

WEST NEPTUNE

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



GENERAL (U.S.)

| | |
|---------------------|--|
| Built | 2014 Samsung Heavy Industries |
| Design | Samsung 12,000 |
| Flag/Class | Panama / DNV |
| 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-M1-8 |
| Max. Water Depth | 12,000 ft Designed / 10,000 ft Outfitted |
| Max. Drilling Depth | 37,500 ft |

STATION KEEPING

| | |
|---------------------|-------------------------------------|
| Dynamic Positioning | Kongsberg DYNPOS-AUTRO 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 | 9,131 bbl |
| Active Liquid Mud | 6,544 bbl |
| Reserve Liquid Mud | 9,435 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 | 1 x EA Main + Aux 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 |

| | |
|------------------|---|
| Drawworks | Main: NOV Dreco w/ 2" Drill Line Max. Line Pull 16 Lines of 1,250 st NOV Dreco w/2" Drill Line Max. Line Pull 14 Lines 1,000 st |
| 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 NXT 15,000 psi |
| Annular | 2 x Shaffer 18 3/4" 10,000 psi |
| Diverter | Shaffer Max Bore 21-1/4" |
| Wellhead Connector | Drill-Quip DX-DW Dressed for 27" Wellhead |
| Riser | Shaffer 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 Compensated Knuckle Boom Rated for 181.9 st at 59 ft |

POWER

| | |
|-----------------|---|
| Main Engines | 6 x Himsen 16H32/40V 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. |

WEST NEPTUNE

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



GENERAL (METRIC)

| | |
|---------------------|--|
| Built | 2014 Samsung Heavy Industries |
| Design | Samsung 12,000 |
| Flag/Class | Panama / DNV |
| 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 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 Dynpos-Autro 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 | 11,500 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 m Base 1,134 + 907 mt Gross Nominal Capacity |
| Top Drive | 1 x EA Main + Aux 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 |

| | |
|-------------------------|--|
| 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 907 mt |
| 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 | Drill-Quip DX-DW Dressed for 68.54 cm Wellhead |
| Riser | Shaffer 27.43 m Length 0.5334 m OD 10.16 ID Boost Line |
| Tensioners | 8 x Dual Shaffer 102 mt Capacity EA 15.24 m Line Travel |
| CRANES | |
| Primary Cranes | 3 x NOV Hydralift Knuckle Boom Rated for 85 mt at 19 m Radius |
| X-Mas Tree Handling | NOV Heave Compensated Knuckle Boom Rated for 165 mt at 18 m |
| POWER | |
| Main Engines | 6 x Himsen 16H32/40V 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. |