

## West Auriga

The West Auriga is a 7th generation ultra-deepwater dual activity drillship with operational history in the U.S. Gulf of Mexico.



### GENERAL (U.S.)

Built	2013 Samsung, South Korea
Design	Samsung 12,000
Flag/Class	Panama / ABS
Dimensions	748 ft x 137 ft
Draft	27.9 ft (transit) 39.4 ft (operating)
Displacement	96,500 st (at loadline)
Variable Load	18,150 st (transit) 22,000 st (drilling)
Accommodations	200
Helideck	Sikorsky S92 & MIL-Mi-8, 14.3 st
Max. Water Depth	12,000 ft design
Max. Drilling Depth	37,500 ft

### STATION KEEPING

Dynamic Positioning	DPS-3
Thrusters	6 x Rolls Royce 6,000 hp
Transit Speed	Up to 11.5 kn
Mooring Lines	Harbour mooring only
Mooring Winches	Harbour mooring only

### STORAGE CAPACITIES

Fuel	37,000 bbl
Drill Water	15,000 bbl
Potable Water	8,900 bbl
Active Liquid Mud	6,400 bbl
Reserve Liquid Mud	6,050 bbl
Bulk Bentonite / Barite	15,900 ft <sup>3</sup>
Bulk Cement	15,900 ft <sup>3</sup>

### DRILLING PACKAGE

Derrick	1 x 1,000 st + 1 x 1,250 st
Top Drive	NOV HPS-1000 + TDX 1250
Drawworks	5,750 hp 1,000 st + 6,900 hp 1,250 st
Rotary Table	NOV RST 60.5 in + 75.5 in
Compensator	NOV CMC 1,000 st + 1,250 st
Tubular Handling	2 x NOV Hydraracker IV
Mud Pumps	4 x NOV 14-P-220 2,200 hp
HP Mud System	7,500 psi
Shale Shakers	6 x NOV Brandt VSM 300

### SUBSEA EQUIPMENT

BOP	NOV NXT 7 ram 15,000 psi 18-3/4 in 2 x BOP outfitted
Annular	2 x NOV SBOP 10,000 psi 18-3/4 in
Diverter	NOV Shaffer 21-1/4 in
Wellhead Connector	Vetco SHD H4 18-3/4 in
Riser	NOV Shaffer FT-H 90 ft
MPD	NOV / AF Global
Tensioners	8 x NOV dual wire 1,800 st

### CRANES

Primary Cranes	3 x NOV Hydralift 93.5 st 1 x NOV Hydralift 181.5 st (AHC)
X-mas Tree Crane	Primary Crane

### POWER

Main Engines	6 x MAN 10,500 hp
Main Generators	6 x ABB 9,200 hp
Emergency Power	1 x MTU 2,100 hp

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### GENERAL (METRIC)

Built	2013 Samsung, South Korea
Design	Samsung 12,000
Flag/Class	Panama / ABS
Dimensions	228 m x 42 m
Draft	8.5 m (transit) 12 m (operating)
Displacement	87,700 mt (at loadline)
Variable Load	16,500 mt (transit) 20,000 mt (drilling)
Accommodations	200
Helideck	Sikorsky S92 & MIL-Mi-8, 13 mt
Max. Water Depth	3,600 m design
Max. Drilling Depth	11,400 m

### STATION KEEPING

Dynamic Positioning	DPS-3
Thrusters	6 x Rolls Royce 4,560 kW
Transit Speed	Up to 5.6 m/s
Mooring Lines	Harbour mooring only
Mooring Winches	Harbour mooring only

### STORAGE CAPACITIES

Fuel	5,800 m <sup>3</sup>
Drill Water	2,300 m <sup>3</sup>
Potable Water	1,400 m <sup>3</sup>
Active Liquid Mud	1,000 m <sup>3</sup>
Reserve Liquid Mud	960 m <sup>3</sup>
Bulk Bentonite / Barite	450 m <sup>3</sup>
Bulk Cement	450 m <sup>3</sup>

### DRILLING PACKAGE

Derrick	1 x 907 mt + 1 x 1,130 mt
Top Drive	NOV HPS-1000 + TDX 1250
Drawworks	4,370kW 907 mt + 5,200kW 1,130 mt
Rotary Table	NOV RST 1.5 m + 1.9 m
Compensator	NOV CMC 907 mt + 1,130 mt
Tubular Handling	2 x NOV Hydraracker IV
Mud Pumps	4 x NOV 14-P-220 1,640 kW
HP Mud System	517 bar
Shale Shakers	6 x NOV Brandt VSM 300

### SUBSEA EQUIPMENT

BOP	NOV NXT 7 ram 1,034 bar 47.6 cm 2 x BOP outfitted
Annular	2 x NOV SBOP 690 bar 47.6 cm
Diverter	NOV Shaffer 54 cm
Wellhead Connector	Vetco SHD H4 47.6 cm
Riser	NOV Shaffer FT-H 27.5 m
MPD	NOV / AF Global
Tensioners	8 x NOV dual wire 1,630 mt

### CRANES

Primary Cranes	3 x NOV Hydralift 85 mt 1 x NOV Hydralift 165 mt (AHC)
X-mas Tree Crane	Primary Crane

### POWER

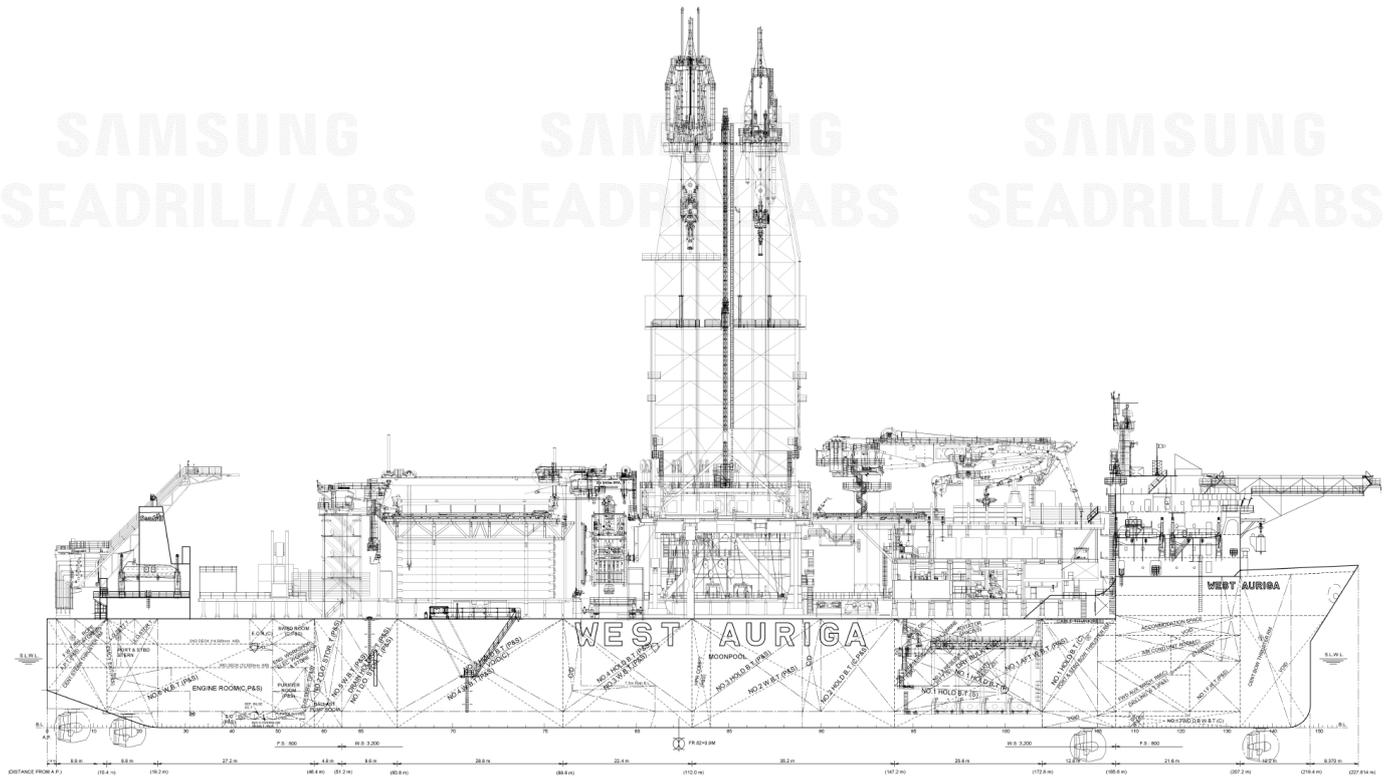
Main Engines	6 x MAN 8,000 kW
Main Generators	6 x ABB 6,900 kW
Emergency Power	1 x MTU 1,600 kW

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West Auriga – Side View



West Auriga – Top View

