

Noble Developer



Semisubmersible

General description

The Noble Developer is a robust, four legged, semisubmersible designed for reliable drilling, well intervention and well abandonment operations from shallow to ultra-deep water depths. Its upgraded hull, enhanced stability, and increased fluid storage capacity support efficient well construction, intervention, and decommissioning activities. The Noble Developer's moored station keeping system utilizing mooring lines and thrusters provide dependable performance in challenging offshore conditions with minimal environmental footprint.

General specifications

Design	DSS-21 Column Stabilized
Year built/upgraded	2008
Year entered service	2008
Builder	Keppel Fels, Singapore
Flag	Mashall Islands
Classification	ABS, Column Stabilized Drilling Unit, A1, AMS, ACCU Additional notations : CRC, PMP, ©
MODU Code	1995
Overall Length	384 ft
Draft	67.3 ft (operating), 31.8 ft (transit)
Depth	62.3 ft
Displacement	53,197 mt
Variable deck load	22,960 kips
Transit speed	4 knots
Water depth	10,000 ft (max), 310 ft (min)
Drilling depth	40,000 ft
Accommodation	180
Hook load	2MM lbs (main), 1.5MM lbs (aux)
Moonpool	141 ft x 29.5 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	18,870 bbls
Base oil	4,718 bbls
Brine	4,718 bbls
Bulk cement	24,014 cuft
Bulk bentonite	24,014 cuft total barite / bentonite
Bulk barite	24,014 cuft total barite / bentonite
Sacks	5,000
Fuel	25,160 bbls
Drill water	12,580 bbls
Potable water	5,220 bbls

Sub sea equipment

Diverter	1 x Hydrill FS, 21", 500 psi
Dual BOP	Yes
BOP stack	1 x GE Hydrill with 6 ram cavities 18 3/4" 15K, 1 x GE Vetco SHD H4 18 3/4" 15k wellhead Connector
LMRP	2 x Hydrill GX 18-10, BTM FLG 18 3/4", 10K
C&K manifold	15K psi
Marine riser	Aker Kvaerner Subsea, 21" OD, CLIP, 75 ft joints, 10,000ft
Tensioners	8 x NOV N-Line Tensioners 450 kips each with 50 ft stroke
XT Carts	Yes

Drilling equipment

Derrick	210 ft x 72 ft x 39 ft, 2,500 kips main, 1,500 kips aux
Drawworks	Wirth / GH 6000 EG-AC, 4,600 hp main, Wirth / GH 4500 EG-AC, 4,200 hp aux
Motion Compensator	CMC (main), AHC (main)
Rotary Table	NOV RST-605, 60 1/2" main, NOV RST-605 60 1/2" aux
Top Drive	1 x NOV HPS 1000, 90,800 ftlbs @ 130 rpm (main) 1 x NOV HPS 750, 64,175 ftlbs @ 94 rpm (aux)
Tubular Handling	2 x NOV Hydraracker
Fingerboard capacity	78 stds 6 5/8", 90 stds 5", 54 stds 3.5", 78 stds 16" csg, 90 stds 13 3/8" csg, 114 stds 9 5/8" csg
Mud Pumps	4 x Wirth TPK 7 1/2" x 14" , 2,200HP, 7,500 psi
Solids Control System	8 x MI Swaco BEM 650
Iron Roughneck	2 x NOV Hydratong, 103,000 ftlbs m/u, 147,000 ftlbs b/o

Noble Developer



Noble Developer Rig Crew

Cranes

Main cranes	1 x 60t Favelle Favco, 1 x NOV Knuckleboom pipe handling crane
Subsea cranes	1 x 165t NOV AHC Subsea Knuckleboom Crane
X-Mas Tree / BOP	2 x 50t Xmas Tree Overhead Crane
Other	N/A

Power generation

Main power	8 x 4,960 kW Wartsila 16V26 at 900 rpm
Electrical power	8 x 4,840 kW 11kV Generators
Emergency power	1 x 1,500 kW 690V CAT 3516B

Station keeping / Propulsion system

Mooring system	8 x mooring lines
Mooring winches	4 x 273t Brohl / CAMW - 35
Thrusters	8 x 4,000 kW Wartsila LIPS FS3500-671/NU
DP system	Kongsberg SDP 32, DP2+
Position reference systems	2 x HPR / 2 x DGPS

Other Systems

MPD	No
Flare booms	No
Dual Well Centers	Yes
Automation	Cyberbase, MMC, MPMA & RPS remotely controlled.
Red Zone Management	No
On the Go	Yes
H56 Enabled	Rig Flow, Rig Pulse
Data Infrastructure	Real time monitoring
Other	N/A

Real Time Data Provision

Drilling	VMS	BOP	MPD
		2026	2026

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Unique Capabilities and Enhancements

Water depth	The combination of DP and moorings provides the rig with the unique capability to operate from shallow waters (298 ft) to ultra-deep waters (9,625 ft)
Crane	165mt Active Heave Subsea Knuckle Boom Crane
Equipment Handling, Safety	PHKBC can be run via wireless remote. Removes the need for a Banksman or rigger for a lot of lifts
Equipment Handling, Safety	2x 50mt overhead winches in moon pool that can traverse the moon pool port to stbd.
Fluid System	Shakers can be run in a fully automated mode.
Fluid System	15,000psi nitrogen line from cement unit to rig floor
Fluid System	100bbl stand alone cement batch mixer

