

Noble Viking



Drillship

General description

The Noble Viking 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 Viking has a proven track record of reducing well construction time by a relentless focus on efficiency. It is outfitted with a dual mud systems and an integrated MPD system.

General specification

Design	Samsung 96K
Year built/upgraded	2013
Year entered service	2013
Builder	SHI, Korea
Flag	Marshall Islands
Classification	ABS, Drilling Unit, 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	2.5MM lbs (main), 2.0MM lbs (aux)
Moonpool	84 ft x 41 ft

Applications

NORMS	Real Time Monitoring	Ops Performance Tool	H56	On The Go
			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	15,952 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) 1 x NOV AHD – 1000, 5,100 kW (aux)
Motion Compensator	AHC (main, aux) CMC (main, planned for 2027 installation)
Rotary Table	1 x Varco BJ RST 75-1/2" hydraulic (main) 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	7 x VMS 300 shale shakers
Iron Roughneck	2 x NOV ARN 200, 105,000 ftlbs m/u, 200,000 ftlbs b/o

Sub sea equipment

Diverter	GE Vetco Gray-CSO, 21 1/4" x 500 psi
Dual BOP	No
BOP stack	1 x HMH, 6 ram, 18 3/4" x 15k psi, 1 x HMH Vetco Gray SHD-H4 well head connector
LMRP	1 x HMH GX 18-10, BTM FLG 18 3/4" x 10k psi, 1x HMH 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 Viking



Noble Viking Rig Crew

Power generation

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 t electro-hydraulic knuckle-boom cranes at 18 m (59 ft) radius
Subsea cranes	N/A
X-Mas Tree / BOP	2 x 240 t, main blocks 1 x 15 t, port aux hook, 1 x 35 t, stb aux hook
Other	2 x 75 t Xmas Tree overhead crane to move Xmas trees well center w/ capacity

Other Systems

MPD	2 x 3" Powerchokes, Weatherford Victus control system, fully Noble operated
Burner booms	1 x Sebotech
Dual Well Centers	Yes
Automation	Cyberbase, MMC, NOVOS
Red Zone Management	Yes, Salunda Crew Hawk, sensor and wearable
On the Go	Ex Tablets and Ex Phones
H56 Enabled	Rig Flow, Rig Pulse
Data Infrastructure	Real time data monitoring
Other	N/A

Real Time Data Provision

Drilling	VMS	BOP
		2026

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Unique Capabilities and Enhancements

MPD	Noble owned and operated MPD system
Drill floor	Identical topdrives on main and aux, TDX-1250, 2,500 kips rotating (main, aux)

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 DP3 K-Pos DP32 + K-Pos DP12
Position reference systems	4 x HPR / 3 x DGPS

