Potable Water: 8,820 bbl
Bulk Material: 33,050 cu. ft.
Sack Storage: 33,050 cu. ft.

BOP & Subsea Equipment

BOP: NOV Shaffer 6 ram 18/¾" NXT BOP. 15,000psi
Wellhead Connector: Vetco Super HD H4
Annulars: 2 x NOV Shaffer 10,000psi
Marine Riser: NOV Shaffer FT-H 21" OD Flanged. With 4 ½" ID K/C lines, 4" ID booster line and 2ea conduit lines
Tensioners: 8 x dual (16ea) NOV DWRT 91 mt each
Diverter: NOV Shaffer 21 ¾" 500psi
BOP Control: NOV 112-Line 5th Generation MUX Pod
Moonpool: 25.6 m x 12.49 m

Station Keeping / Propulsion System

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

Crane: 4 x NOV OC3932KCE Knuckle Boom Crane 85 mt

Other Information

Helideck: 27.2m x 27.2m, 21 mt load capacity, rated for Chinook helicopters

Revision Date: 04 October 2019
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