



WEST VELA

The West Auriga is a 6th generation ultra-deepwater Drillship with operational history in the U.S. Gulf of Mexico.

GENERAL (U.S)	
Built	2013 Samsung Heavy Industries
Design	Samsung 12,000
Flag/Class	Panama / ABS
Dimensions	748 ft Long / 137.8 ft Wide
Draft	39.4 ft Drilling / 27.9 ft Transit
Displacement	106,000 st Drilling / 71,500 st Transit
Variable Load	22,047 st Drilling / 18,188 st Transit
Accommodations	200 Persons
Helideck	Sikorsky S92, MIL-Mi-8
Max. Drilling Depth	12,000 ft Designed / 10,000 ft Outfitted
Max. Water Depth	37,500 ft
STATION KEEPING	
Dynamic Positioning	Kongsberg Class 3
Thrusters	6 x Rolls Royce 6,035 HP Azimuthing
Transit Speed	Up to 11.5 Knots
Mooring Lines	Harbor Mooring Only
Mooring Winches	Harbor Mooring Only
STORAGE CAPACITIES	
Fuel	37,793 bbl
Drill Water	15,362 bbl
Potable Water	9,132 bbl
Active Liquid Mud	6,544 bbl
Reserve Liquid Mud	6,318 bbl
Bulk Bentonite / Barite	15,962 ft ³
Bulk Cement	15,962 ft ³
DRILLING PACKAGE	
Derrick	Dual NOV 210 ft Tall with 80 ft x 60 ft Base. 1,250 + 1,000 st Gross Nominal Capacity
Top Drive	Main: NOV TDX 1250 Rated for 1,250 st Hoisting Capacity, 2 x 1,340 HP AC motors, Max. Continuous Torque 105,000 ft-lbs at 125 RPM Aux: NOV TDX 1000 Rated for 1,000 st Hoisting Capacity, 2 x 1,150 HP AC Motors, Max. Continuous Torque 78,450 ft-lbs

Drawworks	Main: NOV Dreco w/ 2" Drill Line Max. Line Pull 16 Lines of 2,500,000 lbs Aux: NOV Dreco w/2" drill line Max. Line Pull 14 Lines 2,000,000 lbs
Rotary Table	Main: VARCO RST 75.5" Aux: VARCO RST 60.5"
Compensator	Main: NOV Crown Mounted Rated for 766 st Compensated, 1,250 st Static Aux: NOV Crown Mounted Rated for 500 st Compensated, 1,000 st Static
Tubular Handling	NOV Automated Hydraracker
Mud Pumps	4 x NOV 14-P-220 2,200 HP
HP Mud System	Rated for 7,500 psi
Shale Shakers	6 x NOV VSM 300
SUBSEA EQUIPMENT	
BOP	2 x NOV 18 3/4" 7 RAM 15,000 psi
Annular	2 x Shaffer 18 3/4" 10,000 psi
Diverter	Shaffer Max. Bore 21-1/4"
Wellhead Connector	VETCO SHD
Riser	Shaffer ft-h 90 Ft Length 21" OD, 4" ID Boost Line
Tensioners	8 x Dual Shaffer 112.5 st Capacity EA, 50 ft Line Travel
CRANES	
Primary Cranes	3 x NOV Hydralift Knuckle Boom Rated for 93.6 st at 62.3 ft Radius
X-Mas Tree Handling	NOV Heave Compensatd Knuckle Boom Rated for 181.9 st at 59ft
POWER	
Main Engines	6 x STX-MAN 16V32/40 10,877 HP Diesel Engines
Main Generators	6 x ABB 9,387 HP @ 0.8 P.F.
Emergency Power	1 x MTU 2,145 HP Diesel Engine 1 x Leroy Somer 1,350 kW Generator @ 0.8 P.F.

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 6 January 2017.

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GENERAL (U.S)	
Built	2013 Samsung Heavy Industries
Design	Samsung 12,000
Flag/Class	Panama / DVN
Dimensions	28 ft Long / 42 ft Wide
Draft	12 ft Drilling / 8.5 ft Transit
Displacement	96,189 st Drilling / 64,882 st Transit
Variable Load	22,000 st Drilling / 16,500 st Transit
Accommodations	200 Persons
Helideck	Sikorsky S92, MIL-Mi-8
Max. Drilling Depth	3,660 ft Designed / 3,048 ft Outfitted
Max. Water Depth	11,433 m
STATION KEEPING	
Dynamic Positioning	Kongsberg Class 3
Thrusters	6 x Rolls Royce 4,500 KW Azimuthing
Transit Speed	Up to 5.9 m/s
Mooring Lines	Harbor Mooring Only
Mooring Winches	Harbor Mooring Only
STORAGE CAPACITIES	
Fuel	6,009 m ³
Drill Water	2,442 m ³
Potable Water	1,452 m ³
Active Liquid Mud	1,040 m ³
Reserve Liquid Mud	1,004 m ³
Bulk Bentonite / Barite	452 m ³
Bulk Cement	452 m ³
DRILLING PACKAGE	
Derrick	Dual NOV 64 m Tall with 24.4 m x 18.3 Base. 1,134 + 907 mt Gross Nominal Capacity
Top Drive	Main: NOV TDX 1250 Rated for 1,134 mt Hoisting Capacity, 2 x 999 KW AC motors, Max. Continuous Torque 142,360 NM at 125 RPM Aux: NOV TDX 1000 Rated for 907 mt Hoisting Capacity, 2 x 858 KW AC Motors, Max. Continuous Torque 106,364 NM

Drawworks	Main: NOV DRECO w/ 50.8 mm Drill Line Max. Line Pull 16 Lines of 1,134 mt Aux: NOV DRECO w/ 50.8 mm drill line Max. Line Pull 14 Lines 907mt
Rotary Table	Main: VARCO RST 755 Aux: VARCO RST 605"
Compensator	Main: NOV Crown Mounted Rated for 695 mt Compensated, 1,134 mt Static Aux: NOV Crown Mounted Rated for 454 mt Compensated, 907 mt Static
Tubular Handling	NOV Automated Hydraracker
Mud Pumps	4 x NOV 14-P-220 1,640 kW
HP Mud System	Rated for 517 bar
Shale Shakers	6 x NOV VSM 300
SUBSEA EQUIPMENT	
BOP	2 x NOV 47.625 cm 7 RAM 1,034 bar
Annular	2 x Shaffer DL 47.625 cm 689 bar
Diverter	Shaffer Max. Bore 0.53975 m
Wellhead Connector	VETCO SHD
Riser	Shaffer ft-h 27.43 m Length 0.5334 m OD 10.16 ID Boost Line
Tensioners	8 x Dual Shaffer 102 mt Capacity EA, 15.24 ft Line Travel
CRANES	
Primary Cranes	3 x NOV Hydralift Knuckle Boom Rated for 83 mt at 19 mt Radius
X-Mas Tree Handling	NOV Heave Compensatd Knuckle Boom Rated for 165 mt at 18 m
POWER	
Main Engines	6 x STX-MAN 16V32/40 8,000 kW Diesel Engines
Main Generators	6 x ABB 7,000 kW @ 0.8 P.F.
Emergency Power	1 x MTU 1,600 kW Diesel Engine 1 x Leroy Somer 1,350 kW Generator @ 0.8 P.F.

