

# DEEP VALUE DRILLER

7<sup>TH</sup> GENERATION ULTRA DEEPWATER DRILLSHIP



# DEEP VALUE DRILLER

## 7<sup>TH</sup> GENERATION ULTRA DEEPWATER DRILLSHIP

### RELIABILITY

EQUIPPED WITH 2 X 7  
CAVITIES BOP COMPLETELY  
INTERCHANGEABLE

### EFFICIENCY

TANK CLEANING  
ALREADY BUILT IN

### COMPLETION

KNUCKLE BOOM 165 T MOTION  
COMPENSATED CRANE FOR FAST  
X/MASS TREE INSTALLATION

### TECHNICAL SPECIFICATIONS

#### CLASSIFICATION

- DNV  $\times$  A1 Ship Shaped Drilling Unit, BIS, EO, DYNPOS AUTRO, DRILL, CRANE, HELDK-SH, COAT-PPSPC (B), CLEAN

#### UNIT DESIGN

- Hyundai/Gusto P10000

#### WATER DEPTH

- Up to 12,000 ft (3,658 m)

#### DRILLING DEPTH

- 40,000 ft (12,192 m)

#### STATION KEEPING

- DP class 3

#### MAIN DIMENSIONS

- Length overall: 229 m
- Breadth: 36 m
- Depth: 18 m
- Operating draft: 11 m
- Displacement: 70,000 t

#### VARIABLE DECK LOAD

- Operating: 20,000 t
- Transit: : 20,000 t
- Survival : 20,000 t

#### POWER SYSTEM GENERATORS

- Six(6) HHI-Himsen 16H32/40V
- 7,600 kW each
- + One(1) emergency STX each, fluid end max. working pressure 7,500 psi WP QSK60DMGE, 1,500 kW

#### MUD TANKS

- Total capacity 14,500 bbls

#### BOP

- Two GE 18  $\frac{3}{4}$ ", 15,000 psi, 7 ram, dual annular, Super HD-H4, H2S service wellhead connector, API S53 compliant

#### DIVERTER

- 21.1/4" - GE KFDS-CSO 72", 500 psi

#### RISERS

- GE (Vetco) HMF Class H, 75 ft length, below deck riser storage

#### CRANES

- NOV: 1x Knuckle boom, Active heave compensated, 165 mt
- 1x Knuckle boom, 100 mt;
- 2x Knuckle boom, 85 mt;
- Oriental Single boom, 20 mt

#### HELIDECK

- Suitable for Sikorsky S92 helicopter type

#### CREW FACILITIES

- Air conditioned living quarters for 210 persons

#### DERRICK

- Dual type height 210 ft
- Main: 2,5 Mlbs (1,250 st), Aux: 1,5 Mlbs (750 st) racking capacity up to 13.5/8" casing

#### MOTION COMPENSATOR ON DERRICK

- Main: NOV Crown Mounted Compensator, Capacities: 1,250 st static, 500 st compensated, 38.5 st active, Stroke: 25 ft (7.62 m)

#### DRAWWORK

- Main: NOV Active Heave, 1,250 st, 9,000 hp,
- Aux: NOV Active Heave, 750 st, 5,750 hp

#### TOP DRIVE

- Main NOV TDX-1250, rated capacity 1,250 st ,maximum continuous torque 105,000 ft.lbs
- Aux: NOV TDS-8SA , rated capacity 750 st ,maximum continuous torque 62,250 ft.lbs

#### ROTARY TABLE

- One(1) NOV RST 755, opening 75.1/2"
- One(1) NOV RST 605, opening 60.1/2"

#### MUD PUMPS

- Five(5) NOV 14-P-220 , 2,200 HP

Slim, efficient and with a large power generation available onboard, the Deep Value Driller is capable of worldwide activity year-round. Together with Santorini, DVD is one of the most technologically advanced drillship in the market, thanks also to the availability of modern technologies. DVD has been built with the higher attention to Safety and Environment (Zero Pollution) as well as to efficiency in the execution of operations.

## DID YOU KNOW?

DVD IS ONE OF THE MOST TECHNOLOGY ADVANCED 7<sup>TH</sup> GEN. DRILLSHIP WITH LARGE DECK SPACE AND 165T SUBSEA CRANE