

# Noble Venturer



## General description

The Noble Venturer is a robust dual activity drill ship designed for reliable drilling and well abandonment operations in deepwater and ultra-deepwater depths. Its hull design with ample storage and deck space, supports efficient well construction, intervention, and decommissioning activities. The Noble Venturer has a proven track record of reducing well construction time by a relentless focus on efficiency. It is outfitted with a dual BOP system, CML managed pressure system and dual mud systems.

## General description

|                      |                                                                                        |
|----------------------|----------------------------------------------------------------------------------------|
| Design               | Samsung 96K                                                                            |
| Year built/upgraded  | 2014                                                                                   |
| Year entered service | 2014                                                                                   |
| Builder              | SHI, Korea                                                                             |
| Flag                 | Singapore                                                                              |
| Classification       | ABS, Drillship, A1, AMS, ACCU, DPS-3, BWT+, CRC, HELIDK(SRF), NBL, PMP,RW SH-DLA UWILD |
| MODU Code            | 2009                                                                                   |
| Overall Length       | 748 ft                                                                                 |
| Draft                | 39.4 ft (operating), 27.9 (transit)                                                    |
| Depth                | 62.3 ft                                                                                |
| Displacement         | 96,500 t                                                                               |
| Variable deck load   | 20,000 t                                                                               |
| Transit speed        | 12 knots                                                                               |
| Water depth          | 12,000 ft                                                                              |
| Drilling depth       | 40,000 ft                                                                              |
| Accommodation        | 230                                                                                    |
| Hook load            | 2.8MM lbs (main), 2.0MM lbs (aux)                                                      |
| Moonpool             | 84 ft x 41 ft                                                                          |

## Applications

|       |                      |                      |                   |         |
|-------|----------------------|----------------------|-------------------|---------|
| NORMS | Real Time Monitoring | Ops Performance Tool | H56               | OnTheGo |
|       |                      |                      | RigFlow/Rig Pulse |         |

These specifications are intended for general reference purposes only. Actual equipment may vary upon the contract situation and customer needs.

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## Storage capacity

|                |             |
|----------------|-------------|
| Liquid mud     | 15,970 bbls |
| Base oil       | 6,277 bbls  |
| Brine          | 4,887 bbls  |
| Bulk cement    | 15,962 cuft |
| Bulk bentonite | 7,981 cuft  |
| Bulk barite    | 7,981 cuft  |
| Sacks          | 5,000       |
| Fuel           | 39,000 bbls |
| Drill water    | 15,160 bbls |
| Potable water  | 8,960 bbls  |

## Drilling equipment

|                       |                                                                                                                                      |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Derrick               | 210 ft x 60 ft x 80 ft derrick to handle 135 ft tubular. 1 x NOV 2,500 kips crown block (main), 1 x NOV 2,000 kips crown block (aux) |
| Drawworks             | 1 x NOV AHD – 1250, 6,700 kW (main)<br>1 x NOV AHD – 1000, 5,100 kW (aux)                                                            |
| Motion Compensator    | AHC (main, aux)                                                                                                                      |
| Rotary Table          | 1 x Varco BJ RST 75-1/2" hydraulic (main)<br>1 x Varco BJ RST 60-1/2" hydraulic (aux)                                                |
| Top Drive             | 2 x TDX-1250, 2,500 kips rotating (main, aux)                                                                                        |
| Tubular Handling      | 2 x NOV Hydra racker HR-IV-ER                                                                                                        |
| Fingerboard capacity  | 375 stds 5 7/8" - 6 5/8", 90stds 5", 88 stds Casing                                                                                  |
| Mud Pumps             | 5 x NOV 14-P-220, 7,500 psi                                                                                                          |
| Solids Control System | 6 x VMS 300 shale shakers                                                                                                            |
| Iron Roughneck        | 1 x NOV ARN 200 (main), 105,000 ftlbs m/u<br>1 x NOV ARN 200 (aux), 105,000 ftlbs m/u                                                |

## Sub sea equipment

|              |                                                                                       |
|--------------|---------------------------------------------------------------------------------------|
| Dual BOP     | Yes                                                                                   |
| Diverter     | GE Vetco Gray-CSO, 21 1/4" x 500 psi                                                  |
| BOP stack    | 2 x HMM, 6 ram each, 18 3/4" x 15k psi, 1 x HMM Vetco Gray SHD-H4 well head connector |
| LMRP         | 2 x HMM GX 18-10, BTM FLG 18 3/4" x 10k psi, 1x HMM Vetco Gray HAR ExF H4 connector.  |
| C&K manifold | WOM 15K                                                                               |
| Marine riser | GE Vetco MR-6H SE, CLIP, 90 ft length, 10,000 ft                                      |
| Tensioners   | 16 x NOV DWRT-225-50, 225kips each, 50ft stroke                                       |
| XT Carts     | 1 x 230 t Xmas Tree Carrier,                                                          |

# Noble Venturer



Noble Venturer Rig Crew

## Power generation

|                  |                                            |
|------------------|--------------------------------------------|
| Closed Bus       | Yes                                        |
| Main power       | 6 x 7,248 kW, Doosan MAN at 720 rpm        |
| Electrical power | 6 x 7,000 kW, 11kV, generators             |
| Emergency power  | 1 x 1,900 kW STX, generator 1,350 kW, 450V |

## Cranes

|                  |                                                                              |
|------------------|------------------------------------------------------------------------------|
| Main cranes      | 4 x 85 MT electro-hydraulic knuckle-boom cranes at 18 m (59 ft) radius       |
| Subsea cranes    | N/A                                                                          |
| X-Mas Tree / BOP | 2 x 75 t Xmas Tree overhead crane to move Xmas trees well center w/ capacity |
| Other            | N/A                                                                          |

## Other Systems

|                     |                                                                 |
|---------------------|-----------------------------------------------------------------|
| MPD                 | CML EDR, control system EDR, Planned Q4 2027                    |
| Burner booms        | 1 x NOV 15,000 BOPD, Swan Neck Type                             |
| Dual Well Centers   | Yes                                                             |
| Automation          | Cyberbase, MMC, NOVOS                                           |
| Red Zone Management | NOV red zone manager with equipment control (installation 2026) |
| On the Go           | Yes                                                             |
| H56 Enabled         | No                                                              |
| Data Infrastructure | Real time monitoring                                            |
| Other               | N/A                                                             |

## Real Time Data Provision

| Drilling | VMS | BOP  |
|----------|-----|------|
|          |     | 2026 |

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## Unique Capabilities and Enhancements

|                   |                                                                                |
|-------------------|--------------------------------------------------------------------------------|
| Drill floor       | Identical topdrives on main and aux, TDX-1250, 2,500 kips rotating (main, aux) |
| Energy Efficiency | Closed bus power distribution system                                           |
| MPD               | CML system installed                                                           |

## Station keeping / Propulsion system

|                            |                                                                                 |
|----------------------------|---------------------------------------------------------------------------------|
| Mooring system             | N/A                                                                             |
| Mooring winches            | N/A                                                                             |
| Thrusters                  | 6 x 5,500 kW, FS3510/NU Wartsila LIPS fixed pitch, in water removable thrusters |
| DP system                  | Kongsberg K-Pos SDP-32 System for DPS-3 Operations                              |
| Position reference systems | 4 x HPR / 3 x DGPS                                                              |

