



West Capricorn

The West Capricorn is a 6th generation ultra-deepwater semi-submersible drilling rig with operational history in the U.S. Gulf of Mexico.



GENERAL (U.S.)

Built	2011 Jurong Shipyard Singapore
Design	Friede & Goldman ExD Millennium
Flag/Class	Panama / ABS / A1 Column Stabilized Drilling Unit, AMS, CDS, DPS2, HIMP, Circle E
Dimensions	324 ft Long / 258 ft Wide
Draft	56-65.6 ft Drilling / 27.9 ft Transit
Displacement	50,505-51,117 st Drilling 36,772 st Transit, 41,435 st @ 39.4 ft Deep Transit Draft
Variable Load	8,818 st Drilling / 6,283 st Transit
Accommodations	180 Persons
Helideck	Sikorsky S92, EH101
Max. Water Depth	10,000 ft Designed / 10,000 ft Outfitted
Max. Drilling Depth	37,500 ft

STATION KEEPING

Dynamic Positioning	Kongsberg DP 2
Thrusters	8 x Rolls Royce 4,500 HP Azimuthing
Transit Speed	Up to 7 Knots
Chains	AB GD36010798 R5 76mm Length – 1,900 m Proof Load – 5,498 kN
Winches	Farilleads UWF 300-7 Double Windlass W300 R 5

STORAGE CAPACITIES

Fuel	21,599 bbl
Drill Water	21,600 bbl
Potable Water	4,384 bbl
Active Liquid Mud	7,247 bbl
Reserve Liquid Mud	12,397 bbl
Bulk Bentonite / Barite	11,901 ft3
Bulk Cement	17,163 ft3
Sack Storage	6,200 Sacks

DRILLING PACKAGE

Derrick	Maritime Hydraulic 210 ft Tall with 46 ft x 52 ft Base Gross 2,500,000 lbs
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Top Drive	MH DDM 1000 Rated for 1000 st Hoisting Capacity, 2 x 1,150 HP AC Motors, Max. Continuous Torque 87,020 ft-lbs at 125 RPM
Drawworks	Wirth GH 4500 w/ 2" Drill Line Max. Line Pull 14 Lines of 2,283,000 lbs
Rotary Table	Wirth RTSS 60 1/2"
Compensator	MH Crown Mounted Rated for 1,000,000 lbs Compensated, 2,000,000 lbs Static
Tubular Handling	MH Hi-Pro Automated Racking System
Offline Capability	Offline Stand Building Arm / HRN
Mud Pumps	4 x Wirth TPK 2,200 HP
HP Mud System	Rated for 7,500 psi
Shale Shakers	8x Derrick DP 626

SUBSEA EQUIPMENT

BOP	1 x Cameron 18 3/4" 7 RAM 15,000 psi
Annular	2 x Cameron DL 18 3/4" 10,000 psi
Diverter	VETCO KFDS CSO 60 1/2"
Wellhead Connector	Cameron DWHC C-Pro
Riser	Cameron LK 75 ft Length 21" OD, 4" ID Boost Line
Tensioners	6 x MH DATs Max. Total Tension Applied at Ring 1,800 st, 50 ft Stroke

CRANES

Primary Cranes	2 x Seatrax Rated for 116 st at 49 ft Radius
Pipe Handling Crane	1 x HydRAMarine Rated for 10 st at 124 ft Radius
X-Mas Tree Handling	2 x 82 st, 165 st Total

POWER

Main Engines	8 x Caterpillar C280-16 6,785 HP Diesel Engines
Main Generators	8 x ABB 6,500 HP
Emergency Power	1 x Caterpillar 3512 B Diesel Engine 1 x Leroy Somer 2,180 HP Generator

OTHER INFORMATION

Trip Saver	AKMH Tripsaver. Temporarily Store BOP on Tensioners in Moonpool While Top Hole is Drilled
MPD	MPD ready

Further information: +47 51 30 90 00 – www.seadrill.com

The above information is intended for general reference only. All equipment and specifications are subject to change at any time. Revised October 2018.

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GENERAL (METRIC)

Built	2011 Jurong Shipyard Singapore
Design	Friede & Goldman ExD Millenium
Flag/Class	Panama / ABS / A1 Column Stabilized Drilling Unit, AMS, CDS, DPS2, HIMP, Circle E
Dimensions	98.82m Long / 78.68 m Wide
Draft	17-20 m Drilling / 8.5 m Transit
Displacement	45,830-46,386 mt Drilling 33,368 mt Transit, 37,600 mt @ 12m Deep Transit Draft
Variable Load	8,000 mt Drilling / 5,700 mt Transit
Accommodations	180 Persons
Helideck	Sikorsky S92, EH101
Max. Water Depth	3,048 m Designed / 3,048 m Outfitted
Max. Drilling Depth	10,668 M

STATION KEEPING

Dynamic Positioning	Kongsberg Dp 2
Thrusters	8 x Rolls Royce 3,300 kW Azimuthing
Transit Speed	Up to 3.6 m/s
Chains	AB GD36010798 R5 76mm Length – 6,234 ft Proof Load – 5,498 kN
Winches	Farilleads UWF 300-7 Double Windlass W300 R 5

STORAGE CAPACITIES

Fuel	3,434 m3
Drill Water	3,501 m3
Potable Water	697 m3
Active Liquid Mud	1,152 m3
Reserve Liquid Mud	1,971 m3
Bulk Bentonite / Barite	337 m3
Bulk Cement	486 m3
Sack Storage	6,200 Sacks

DRILLING PACKAGE

Derrick	Maritime Hydraulic 64 m Tall with 14 m x 16 m Base Gross 1,133,980 Kg
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Top Drive	MH DDM 1000 Rated for 907 mt Hoisting Capacity, 2 x 1,150 HP AC Motors, Max. Continuous Torque 117,983 nm at 125 RPM
Drawworks	Wirth GH 4500 w/ 50.8 mm Drill Line Max. Line Pull 14 Lines of 1,036 mt
Rotary Table	Wirth RTSS 153.7 cm
Compensator	MH Crown Mounted Rated for 454 mt Compensated, 907 mt Static
Tubular Handling	MH Hi-Pro Automated Racking System
Offline Capability	Offline Stand Building Arm/ HRM
Mud Pumps	4x Wirth TPK 1,655 kW
HP Mud System	Rated for 517 Bar
Shale Shakers	8x Derrick DP 626

SUBSEA EQUIPMENT

BOP	1 x Cameron 7 RAM 1,034 Bar
Annular	2 x Cameron DL 47.625 cm 689 Bar
Diverter	VETCO KFDS CSO 1.5367 m
Wellhead Connector	Cameron DWHC C-Pro
Riser	Cameron LK 22.86 m Length 0.5334 m OD 10.16 ID Boost Line
Tensioners	6 x MH DATs Max. Total Tension Applied at Ring 1,633 mt, 15.24 m Stroke

CRANES

Pedestal Cranes	2 x Seatrax Rated for 105 mt at 15 m Radius
Pipe Handling Crane	1 x HyDRAMarine Rated for 9 mt at 38 m Radius
X-Mas Tree Handling	2 x 75 mt, 150 mt Total

POWER

Main Engines	8 x Caterpillar C280-16 5,060 kW Diesel Engines
Main Generators	8 x ABB 4,800 kW
Emergency Power	1 x Caterpillar 3512 B Diesel Engine 1 x Leroy Somer 1,625 kW Generator

OTHER INFORMATION

Trip Saver	AKMH Tripsaver. Temporarily Store BOP on Tensioners in Moonpool While Top Hole is Drilled
MPD	MPD ready

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