ELDORADO DRILLING · TECHNICAL SPECIFICATIONS

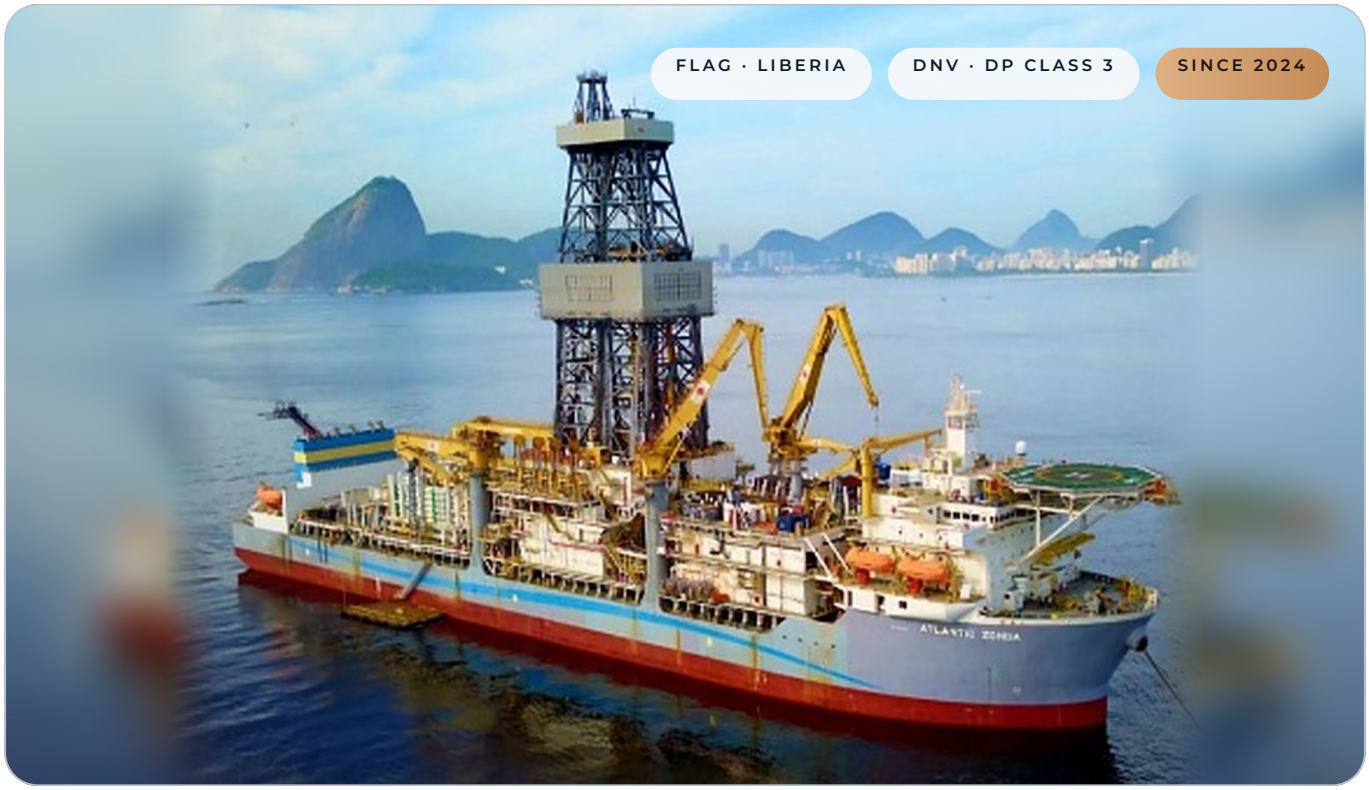
Zonda

7TH GEN ULTRA-DEEPWATER DRILLSHIP

A Samsung 96K design drillship built by Samsung Heavy Industries and in service since 2024 — designed for 12,000 ft of water depth (10,000 ft outfitted), with 40,000 ft drilling depth, a dual-activity derrick and DP3 station keeping.

TECHNICAL SPECIFICATIONS

REV. OCTOBER 2026



12,000 FT
WATER DEPTH (DESIGNED)

40,000 FT
MAX DRILLING DEPTH

1,134 MT
HOOKLOAD (MAIN WELL)

748 FT
HULL LENGTH

22,000 MT
VARIABLE DECK LOAD

200 POB
ACCOMMODATION

ZONDA · TECHNICAL SPECIFICATIONS

Vessel & Capacities

01

01 GENERAL INFORMATION

RIG DESIGN	Samsung 96K Drillship Design
YEAR ENTERED SERVICE	2024
BUILDER	Samsung Heavy Industries Co. Ltd.
CLASS	DNV – DP Class 3
FLAG	Monrovia (Liberia)

02 GENERAL SPECIFICATION

HULL LENGTH	748 ft
HULL BREADTH	137 ft
HULL DEPTH	62 ft
MOON POOL	84 ft × 41 ft
ACCOMMODATION	200 POB
HELIDECK	CAP437, 83 ft Octagon, Sikorsky S-61N or S-92 compatible. 12.8 MT load capacity

03 OPERATIONAL CAPABILITIES

MAX WATER DEPTH	12,000 ft designed / 10,000 ft outfitted
MIN WATER DEPTH	Subject to site specific analysis
TRANSIT DRAFT	27.88 ft
MAX DRILLING DEPTH	40,000 ft
VARIABLE DECK LOAD	22,000 MT
MAXIMUM SETBACK	1,587 MT

04 STORAGE CAPACITIES

DIESEL	48,150 bbls
DRILL WATER	16,194 bbls
POTABLE WATER	9,245 bbls
BULK MATERIAL	10 × 3,990 ft³ + 4 × 2,685 ft³ (50,640 ft³ total bulk capacity)
BASE OIL	6,535 bbls
BRINE	19,025 bbls
ACTIVE MUD	6,147 bbls / 18,845.8 reserve
TRIP TANK	2 × 80 bbls
SACK STORE	10,000 sacks approx.

05 MUD SYSTEM

WORKING PRESSURE	7,500 psi
MUD PUMPS	4 × NOV 14-P-220, gear driven, 2,300 hp 7,500 psi c/w 2 × AC motors
SHAKERS	7 × Brandt / Multisizers

ZONDA · TECHNICAL SPECIFICATIONS

Handling & Well Control

02

06 TUBULAR HANDLING

PIPE FEEDING MACHINE	1 × NOV, SWL 20 ton
PIPE RACKERS	2 × NOV, HR-IV
RISER FEEDING MACHINE	1 × NOV, SWL 45 ton
MANIPULATOR ARM	Handled by Hydraracker system
ELEVATED BACK-UP TONG	2 × EBT-100-10 (Main & Aux.)
PIPE HANDLING AUTOMATION	NOV Smart Machine Integrator (SMI) with Multi-Machine Control (MMC), Pipe Interlock Management (PIM) equipped drilling control system

07 POWER GENERATION

MAIN ENGINES	**6 × HIMSEN 16H32/40V** diesel engines, 8,000 kW @ 720 rpm c/w ABB AMG 0900LS10 LSE electric generator
EMERGENCY ENGINES	Any of the main generators can be used as emergency generator

08 HANDLING SYSTEMS

DECK CRANES	**4 × NOV 85 MT** pedestal knuckle-boom cranes — 85 MT max load at 59 ft radius
RISER GANTRY CRANE	2 × 25 MT
BOP HANDLING	– 1 × BOP Trolley, **SWL 540 MT** – Overhead Gantry Crane, 2 × 240 MT SWL
XMAS TREE HANDLING	– 1 × XMA-T-200-9.334/SR Xmas Tree Trolley, SWL 200 MT – 2 × XMA-S-120-2.75 Xmas Tree Overhead Gantry Crane, each SWL 120 MT

09 WELL CONTROL EQUIPMENT

BLOWOUT PREVENTER	– 1 × Dril-Quip DX-DW 27” O.D., H-4 wellhead connector – **18¾” 15,000 psi**, 6 × ram cavities (2 × 18¾” 15M NXT Triple) – Dual annular BOPs (SBOP – 10M) – 18¾” hydraulic connector rated at 15,000 psi
DIVERTER	500 psi NOV – Shaffer 21¼” diverter, 18” diverter outlets

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Drilling & Riser

03

10 DRILLING PACKAGE

DERRICK	NOV **dual activity** derrick, 60 ft × 80 ft base × 210 ft clear working height
HOOKLOAD CAPACITY	Main well centre – **1,134 MT** Combined capacity over dual derrick
RACKING CAPACITY	– 6⅝" DP — 260 stands – 5" DP — 110 stands – 9½" DC — 12 stands – 8¼" DC — 12 stands – 20" casing — 15 stands – 13⅝" casing — 40 stands Additional 37 stands of casing can be stored if no 20" stands are set back
DRAWWORKS	2 × NOV AHD-1250 (Main & Aux.), 6 × AC motors
ROTARY TABLE	– Main well centre – RST 755 (75½") (**1,250 MT**) – Aux. well centre – RST 605 (60½") (907 MT)
IRON ROUGHNECK	1 × Main / 1 × Aux. Hydratong MPT 200, 3½" to 9¾", 200,000 Nm breakout / 137,000 Nm make-up. Equipped with 2⅜" – 8⅝" and 8⅝" – 20" cassette casing tongs
TOPDRIVE	2 × NOV TDX-1250 (Main & Aux.), electrical / hydraulic, **1,134 MT** hoisting capacity, 7,500 psi washpipe, 0–275 max rpm. Continuous torque: 105,000 ft-lbs @ 130 rpm

11 RISER EQUIPMENT

MARINE RISER JOINTS	21" NOV – Shaffer FT-H riser with: – 15k psi – 4.5" ID choke & kill lines – 5k psi – 4" ID booster line – 2 × 5k psi – 2.5" ID hydraulic lines Rig is equipped with Hands-Free Gooseneck System
RISER TENSIONING	8-off dual NOV wireline riser tensioners (16 cylinders), **1,633 MT** combined capacity with a maximum net effective stroke of 12.5 ft
MOTION COMPENSATORS	Main: 1 × CMC-1000-25/2500, compensating capacity **453 MT**, tripping capacity 907 MT

12 STATION KEEPING & PROPULSION

DP CONTROL SYSTEM	Kongsberg Maritime, **DPS 4D + DPS i4** system, 2 × hydroacoustic positioning reference (HiPAP) + 2 × differential global positioning system (DGPS)
THRUSTERS	6 × 5,500 kW Rolls-Royce UUC-405 FP azimuth thrusters, underwater mountable / de-mountable type

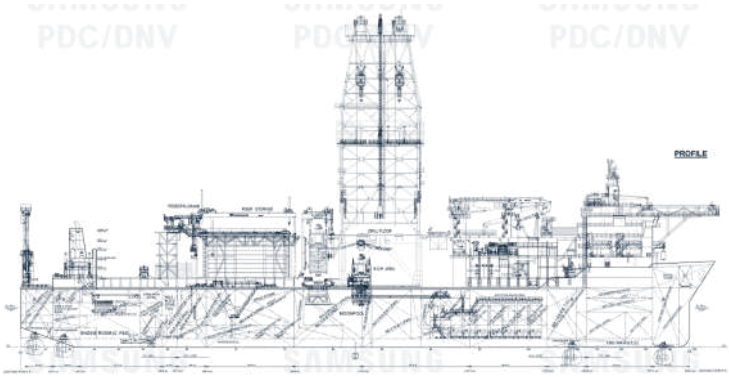
ZONDA · DRAWINGS

General Arrangement

04

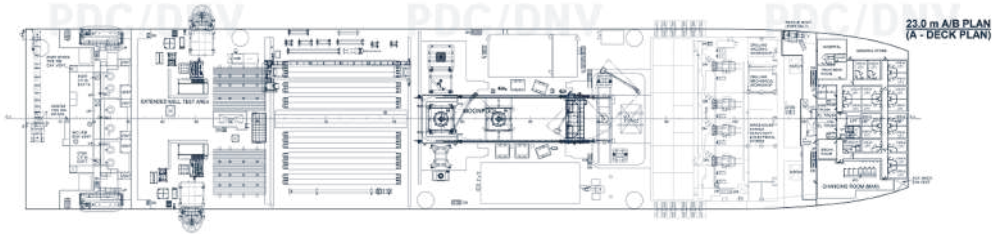
PROFILE

SIDE ELEVATION



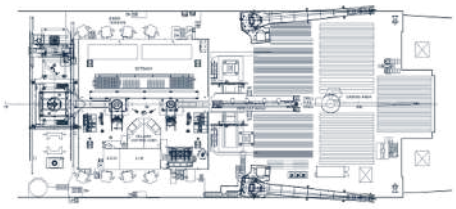
A-DECK PLAN

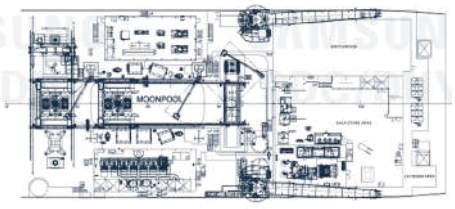
23.0 M A/B PLAN



UPPER DECK PLANS

36.0 M · 30.0 M A/B PLANS





GET IN TOUCH

For more information on Zonda

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REVISION · OCTOBER 2026

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