DEEPWATER CONQUEROR
ULTRA-DEEPWATER DUAL-ACTIVITY DRILLSHIP

General Description

Design / Generation
DSME 12000 Ultra Deepwater Drillship

Constructing Shipyard
DSME

Year Entered Service / Significant Upgrades
2016/2017

Classification
DNV GL, “Ship Shaped Drilling Unit”, E0, DYNOSAUTRO, DRILL, CRANE, HELDK

Flag
Marshall Islands

Dimensions
781 ft. LOA x 138 ft. beam x 62 ft. depth

Drafts
39 ft. operating / 29 ft. transit

Accommodation
240 persons

Displacement
114,089 st operating

Variable Deck
25,353 st operating / 20,844 st transit

Transit Speed
1500 hp GE 690VAC motors Both drawworks rated at 1,400-st; 45,000 ft.-lbs. maximum continuous torque

Derrick
Dual dynamic derrick 210-ft clear internal working height with 78-ft x 46-ft base

Power & Machinery

Main Power
Six (6) Hyundai HIMSEN 4-stroke 720 rpm diesel engines, each driving a 6,750 kw x 11KVAC generator

Emergency Power
One (1) 4-stroke 1,800 rpm diesel engine rated at 1,700 KW driving a 690 VAC generator

Power Distribution
Three (3) Siemens 11KV AC switchboards with AGP (Advanced Generator Protection); DC drilling drives include stored energy capability (Hybrid Power System)

Storage Capacities

Fuel Oil
50,318 bbl

Liquid Mud
8,859 bbl Active / 10,556 bbl Reserve

Base Oil
5,032 bbl

Brine
9,749 bbl

Drill Water
18,870 bbl

Potable Water
8,806 bbl

Bulk Material
(mud + cement) 30,017 cu.ft.

Sack Storage
10,000 sacks

BOP & Subsea Equipment

BOP
Two (2) x seven (7) ram 18-3/4 inch x 15,000 psi BOP’s consisting of two (2) Cameron TL doubles and one (1) Cameron TL triple Separate test control system for the second BOP while the primary BOP is deployed

LMRP
Two (2) LMRPs, each including one (1) Cameron Dual DL 18-3/4 inch 10,000 psi annular preventer

BOP Handling
NOV BOP Moonpool Trolley rated at 600 mt with two (2) x 300 mt overhead service hoists and two (2) x15 mt service hoists

Marine Riser
Cameron Load King Riser 75 ft. x 21 inch OD, with H class connectors and 4.5 inch ID 15,000 psi choke and kill lines

Tensioners
4,000 kips combined capacity using eight (8) NOV DWRT-250 dual riser tensioners rated at 250 kips each tensioner with a maximum effective 50 ft. stroke

Diverter
Cameroon 21 inch x 500 psi with two (2) 16 inch flow lines

Tree Handling
One (1) 350 mt Xmas tree trolley and two (2) 150 mt skid cart

Moonpool
82 ft. length x 31 ft. width

Station Keeping / Propulsion System

Thrusters
Six (6) right angle geared thrusters, three forward and three aft, each rated at 5,500 kw, variable speed, fixed pitch, fully azimuthing, and underwater demountable type with advanced thruster capabilities (ADCAP)

DP System
DP3, Kongsberg Maritime K-Pos 3 (triple redundant) with backup DP system

Cranes

Crate
Three (3) 100 mt knuckle boom cranes rated at 25 mt at a radius of 45 meters

AHC Subsea Crane
One (1) 165 mt active heave compensated knuckle boom crane for handling 84.3 mt subsea equipment to 12,000 ft WD

Other Information

Helideck
Rated for Sikorsky S-61N and S-92 helicopters

Emissions
IMO tier III with SCR exhaust treatment and using low sulphur or ULSD diesel fuel (MGO)

Additional Features
Round mud pits

Riser stored in hull

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.

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