



SAIPEM 12000

ULTRA DEEPWATER DRILLSHIP



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6TH GENERATION ULTRA DEEPWATER DRILLSHIP

RELIABILITY

RETROFITTED TO ACCOMMODATE A SECOND BOPSTACK

EFFICIENCY

DESIGNED FOR DUAL ACTIVITIES

COMPLETION

EQUIPPED WITH EXTENDED WELL TEST AREA AND BURNER BOOMS

TECHNICAL SPECIFICATIONS

CLASSIFICATION

ABS ✕A1, Drilling unit, (E), ✕AMS, ✕ACCU, ✕CDS, ✕DPS-3, SH-DLA

UNIT DESIGN

Samsung Heavy Industries

WATER DEPTH

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

DRILLING DEPTH

35,000 ft (10,660 m)

STATION KEEPING

DP class 3

MAIN DIMENSIONS

- Length overall: 228 m
- Breadth: 42 m
- Depth: 19 m
- Operating draft: 12 m
- Displacement: 96,000 t

CAPACITY

Variable deck load: 20,000 t

POWER SYSTEM GENERATORS

Six STX 16V32/40, 8,000 kW each

THRUSTER

Six azimuthal thrusters, 4,500 kW each

DERRICK

Dual type height 200 ft
Static hook load 2,000,000 lbs (each rig), simultaneous capacity 2,000 kips + 1,000 kips, racking capacity up to 13.5/8" casing

MOTION COMPENSATOR ON DERRICK

Each rig is equipped with Crown motion compensator and Active Heave compensator

DRAWWORK

Two NOV SSGD-5750, 5,750 HP each

TOP DRIVE

Two NOV HPS-03 1000 2AC KT RD, rated capacity 1,000 st
Maximum continuous torque 78,181 ft.lbs

ROTARY TABLE

One NOV RST 755, opening 75.1/2". One NOV RST 605-2G, opening 60.1/2"

MUD PUMPS

Four NOV 14-P-220, 2,200 HP each, fluid end max. working pressure 7,500 psi WP

MUD TANKS

Total capacity 19,300 bbl

BOP

18.3/4" - 15,000 psi, two annular preventers, six ram cavities, Drill Pipe and Casing shearing capability API s53 compliant

DIVERTER

21.1/4" - 500 psi

RISERS

NOV FT-I, 90 ft length

CRANES

Four NOV knuckle boom cranes, rated capacity 85 mt

HELIDECK

Suitable for BV-234 Chinook helicopter type

CREW FACILITIES

Air conditioned living quarters for 200 persons

The ultra-deepwater drillship Saipem 12000 is an innovative and advanced drillship capable of worldwide, year-round operations in exploration, appraisal, development drilling as well as well completion activities. Among her chief benefits: the high payload capacity, at more than 20,000 t, allows the loading of large quantities of consumables, reducing the need of frequent reloading and the number of required supply vessel trips, thus cutting overall operating costs for the client.

DID YOU KNOW?

SAIPEM 12000 HAS MADE A FURTHER STEP TOWARDS THE MOST POPULAR DRILLSHIP DESIGN?