

Noble Courage



Semisubmersible

General description

The Noble Courage 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 Courage DP station keeping system thrusters provide dependable performance in challenging offshore conditions with minimal environmental footprint.

General specification

Design	F&G ExD Millenium
Year built/upgraded	2009
Year entered service	2009
Builder	Jurong Shipyard PTE LTD
Flag	Marshall Islands
Classification	ABS, Column Stabilized Drilling Unit, A1, ©, AMS, DPS-2, CRC
MODU Code	1989
Overall Length	244 ft long x 244 ft wide
Draft	59 ft (drilling), 44 ft (transit)
Airgap	28 m (91.9 ft) at drilling draft
Displacement	46,700 t (operating)
Variable deck load	8,100 t (drilling). 5,600 t (transit)
Transit speed	6 knots
Water depth	10,000 ft
Drilling depth	40,000 ft
Accommodation	164
Hook load	2.0 MM lbs
Moonpool	135 ft x 29.5 ft

Applications

NORMS	Real Time Monitoring	Ops Performance Tool	On The Go
		2026	2026

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	18,986 bbls
Base oil	4,718 bbls
Brine	4,801 bbls
Bulk cement	17,057 cuft
Bulk bentonite	8,828 cuft
Bulk barite	8,528 cuft
Sacks	6,100
Fuel	21,043 bbls
Drill water	14,613 bbls
Potable water	10,676 bbls

Drilling equipment

Derrick	Aker MH AS Quad 210ft x 46ft x 52ft base, hook load capacity 2,500 kips
Drawworks	1 x Wirth GH-4500, three AC motors, 3,150hp
Motion Compensator	1 x Active/Passive compensator, 1,500 kips capacity with 25 ft stroke
Rotary Table	1 x Wirth RTSS, 60 1/2"
Top Drive	1 x Aker MH DDM-1000-AC w/retractable dolly
Tubular Handling	1 x Aker MH Vertical Pipe Handler 3 1/2" to 14"
Fingerboard capacity	P – 13,824 ft up to 5-7/8" OD DP – 26,112 ft up to 6-5/8" OD BHA – 2,362 ft up to 9 1/2" OD CSG – Adjustable fingerboard up to 14" OD
Mud Pumps	4 x Wirth TPK AS 2,200hp triplex, 7,500 psi
Solids Control System	6 x Derrick / FLC-503 VE
Iron Roughneck	2 x MHWirth RXN (main + offline standbuilding)

Sub sea equipment

Diverter	Vetco KFDS-CSO 60-1/2" Max Bore Size 20", 500 psi
Dual BOP	No
BOP stack	Cameron TL 18 3/4" 15,000psi six-ram preventer
LMRP	2 x Cameron DL 18 3/4" 10,000psi annular preventers
C&K manifold	15K
Marine riser	Cameron 21" Load King, 75ft length, vertical riser storage bay for 99 joints (7,425 ft)
Tensioners	6x 600 kips AKER MH AS, each 416.5 sT with 50 ft stroke
XT Carts	1x X-Mas Tree Trolley with 150 mT capacity

Noble Courage



Noble Courage Rig Crew

Power generation

Main power	
Electrical power	8 x 4,800 kW ABB / AMG 0710Lt08 LSE 900rpm
Emergency power	1 x 1,300 kW CAT 3512, 1,800 rpm

Cranes

Main cranes	2 x 100 ton Seatrax S10832 with 170 ft boom 1 x 15 ton Maritime Hydraulics knuckle-boom
Subsea cranes	N/A
X-Mas Tree / BOP	1 x MH gantry / 1x MH Gantry
Other	1 x MH vertical riser handling gantry

Other Systems

MPD	Ready (hard piping installed)
Burner booms	Deployable and retractable
Dual Well Centers	No
Automation	
Red Zone Management	Altave Intelligent Monitoring Video Analytics (rig floor and main deck)
On the Go	Yes
H56 Enabled	
Data Infrastructure	
Other	

Real Time Data Provision

Drilling VMS

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Unique Capabilities and Enhancements

Station keeping / Propulsion system

Mooring system	N/A
Mooring winches	N/A
Thrusters	8x Rolls Royce Ulstein Aquamaster, 3800 kW variable speed, fixed pitch, fully azimuthing
DP system	Kongsberg SDP-32 System for DPS-2 Operations
Position reference systems	