

DEEPWATER CHAMPION

ULTRA-DEEPWATER DUAL-ACTIVITY DRILLSHIP



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General Description

Design / Generation	Transocean/Gusto P10000 Drillship
Constructing Shipyard	Hyundai Heavy Industries South, Korea
Year Entered Service / Significant Upgrades	2010
Classification	DNV +1A1,BIS,EO,DYNPOS-AUTRO
Flag	Vanuatu
Dimension	752 ft. (229 m) x 118 ft. (36 m) x 59 ft. (17.9 m)
Drafts	36 ft. (10.9 m) operating / 36 ft. (10.9 m) Transit
Accommodation	210 persons
Displacement	70,273 st (63,751 mt) operating
Variable Deck	21,671 st (19,660 mt) operating / 20,352 st (18,463 m) transit
Transit Speed	up to 10 knots
Maximum Water Dept.	12,000 ft. (3657 m) designed / 10,000 ft. (3048 m) Outfitted
Maximum Drilling Depth	40,000 ft (12,192 m)

Power & Machinery

Main Power	6 x STX-MAN I-9 diesel engines rated at 6,035 hp, each driving 1 x 4.3 mW generator; 2 x STX-MAN V-18 engines rated to 12,069 hp, each driving 1 x ABB AMG 8.7 mW generator.
Emergency Power	1 x Cummins V-16 engine rated to 2,547 HP driving 1 x Stamford PM734G1 1,500 kW generator
Power Distribution	ABB 11 kw switchboard feeding ABB ACS 800 variable drives generator protection.

Storage Capacities

Fuel Oil	47,435 bbl. (7,541 m3)
Liquid Mud	20,917 bbl active (3,325 m3)
Base Oil	7,371 bbl (1,171 m3)
Brine	8,442 bbl (1,342 m3)
Drill Water	18,595 bbl (1,342 m3)
Potable Water	8,836 bbl (1,405 m3)
Bulk Material	(mud + cement) 32,000 cu.ft. (906 m3)
Sack Storage	200 pallets

Drilling Equipment

Derrick	NOV Dual Bottleneck 210 ft. (64 m) high x 60 ft. (18.3 m) long x 80 ft. (24.4 m) wide base.
Hookload Capacity	(Main) 1,000 st (907 mt) capacity (Aux) 750st (680.4 mt) capacity
Drawworks	(Main): NOV active heave compensating rated to 1,000 st (907 mt) with 2" drilling lines. (Aux) NOV active heave compensating rated to 750 st (680.4 mt) with 1-3/4".
Compensator	See above.
Rotary Table	(Main) NOV RST 75-1/2" hydraulic with a maximum continuous torque of 45,000 ft.-lbs. (Aux) NOV 60-1/2" hydraulic with a maximum continuous torque rating of 45,000 ft.-lbs.
Top Drive	(Main) NOV TDS-1000A AC drive rated to 1,000 st (907 mt) and continuous drilling torque rating of 65,500 ft.-lbs. (Aux) NOV TDS-8SA AC drive rated to 750 st (680.4 mt) and continuous drilling torque rating of 65,500 ft.-lbs.
Tubular Handling	2 x NOV PRS-5 pipe racking systems and 2 x ARN 200 Iron Roughnecks.
Riser Feed	For riser joints
Mud Pumps	4 x NOV 14-P-220 triplex pumps, each driven by 2 x Baylor AC 1,230 hp traction motors.
HP Mud System	Rated for 7,500 psi
Solids Control	8 x NOV Brandt VSM 300 shale shakers.

BOP & Subsea Equipment

BOP Rams	3 x Hydril 18-3/4" 15K BOP double ram preventers
BOP Annulars	2 x Hydril GX 10K annular preventers
BOP Handling	NOV BOP Gantry CraneD1255-G0001rated to 529 st (480 mt). and 1 x NOV BOP trolley with integrated guidance system
Marine Riser	Vetco HMF 21" riser 75 ft. (22.8 m) joint length. And 2 x 15k choke and kill lines
Tensioners	14 x NOV riser tensioners rated at 125 st (113.4 mt) each with a 50 ft (15.2 m) line travel and a 12.5 ft (3.8 m) stroke
Diverter	Vetco CSO 72" diverter rated to 500 psi and has 16" flow lines
Tree Handling	NOV Xmas tree trolley rated to 771 st (700 mt). and tree skid carts
Moonpool	73 ft. (22.3 m) length x 42 ft. (12.8 m) Width

Station Keeping / Propulsion System

Thrusters	6 x Rolls Royce 455 FP thrusters fully azimuthing fixed pitch and nozzled
DP System	Kongsberg K-Pos DP-22 full DP DGPS system. Nautronix acoustic positioning system

Cranes

Cranes #1 and #2	2 x NOV cranes with 147 ft. (44.8 m) booms rated to 94 st (85 mt) at a 33 ft (10 m) radius
Crane #3	1 x NOV crane with a 147 ft. (44.8 m) boom rated to 110 st (100 mt) at a radius of 46 ft (14 m)
AHC Subsea Crane	1 x NOV crane with a 190 ft. (44.8 m) boom rated to 182 st (165 mt) at a 56 ft (17 m) radius. Subsea capable to 10,000 ft (3,048m)

Other Information

Helideck	Rated for Sikorsky S-61 and S-92 helicopters. 72 ft. (22 m) in diameter.
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Revision Date: 14 July 2022

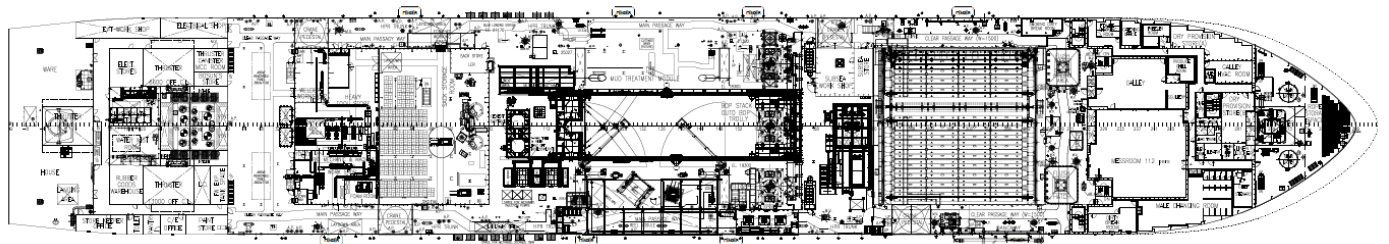
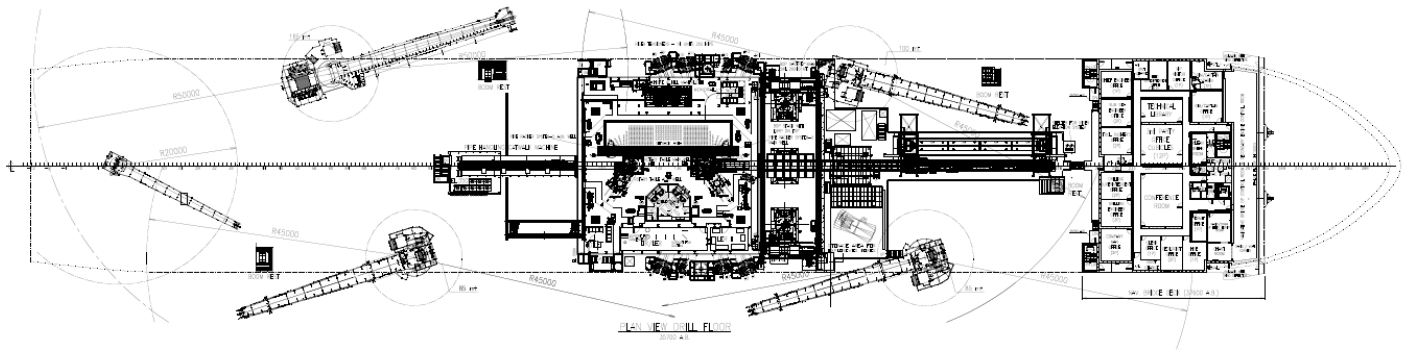
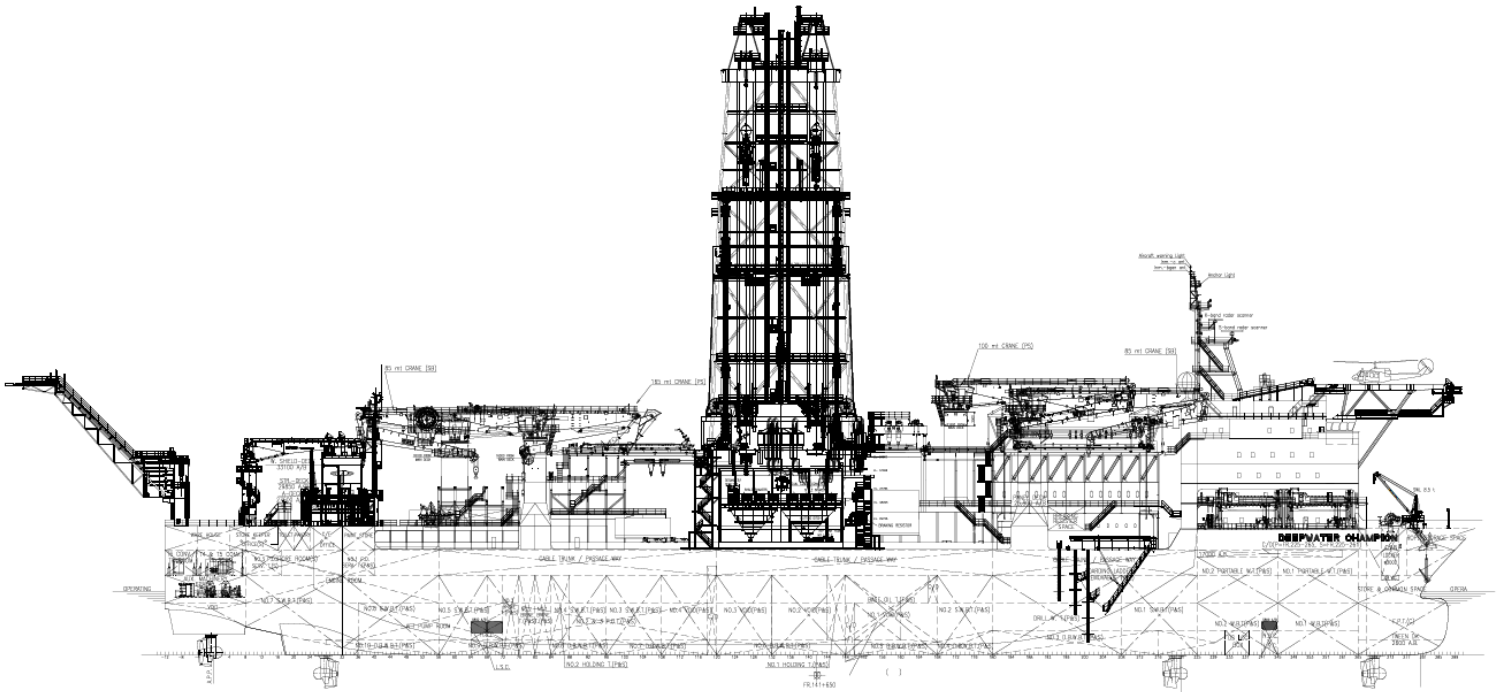


These specifications are intended for general reference purposes only, as actual equipment and specifications may vary based upon subsequent changes, the contract situation and customer needs. All equipment shall be operated and maintained at all times, in compliance with Transocean standard operating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