

West Carina

The West Carina is a 6th generation ultra-deepwater Drillship with operational history offshore Brasil.



GENERAL (U.S.)

Built	2014 Samsung Heavy Industries
Design	Samsung 12,000
Flag/Class	Panama / ABS
Dimensions	748 ft Long / 137.8 ft Wide
Draft	39.4 ft Drilling / 29.5 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 S61N & S92, MIL-Mi-8
Max. Water Depth	12,000 ft Designed / 10,000 ft Outfitted
Max. Drilling 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	4 x20-ton x 15m/min Elect high driven

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 ft3
Bulk Cement	15,962 ft3

DRILLING PACKAGE

Derrick	Dual NOV 210 ft Tall with 80 ft x 60ft 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.

Top Drive	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 Drecto w/ 2" Drill Line Max. Line Pull 16 Lines of 2,500,000 lbs Aux: NOV Drecto 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	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 C/K LINE, WA, 90' 5-1/4", 6.5"ODx4.5" IDx15M, FT-GHYD CONDUIT LINE, WA, 90'-
MPD	MPD Equipped
Tensioners	8 x Dual Shaffer 112.5 st Capacity EA, 50 Ft Line Travel

CRANES

Primary Cranes	4 x NOV Knuckle Boom (3 x 85 MT Deck Crane / 1 x 165 MT AHC Crane)
X-mas Tree Crane	NOV Heave Compensated Knuckle Boom Rated for 165 mt

POWER

Main Engines	6 x Hyundai-Himsen 16H32/40V 8,000 kW each set Diesel Engines
Main Generators	6 x ABB 9,387 HP @ 0.8 P.F.
Emergency Power	STX type QSK60DMGE 1 set, 1350 kW @ 450 V 60 H

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.

West Carina

The West Carina is a 6th generation ultra-deepwater Drillship with operational history offshore Brasil.



GENERAL (METRIC)

Built	2014 Samsung Heavy Industries
Design	Samsung 12,000
Flag/Class	Panama / ABD
Dimensions	228 m Long / 42 m Wide
Draft	12 m Drilling / 8.5 m Transit
Displacement	96,189 mt Drilling / 64,882 mt Transit
Variable Load	20,000 mt Drilling / 16,500 mt Transit
Accommodations	200 Persons
Helideck	Sikorsky S61N & S92, MIL-Mi-8
Max. Water Depth	3,660 m Designed / 3,048 m Outfitted
Max. Drilling 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	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 ft3
Bulk Cement	15,962 ft3

DRILLING PACKAGE

Derrick	Dual NOV 64 m Tall with 24.4 m x 18.3 m Base 1,134 + 907 mt 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

Top Drive	Hoisting Capacity, 2x 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 lb 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	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 C/K LINE, WA, 90' 5-1/4", 6.5"ODx4.5" IDx15M, FT-GHYD CONDUIT LINE, WA, 90'-
MPD	MPD Equipped
Tensioners	8 x Dual Shaffer 102 mt Capacity EA, 15.24 m Line Travel

CRANES

Primary Cranes	4xNOV Knuckle Boom (3 x 85 MT Deck Crane/1 x 165 MT AHC Crane
X-mas Tree Crane	NOV Heave Compensated Knuckle Boom Rated for 165 mt

POWER

Main Engines	6 x Hyundai-Himsen 16H32/ 40V 8,000 kW each set Diesel Engines
Main Generators	6 x ABB 7,000 kW @ 0.8 P.F.
Emergency Power	STX type QSK60DMGE 1 set, 1350 kW @ 450 V 60 H

West Carina

The West Carina is a 6th generation ultra-deepwater Drillship with operational history offshore Brasil.

