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

### GENERAL (U.S.)
- **Built**: 2008 Jurong Shipyard Singapore
- **Design**: Friede & Goldman ExD Millennium
- **Flag/Class**: Panama / ABS / CDS, DPS2
- **Dimensions**: 380 ft Long / 298 ft Wide
- **Draft**: 59 - 65.6 ft Drilling / 27.6 ft Transit
- **Displacement**: 47,840 - 51,478 st Drilling / 36,376 st Transit
- **Variable Load**: 7,760 st Drilling / 5,516 st Transit
- **Accommodations**: 180 Persons
- **Helideck**: Sikorsky S92, EH101
- **Max. Water Depth**: 10,000 ft Designed / 10,000 ft Outfitted
- **Max. Drilling Depth**: 35,000 ft

### STATION KEEPING
- **Dynamic Positioning**: Kongsberg DP2
- **Thrusters**: 8 x Rolls Royce 4,500 HP Azimuthing
- **Transit Speed**: Up to 6 Knots
- **Mooring Lines**: Harbor Mooring Only
- **Mooring Winches**: Harbor Mooring Only

### STORAGE CAPACITIES
- **Fuel**: 21,270 bbl
- **Drill Water**: 14,739 bbl
- **Potable Water**: 4,766 bbl
- **Active Liquid Mud**: 6,808 bbl
- **Reserve Liquid Mud**: 12,333 bbl
- **Bulk Bentonite / Barite**: 11,283 ft³
- **Bulk Cement**: 15,531 ft³
- **Sack Storage**: 6,100 Sacks

### DRILLING PACKAGE
- **Derrick**: Maritime Hydraulic 210 ft Tall with 46 ft x 52 ft Base Gross 2,500,000 lbs
- **Top Drive**: NOV TDX 1250 Rated for 1250 st Hoisting Capacity, 2 x 1,150 HP AC Motors, Max. Continuous Torque 94,740 ft-lbs at 130 RPM
- **Drawworks**: Wirth GH 4500 w/ 2” Drill Line
  - Max. Line Pull 14 Lines of 2,283,000 lbs
- **Rotary Table**: Wirth RTSS 60 ½”
- **Compensator**: MH Crown Mounted Rated for 1,000,000 lbs Compensated, 2,500,000 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**: 8 x DERRICK 503 VE

### SUBSEA EQUIPMENT
- **BOP**: 1 x Cameron 18 ¾” 6 RAM 15,000 psi
- **Annular**: 2 x Cameron DL 18 ½” 10,000 psi
- **Diverter**: VETCO KFDS CSO 60 ½”
- **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
- **Wellhead Connector**: Cameron EVO Con with Adapter to Fit onto Standard 27” H-4 Wellhead

### CRANES
- **Pedestal Cranes**: 2 x Seatrax Rated for 120 st at 105 ft Radius
- **Pipe Handling Crane**: 1 x Hydramarine Rated for 16 st at 115 ft Radius
- **X-Mas Tree Handling**: 2 x 82 st, 165 st Total

### POWER
- **Main Engines**: 8 x Caterpillar 3616 6,500 HP Diesel Engines
- **Main Generators**: 8 x ABB 6,500 HP

### OTHER INFORMATION
- **Trip Saver**: AKMH Tripsaver. Temporarily Relocate Riser String Away from Well Center
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### GENERAL (METRIC)
- **Built:** 2008 Jurong Shipyards Singapore
- **Design:** Frieze & Goldman ExD Millenium
- **Flag/Class:** Panama / ABS / CDS, DPS2
- **Dimensions:** 115.7 m Long / 90.4 m Wide
- **Draft:** 17-20 m Drilling / 8.2 m Transit
- **Displacement:** 43,400 - 46,700 mt Drilling / 33,000 mt Transit
- **Variable Load:** 7,040 mt Drilling / 5,000 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 6 Knots
- **Mooring Lines:** Harbor Mooring Only
- **Mooring Winches:** Harbor Mooring Only

### STORAGE CAPACITIES
- **Fuel:** 3,381 m³
- **Drill Water:** 2,343 m³
- **Potable Water:** 757 m³
- **Active Liquid Mud:** 1,082 m³
- **Reserve Liquid Mud:** 1,960 m³
- **Bulk Bentonite / Barite:** 319 m³
- **Bulk Cement:** 439 m³
- **Sack Storage:** 6,100 Sacks

### DRILLING PACKAGE
- **Derrick:** Maritime Hydraulics 64 m Tall with 14 m x 16 m Base Gross 1,133,980 Kg
- **Top Drive:** NOV TDX 1250 Rated for 1,134 mt Hoisting Capacity, 2 x 858 kW AC Motors, Max.

### SUBSEA EQUIPMENT
- **BOP:** 1 x Cameron 6 RAM 1,034 Bar
- **Annular:** 2 x Cameron DL 47.625 cm 689 Bar
- **Diverter:** VETCO KFDS CSO 1.5367 m
- **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
- **Wellhead Connector:** Cameron EVO Con w/ Adapter to Fit onto Standard 68.58 cm H-4 Wellhead

### CRANES
- **Pedestal Cranes:** 2 x Seatrax Rated for 108 mt at 32 m Radius
- **Pipe Handling Crane:** 1 x Hydramarine Rated for 15 mt at 35 m Radius
- **X-Mas Tree Handling:** 2 x 75 mt, 150 mt Total

### POWER
- **Main Engines:** 8 x Caterpillar 3616 4,800 kW Diesel Engines
- **Main Generators:** 8 x ABB 4,800 kW
- **Emergency Power:** 1 x Caterpillar 3512 B Diesel Engine 1 x Leroy Somer 1,300 kW Generator

### OTHER INFORMATION
- **Trip Saver:** AKMH Tripsaver, Temporarily Relocate Riser String Away from Well Center
WEST SIRIUS
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The above information is intended for general reference only. All equipment and specifications are subject to change at any time. Revised 25 June 2015.