

West Mira

The West Mira is a winterized 6th generation semi-submersible unit designed to work in both benign and harsh environments



GENERAL (U.S.)

Built	2015 Hyundai Samho heavy industries
Design	MOSS CS60
Flag/Class/Notations	Panama / DNV / 1A1, DP3
Dimensions	402 FT long / 255 FT wide
Draft	77 FT drilling / 36 FT transit
Displacement	84,854 ST drilling / 58,406 ST transit
Variable Load	TBD
Accommodations	150 persons
Helideck	S-92 / EH101 / AW 101
Max. Water Depth	10,000 FT designed / 3,281 FT outfitted
Max. Drilling Depth	40,000 FT

STATION KEEPING

Dynamic Positioning	Kongsberg DP 3, Dynpos Auto Posmoor ATA
Thrusters	8X Rolls Royce 5,600 HP AZIMUTHING
Transit Speed	TBD
Mooring Lines	8X 7,218 FT + 4X 1,476 FT PRELAY 3.3" CHAIN
Anchor Winches	12X (4 SETS OF 3) MH Wirth Pusnes 8400CU 868 HP EA Electric VFD

STORAGE CAPACITIES

Fuel	29,185 BBL
Drill Water	11,007 BBL
Potable Water	4,937 BBL
Active Liquid Mud	6,038 BBL
Reserve Liquid Mud	7,862 BBL
Bulk Bentonite / Barite	13,137 FT3
Bulk Cement	13,137 FT3
Sack Storage (50 LB SACKS)	8,800 SACKS

DRILLING PACKAGE

Derrick	MH 295 FT tall with 49.1 FT X 52.4 FT base gross nominal capacity 2,000,000 LBS
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Top Drive	MH wirth DDM 1000 rated for 1000 ST hoisting capacity, 2X 1,200 HP AC motors, max continuous torque 87,032 FT-LBS at 125 RPM
Drawworks	MH WIRTH GH 6,000 HP W/ 2" drill line max line pull 14 lines of 2,000,000 LBS
Rotary Table	MH Wirth RST755 75 1/2"
Compensator	MH wirth crown mounted rated for 1,000,000 LBS compensated, 2,300,000 LBS static
Tubular Handling	MH Wirth automated racking system
Offline Capability	Offline stand building ARM / HRN
Mud Pumps	4X MH wirth TPK 2,200 HP
HP Mud System	Rated for 7,500 PSI
Shale Shakers	6X Derrick DP600VE
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SUBSEA EQUIPMENT

BOP	Dual Bop 2X Cameron 18 3/4" 6 RAM 15,000 PSI
Annular	2X Cameron 18 3/4" 10,000 PSI
Diverter	Cameron Max Bore 21 1/4"
Riser	Cameron LK 75 FT length 21" OD, 4" ID boost line
Tensioners	8X MH Wirth dual wireline 224.8 ST capacity each, 65 FT line travel
Wellhead Connector	Cameron EVO con for 27" wellhead

CRANES

Primary Cranes	2 X NOV 73 ST at 59 FT radius 6.56 FT SIG wave
Pipe Handling Crane	1X MH Wirth Knuckle Boom
X-Mas Tree Crane	132 ST main + 5.5 ST AUX

POWER

Main Engines	8X Himsen 12H32 8,200 HP diesel engines
Main Generators	8X GE 8,200 HP

OTHER INFORMATION

Winterized

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.

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GENERAL (METRIC)

Built	2015 Hyundai Samho heavy industries
Design	MOSS CS60
Flag/Class	Panama / DNV / 1A1, DP3
Dimensions	122.5m long / 77.8m wide
Draft	23.5m drilling / 11.1m transit
Displacement	77,000 MT drilling / 53,000 MT transit
Variable Load	TBD
Accommodations	150 persons
Helideck	S-92 / EH101 / AW 101
Max. Water Depth	3,000m designed / 1,000m outfitted
Max. Drilling Depth	12,200 FT

STATION KEEPING

Dynamic Positioning	Kongsberg DP 3, Dynpos Auto Posmoor ATA
Thrusters	8X Rolls Royce 4,200 KW AZIMUTHING
Transit Speed	TBD
Mooring Lines	8X 2,200m + 4X 450m PRELAY 84mm CHAIN
Anchor Winches	12X (4 SETS OF 3) MH Wirth Pusnes 8400CU 647 KW EA Electric VFD

STORAGE CAPACITIES

Fuel	4,640m ³
Drill Water	1,750m ³
Potable Water	785m ³
Active Liquid Mud	960m ³
Reserve Liquid Mud	1,250m ³
Bulk Bentonite / Barite	372m ³
Bulk Cement	372m ³
Sack Storage	8,800 SACKS

DRILLING PACKAGE

Derrick	MH 90 M tall with 15 M X 16 M base gross nominal capacity 908 MT
Top Drive	MH wirth DDM 1000 rated for 907 MT hoisting capacity, 2X 894 KW AC motors, MAX continuous torque 118 KNM AT 125 RPM

Drawworks	MH Wirth 4,474 KW W/ 50.8mm drill line max line pull 14 lines of 907 MT
Rotary Table	MH Wirth RST755 1.9177m
Compensator	MH Wirth crown mounted rated for 454 MT compensated, 1,043 MT static
Tubular Handling	MH Wirth automated racking system
Offline Capability	Offline stand building ARM / HRN
Mud Pumps	4X MH Wirth TPK 2,200 HP
HP Mud System	Rated for 7,500 PSI
Shale Shakers	6X Derrick DP600VE

SUBSEA EQUIPMENT

BOP	Dual BOP 2X Cameron 0.476m RAM 1,034 BAR
Annular	2X Cameron 0.476m 690 BAR
Diverter	Cameron MAX Bore 0.54m
Riser	Cameron LK 22.86m length 0.54m OD, 101.6mm ID boost line
Tensioners	8X MH Wirth dual wireline 204 MT capacity each, 19.8m line travel
Wellhead Connector	Cameron EVO con for 68.58cm wellhead

CRANES

Primary Cranes	2 X NOV 66.3MT at 18m radius 2m SIG wave
Pipe Handling Crane	1X MH Wirth Knuckle Boom
X-Mas Tree Crane	120 MT main + 5 MT AUX

POWER

Main Engines	8X HIMSEN 12H32 6,115 KW diesel engines
Main Generators	8X GE 6,115 KW

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