

DEEPWATER NAUTILUS

ULTRA-DEEPWATER SEMI-SUBMERSIBLE



For additional information please contact:

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General Description

Design / Generation	Reading and Bates Falcon
Constructing Shipyard	Hyundai South Korea
Year Entered Service / Significant Upgrades	2000 / 2007
Classification	DNV, +1A Column-Stabilised Drilling unit POSMOOR
Flag	Vanuatu
Dimensions	374 ft. (114 m) long x 308 ft. (94 m) wide x 136 ft. (41.5) deep
Drafts	76 ft. (23 m) operating / 29 ft. (8.8 m) transit
Accommodation	166 persons
Displacement	51,735 st (46,933 mt) operating / 39,129 st (35,497 mt) transit
Variable Deck	9,701 st (8,801 mt) operating / 5,748 st (5,214 mt) transit
Transit Speed	up to 4.5 knots
Maximum Water Depth	8,000 ft. (2,438 m) outfitted (operated in 9,600 ft.)
Maximum Drilling Depth	30,000 ft. (9,144 m)

Drilling Equipment

Derrick	Draco, 180 ft. (56 m) high, with 48 ft. (14.6 m) x 48 ft. base.
Hookload Capacity	1,000 st (907 mt) capacity
Drawworks	NOV AHD1000 GE 6,900 hp. 1,000 st (907 mt)
Rotary Table	Varco hydraulic with a 60-1/2" opening, rated at 1,000 st. (907 mt)
Top Drive	Varco TDS-1000 AC, with 1,000 st (907 mt) capacity rated to 65,500 ft.- lbs. continuous drilling torque.
Tubular Handling	2 x PRS-4i; Varco AR3200 Iron Roughneck.
Mud Pumps	4 x National 14-P-220 triplex pumps, each driven by 2 x traction motors.
HP Mud System	Rated for 7,500 psi
Solids Control	5 x Derrick 600 series shale shakers; Desander & Desilter.

Power & Machinery

Main Power	4 x Wartsila 12V32LNE diesel engines rated at 6,300 hp each driving 1 x ABS 4,700 kW AC generator.
Emergency Power	1 x Caterpillar 3508B diesel engine rated at 670 hp driving 1 x Caterpillar SR4 rated 500 kW, generator.
Power Distribution	10 x Hammond transformer system rated at 2,500 KVA, switchboards with AC generator protection.

Storage Capacities

Fuel Oil	27,021 bbl. (4,296 m3)
Liquid Mud	4,139 bbl. (658 m3) Active / 5,712 bbl. (908 m3) Reserve
Base Oil	3,019 bbl. (480 m3)
Brine	3,019 bbl. (480 m3)
Drill Water	19,775 bbl. (3,144 m3)
Potable Water	4,252 bbl. (676 m3)
Bulk Material	(mud + cement) 21,800 cu.ft. (617 m3)
Sack Storage	10,000 sacks

BOP & Subsea Equipment

BOP Rams	1 x Cameron type TL double 18-3/4" 15,000 psi 5-ram preventer. (2 x double rams and 1 x single ram)
BOP Annulars	2 x Cameron DL 18-3/4" 10,000 psi annular preventers.
BOP Handling	Hydralift Bridge crane rated at 485 st (440 mt)
Marine Riser	Vetco HMF Class G 21" OD x 90 ft. (27.4 m) in length.
Tensioners	6 x Hydralift N-line tensioners rated at 406.5 st (368 mt) each
Diverter	Hydriil FS 2160 diverter, 500 psi, with a 14" flow line.
Moonpool	93 ft. (28.3 m) length x 21 ft. (6.4 m) width.

Station Keeping / Propulsion System

Mooring System	12 point mooring system with 8 x Bodewes Model 25/1209 drum winches. 8 x 3-3/4" mooring lines consisting of 15,000 ft. (4,572 m) wire line and 8 x 3-9/16" stud link chain at a length of 500 ft. (152.4 m); with 8 x Vryhof Stevpris MK-5 and 19.8 st. (18 mt) anchors.
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Cranes

Crane #1 and #2	2 x Leibherr 3600-92D cranes with 150 ft. (45.7 m) booms rated at 100 st. (90.7 mt) at a radius of 22 ft. (6.7 m)
Crane #3	1 x Outreach PLC Knuckleboom crane with a 68 ft. (20.7 m) boom and rated at 20 st. (18 mt) at a radius of 70 ft. (21.3 m)

Other Information

Helideck	Rated for Sikorsky S-92 helicopters
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Revision Date: 14 July 2022

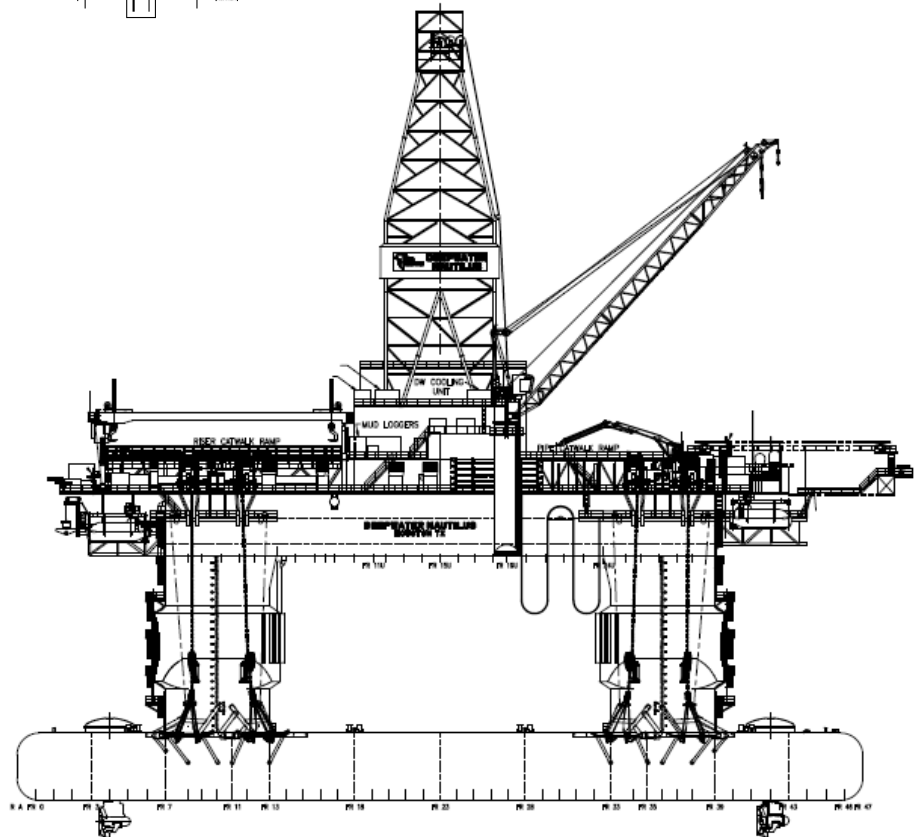
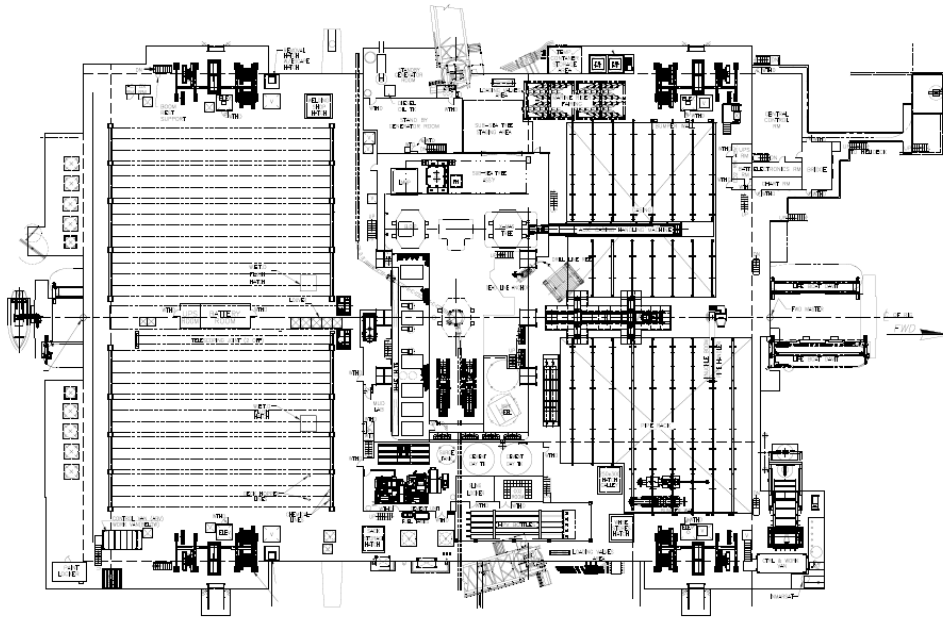


These specifications are intended for general reference purposes only, as actual equipment and specifications may vary based upon subsequent changes, the contract situation and customer needs. All equipment shall be operated and maintained at all times, in compliance with Transocean standard operating 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.

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BOUNDLESS

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**SERVICE FOCUSED
DATA DRIVEN
PERFORMANCE ORIENTED**



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