

WEST NAVIGATOR

West Navigator has been operating in Norway, UK, West of Shetland, Ireland, Greenland, Canada, Faeroes, Egypt and Mauritania in water depths ranging from 280 m to 1920 m. conducting Exploration drilling, Development drilling, Subsea completion and Well testing.



GENERAL

General	MST converted
Built/Year	SHI / 2000
Flag	Panama
Classification	DNV GL
Class Notations	HELDK-SH, CRANE, E0, OPP-F, F-AM, DRILL(N), DYNPOS-AUTRO

MAIN DIMENSIONS/TECHNICAL

Length	253 m
Breadth	42 m
Max. Water Depth	2500 m
Drilling Depth	9000 m
Variable Deck Load	9000 mt
Propulsion	4 x 4500 KW Azimuth 2 x 2000 kW Tunnel 1x 12000 KW Fixed
Transit Speed	12 knots
Helideck	Sikorsky S61
Accommodation	117 persons

STORAGE CAPACITIES

Fuel	3400 m ³
Drill Water	1840 m ³
Potable Water	1010 m ³
Liquid Mud	950 m ³
Base Oil	400 m ^{3*}
Brine	400 m ^{3*}
Barite / Bentonite	525 m ³
Cement	315 m ³

DRILLING EQUIPMENT

Derrick	1 x 680 mt, 1 x 590 mt
Drawworks	N/A (RamRig)
Racking Capacity	316 STD 5 7/8"
Top Drive	1 x MH 680 mt 1 x MH 590 mt
Rotary Table	60 1/2"
Iron Roughneck	MH Gateless
Motion Compensation	MH active/passive
Riser Tensioner	16 x 75 mt
Guideline Tensioner	N/A

WELL CONTROL

BOP	Hydril - 18 3/4" - 15K
Diverter	Hydrill FS-21-500 psi
C&K manifold	RB PipeTech-15K

RISER SYSTEM

Type	Dril-Quip
Length of Joints	75 ft
Min. ID	19 1/4"
K&C lines	4 1/2" ID - 15K

BOP/RISER HANDLING

BOP Crane	2 x 75 mt
Riser Crane	35 mt
BOP Skid	300 mt
Xmas Tree Crane	2 x 50 mt
Xmas Tree Skid	100 mt

MUD SYSTEM

Mud Pumps	3 x NOV 14-P-220
Pressure Rating	7500 PSI
Shale Shakers	6 x Thule VSM 300

POWER

Main Engines	6 x Wartsila
Main Generators	4 x 5.2 MW + 2 x 5.6 MW
Total Power	32 MW
Emergency Power	2 x Main engines

STATION KEEPING

Class	DP 3
Control System	Simrad SDP 32
Anchor Chain	N/A
Anchor	N/A

LIFTING EQUIPMENT

Deck Crane	3 x MAN
Deck Crane Rating	1 x 70 mt, 2 x 35 mt
Auxiliary Crane	1 x 10 mt
Pipe Handling Crane	1 x 12 mt, 1 x 3.5 mt

OTHER FEATURES

Dual Operations/Dual Derrick Offline Stand Building

* Combined tanks