

WEST PEGASUS

The West Pegasus is a 6th generation ultra-deepwater semisubmersible drilling rig with operational history offshore Mexico.



GENERAL (U.S.)

Built	2011 Jurong Singapore
Design	Moss CS 50 MK II
Flag/Class	Singapore / DNV
Dimensions	387.1 ft Long / 238.6 ft Wide
Draft	77 ft Drilling / 32.3 ft Transit
Displacement	64,982 st Drilling / 42,664 st Transit
Variable Load	10,381 st Drilling / 5,997 st Transit
Accommodations	192 Persons
Helideck	Sikorsky S61N & S92
Max. Water Depth	35,000 ft
Max. Drilling Depth	10,000 ft Designed / 10,000 ft Outfitted

STATION KEEPING

Dynamic Positioning	Kongsberg DP Class 3
Thrusters	8 x Rolls Royce Aquamaster 5096 HP Azimuthing
Transit Speed	Up to 8 Knots
Mooring Lines	Harbor Mooring Only
Mooring Winches	Harbor Mooring Only

STORAGE CAPACITIES

Fuel	19,719 bbl
Drill Water	9,082 bbl
Potable Water	4,931 bbl
Active Liquid Mud	2,484 bbl
Reserve Liquid Mud	10,366 bbl
Bulk Bentonite / Barite	13,349 ft ³
Bulk Cement	13,349 ft ³
Sack Storage	5,280 Sacks

DRILLING PACKAGE

Derrick	NOV 210 ft Tall with 49 ft x 52 ft Base Gross 2,000,000 lbs Gross Nominal Capacity
Top Drive	NOV HPS 1000 Rated for 1,000 st Hoisting Capacity, 2 x 1,150 HP AC Motors, Max. Continuous Torque 78,450 ft-lbs

Drawworks	NOV SSGD-1000, w/2" Drill Line Max. Line Pull 14 Lines of 2,000,000 lbs
Rotary Table	NOV RST 60 ½"
Compensator	NOV Crown Mounted Rated for 1,000,000 lbs Compensated, 2,000,000 lbs Static
Tubular Handling	NOV HR-IV Hydra Racker
Mud Pumps	4 x NOV 14-P-220, 2,200 HP
HP Mud System	Rated for 7,500 psi
Shale Shakers	6 x Derrick DP 626

SUBSEA EQUIPMENT

BOP	Shaffer 18 ¾" 6 RAM 15,000 psi
Annular	2 x Shaffer 18 ¾" 10,000 psi
Diverter	Shaffer Max. Bore 21.25"
Wellhead Connector	VETCO SHD H-4
Riser	Shaffer ft-h 75 ft Length 21" OD, 4" ID Boost Line
Tensioners	6 x NOV N-Line Max. Total Tension Applied at Ring 1,800 st, 50 ft Stroke

CRANES

Primary Cranes	2 x Liebherr Rated for 110 st at 32.8 ft Radius
Pipe Handling Crane	1 x NOV Knuckle Boom Rated for 8.3 st at 57 ft Radius
X-Mas Tree Handling	2 x 66 st, 132 st Total

POWER

Main Engines	4 x Rolls Royce 7,731 HP at 720 RPM 4 x Rolls Royce 5,150 HP at 720 RPM
Main Generators	4 x Siemens 6,983 HP at 720 RPM 4 x Siemens 4,665 HP at 720 RPM
Emergency Power	Main Engines Classified as Emergency Power

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 Singapore
Design	Moss CS 50 MK II
Flag/Class	Singapore / DNV
Dimensions	118 m Long / 72.72 m Wide
Draft	23.5 m drilling / 9.85 m transit
Displacement	58,967 mt drilling / 38,715 mt transit
Variable Load	9,420 mt drilling / 5,442 mt transit
Accommodations	192 Persons
Helideck	Sikorsky S61, S92
Max. Water Depth	3,048 m designed/ 3,048 m outfitted
Max. Drilling Depth	10,668 m

STATION KEEPING

Dynamic Positioning	Kongsberg DP Class 3
Thrusters	8 x Rolls Royce 3,800kW Azimuthing
Transit Speed	Up to 4.1 m/s
Mooring Lines	Harbor mooring only
Mooring Winches	Harbor mooring only

STORAGE CAPACITIES

Fuel	3,135 m ³
Drill Water	1,444 m ³
Potable Water	784 m ³
Active Liquid Mud	395 m ³
Reserve Liquid Mud	1,648 m ³
Bulk Bentonite / Barite	378 m ³
Bulk Cement	378 m ³
Sack Storage	6,200 sacks

DRILLING PACKAGE

Derrick	NOV 64 m tall with 15 m x 16 m base gross 908 mt gross nominal capacity
Top Drive	NOV HPS 1000 rated for 907 mt hoisting capacity, 2 x 858 kW AC motors, max continuous torque 106,350

Drawworks	NOV SSGD-1000 w/ 50.8 mm drill line Max. line pull 14 lines of 908 mt
Rotary Table	NOV RST 153.7 cm
Compensator	MH crown mounted rated for 454 mt compensated, 907 mt static
Tubular Handling	NOV HR-IV HydraRacker
Offline Capability	Offline stand building
Mud Pumps	4 x NOV 14-P-220 1,640 kW
HP Mud System	Rated for 517 bar
Shale Shakers	6 x Derrick DP 626

SUBSEA EQUIPMENT

BOP	1 x Shaffer 6 ram 1,034 bar
Annular	2 x Shaffer 47.625 cm 689 bar
Diverter	Shaffer 34.5 bar Max. bore 0.5461 m
Wellhead Connector	Cameron EVO CON Wellhead Connector Assembly 47.625 cm 1,034 bar WP
Riser	Shaffer FT-H 22.86 m length 0.5334 m
Tensioners	6 x NOV N-Line Max. total tension applied at ring 1,633 mt, 15.24 m stroke

CRANES

Pedestal Cranes	2 x Liebherr rated for 100 mt at 10 m radius
Pipe Handling Crane	1 x NOV knuckle boom rated for 7.5 mt at 17.5 m radius
X-Mas Tree Crane	2 x 60 mt, 120 mt total

POWER

Main Engines	4 x Rolls Royce 5,765 kW at 720 RPM 4 x Rolls Royce 3,840 kW at 720 RPM
Main Generators	4 x Siemens 6,511 kVA at 720 RPM 4 x Siemens 4,350 kVA at 720 RPM
Emergency Power	Main engines classified as emergency power

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